

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016432.D
 Acq On : 26 May 2020 18:04
 Operator : JC/SP
 Sample : VX0526WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:28:08 PM

Quant Time: May 27 05:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	133742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	229464	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	220252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	104549	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	91791	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	5.47	113	71068	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	8.70	98	280934	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
62) 4-Bromofluorobenzene	11.12	95	101065	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	20848	19.208	ug/l	100
3) Chloromethane	1.32	50	29578	22.287	ug/l	100
4) Vinyl Chloride	1.39	62	38925	22.205	ug/l	97
5) Bromomethane	1.63	94	29340	15.567	ug/l	92
6) Chloroethane	1.71	64	28048	21.695	ug/l	99
7) Trichlorofluoromethane	1.92	101	65430	22.432	ug/l	97
8) Diethyl Ether	2.17	74	26160	22.004	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25208	19.889	ug/l	99
10) Methyl Iodide	2.49	142	22631	19.688	ug/l	98
11) Tert butyl alcohol	3.01	59	40994	102.366	ug/l	99
12) 1,1-Dichloroethene	2.35	96	25420	19.613	ug/l	96
13) Acrolein	2.27	56	24453	114.121	ug/l	99
14) Allyl chloride	2.71	41	42178	19.920	ug/l	98
15) Acrylonitrile	3.12	53	80697	101.197	ug/l	98
16) Acetone	2.42	43	73363	106.320	ug/l	98
17) Carbon Disulfide	2.55	76	74542	19.435	ug/l	98
18) Methyl Acetate	2.75	43	35755	21.247	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	92473	20.471	ug/l	99
20) Methylene Chloride	2.84	84	29548	19.852	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	29204	19.827	ug/l	98
22) Diisopropyl ether	3.82	45	86458	20.270	ug/l	98
23) Vinyl Acetate	3.79	43	379683	99.540	ug/l	99
24) 1,1-Dichloroethane	3.67	63	50884	20.113	ug/l	99
25) 2-Butanone	4.63	43	114484	102.112	ug/l	98
26) 2,2-Dichloropropane	4.56	77	46416	20.185	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	32183	19.178	ug/l	95
28) Bromochloromethane	4.99	49	24931	20.558	ug/l	94
29) Tetrahydrofuran	5.09	42	74868	103.034	ug/l	99
30) Chloroform	5.18	83	54534	20.513	ug/l	99
31) Cyclohexane	5.56	56	42831	19.948	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	49899	20.499	ug/l	98
36) 1,1-Dichloropropene	5.77	75	39660	19.496	ug/l	98
37) Ethyl Acetate	4.79	43	44807	19.931	ug/l	98
38) Carbon Tetrachloride	5.76	117	42198	19.140	ug/l	89

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 Sample : VX0526WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX0526WBSD01

Manual Integrations
 APPROVED

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 5/27/2020 12:28:08 PM

Quant Time: May 27 05:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 16:32:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42396	18.817	ug/l	97
40) Benzene	6.12	78	117746	19.393	ug/l	99
41) Methacrylonitrile	5.00	41	22485	18.705	ug/l	95
42) 1,2-Dichloroethane	6.17	62	43714	19.724	ug/l	99
43) Isopropyl Acetate	6.42	43	70835	19.642	ug/l	99
44) Trichloroethene	7.19	130	37351	18.768	ug/l	95
45) 1,2-Dichloropropane	7.49	63	29715	19.596	ug/l	98
46) Dibromomethane	7.64	93	21249	19.231	ug/l	94
47) Bromodichloromethane	7.88	83	43464	19.476	ug/l	91
48) Methyl methacrylate	7.74	41	31313	19.054	ug/l	98
49) 1,4-Dioxane	7.71	88	16347	386.567	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	223948	98.260	ug/l	98
52) Toluene	8.77	92	77018	19.769	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	48377	19.048	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	50675	19.407	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	31077	19.562	ug/l	95
56) Ethyl methacrylate	9.16	69	45273	18.938	ug/l	97
57) 1,3-Dichloropropane	9.35	76	51786	19.661	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	119166	93.453	ug/l	98
59) 2-Hexanone	9.48	43	172983	98.570	ug/l	100
60) Dibromochloromethane	9.57	129	33095	18.117	ug/l	97
61) 1,2-Dibromoethane	9.65	107	33643	19.298	ug/l	98
64) Tetrachloroethene	9.32	164	40498	17.650	ug/l	93
65) Chlorobenzene	10.12	112	83425	19.201	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	31928	18.925	ug/l	97
67) Ethyl Benzene	10.24	91	144248	19.066	ug/l	100
68) m/p-Xylenes	10.34	106	112572	38.050	ug/l	100
69) o-Xylene	10.68	106	53354	18.977	ug/l	98
70) Styrene	10.69	104	87205	18.373	ug/l	99
71) Bromoform	10.84	173	24438	17.546	ug/l #	97
73) Isopropylbenzene	11.01	105	138832	19.669	ug/l	99
74) N-amyl acetate	10.88	43	58172	19.375	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	35016	19.639	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	43459m	20.028	ug/l	
77) Bromobenzene	11.24	156	34859	19.073	ug/l	95
78) n-propylbenzene	11.34	91	156695	19.635	ug/l	98
79) 2-Chlorotoluene	11.40	91	94771	19.962	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	114701	19.437	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	16892	18.720	ug/l	96
82) 4-Chlorotoluene	11.49	91	111876	19.594	ug/l	99
83) tert-Butylbenzene	11.76	119	96667	19.156	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	115099	19.354	ug/l	99
85) sec-Butylbenzene	11.93	105	124742	19.513	ug/l	98
86) p-Isopropyltoluene	12.05	119	115453	19.331	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	62104	19.141	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	64278	19.571	ug/l	98
89) n-Butylbenzene	12.37	91	98157	18.943	ug/l	98
90) Hexachloroethane	12.58	117	20067	18.540	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	60741	18.998	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	11482	20.811	ug/l	92

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Acq On : 26 May 2020 18:04
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Manual Integrations
APPROVED

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Quant Time: May 27 05:50:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	34377	17.274	ug/l	99
94) Hexachlorobutadiene	13.77	225	12264	17.090	ug/l	99
95) Naphthalene	13.82	128	134299	18.833	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	34632	18.005	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

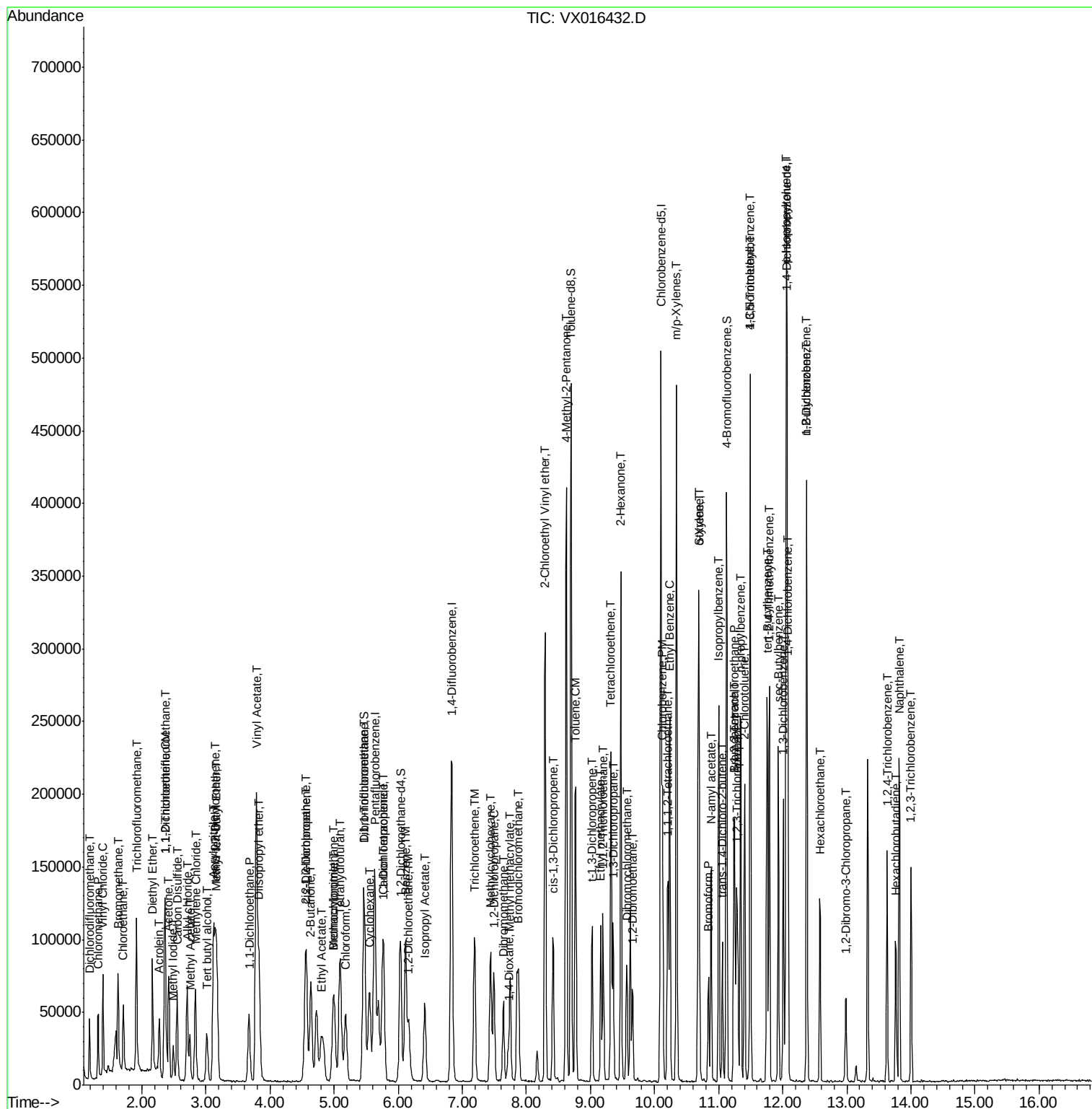
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Data File : VX016432.D
Acq On : 26 May 2020 18:04
Operator : JC/SP
Sample : VX0526WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

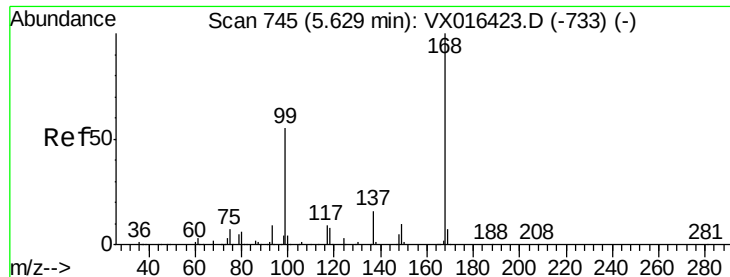
Instrument :
MSVOA_X
Client Sampled :
VX0526WBSD01

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:28:08 PM

Quant Time: May 27 05:50:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
Quant Title : SW846 8260
QLast Update : Tue May 26 16:32:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion:168 Resp: 133742

Ion Ratio Lower Upper

168 100

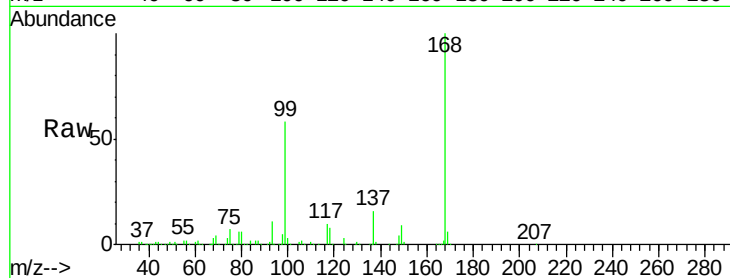
99 58.3 44.4 66.6

Manual Integrations

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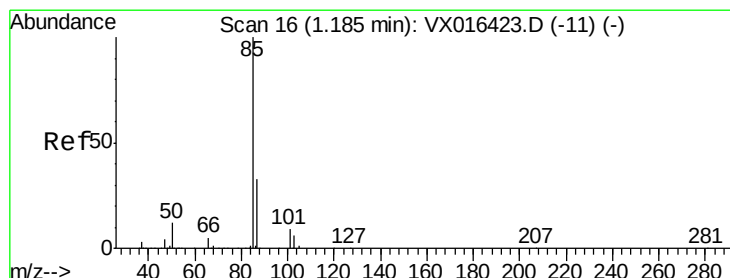
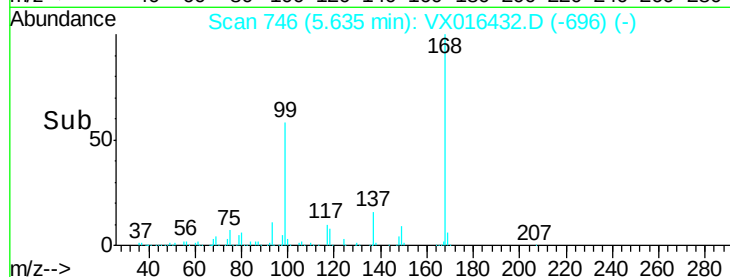
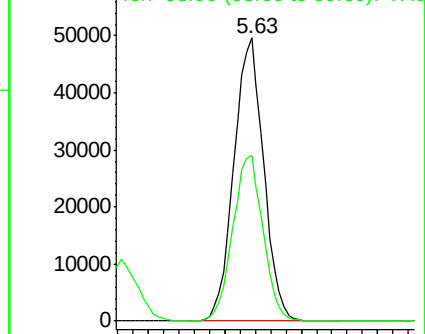
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.208 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016432.D

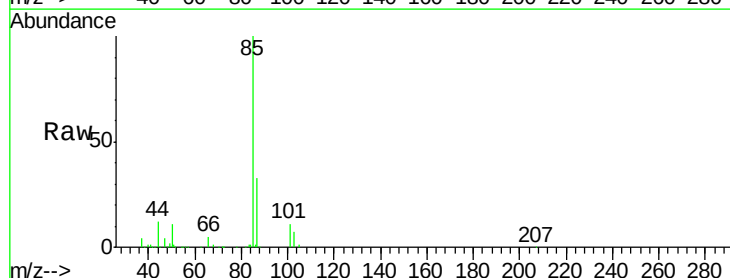
Acq: 26 May 2020 18:04

Tgt Ion: 85 Resp: 20848

Ion Ratio Lower Upper

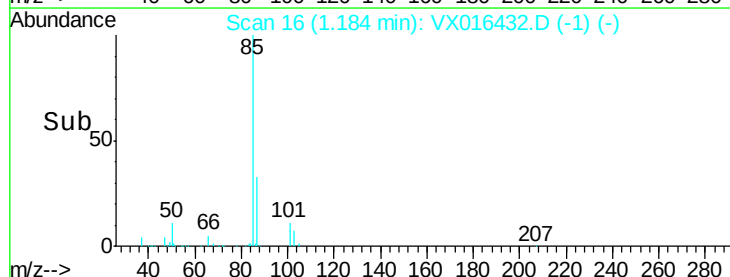
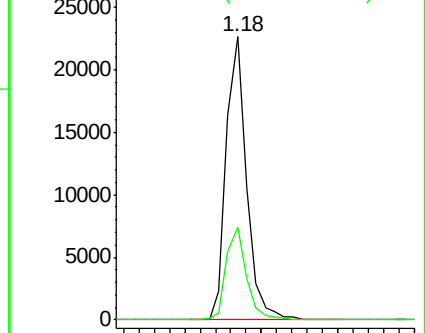
85 100

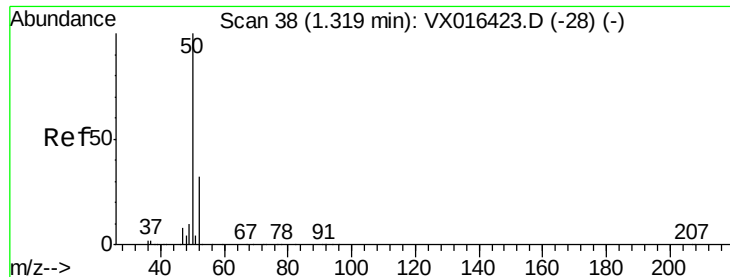
87 32.7 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 22.287 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 50 Resp: 29578

Ion Ratio Lower Upper

50 100

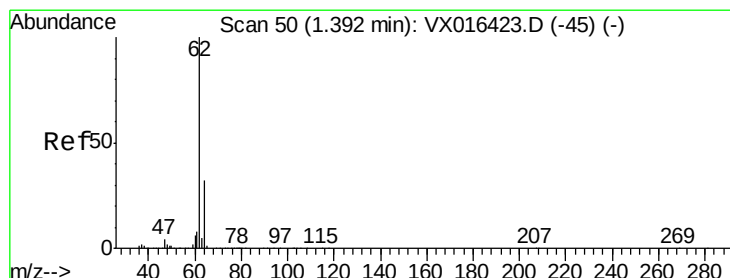
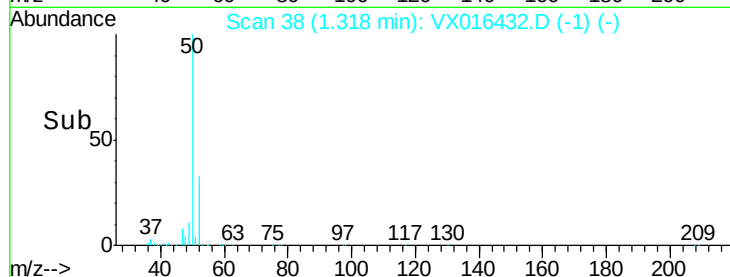
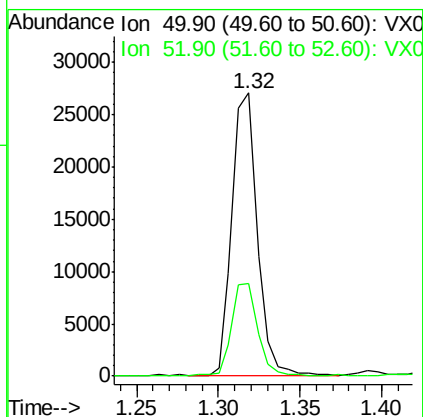
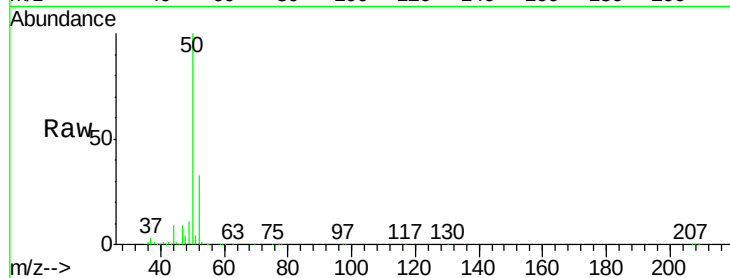
52 32.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.205 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016432.D

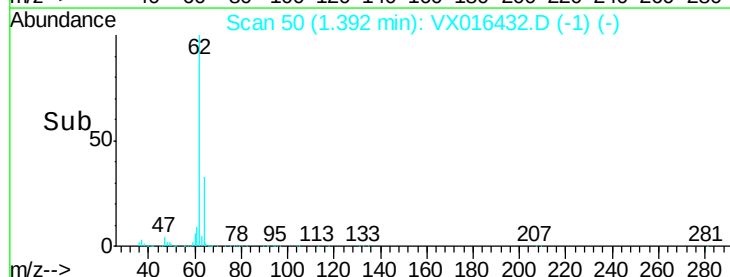
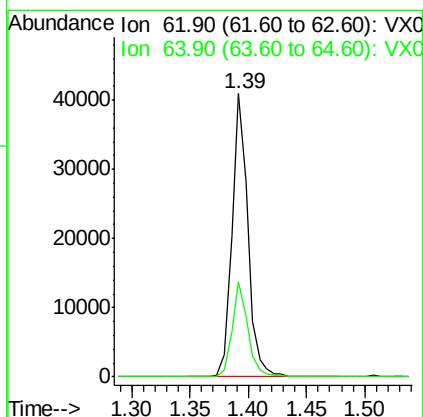
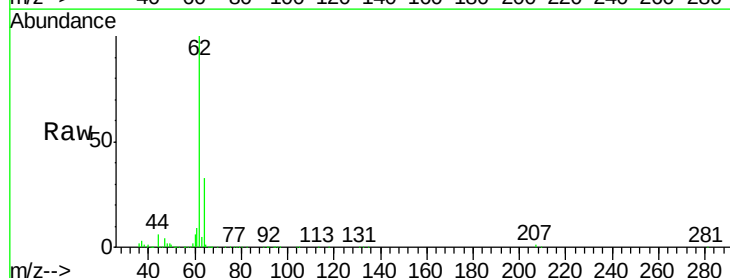
Acq: 26 May 2020 18:04

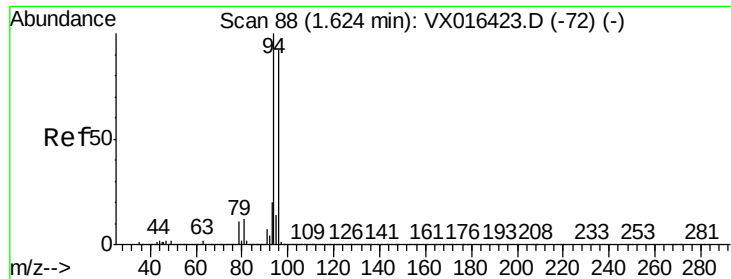
Tgt Ion: 62 Resp: 38925

Ion Ratio Lower Upper

62 100

64 33.4 25.4 38.0





#5

Bromomethane

Concen: 15.567 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 94 Resp: 29340

Ion Ratio Lower Upper

94 100

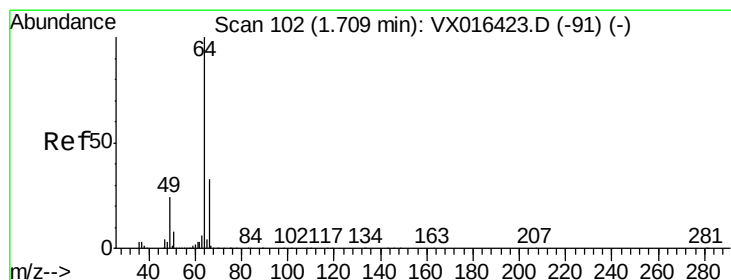
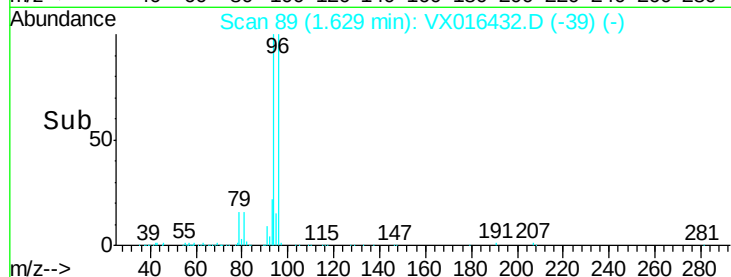
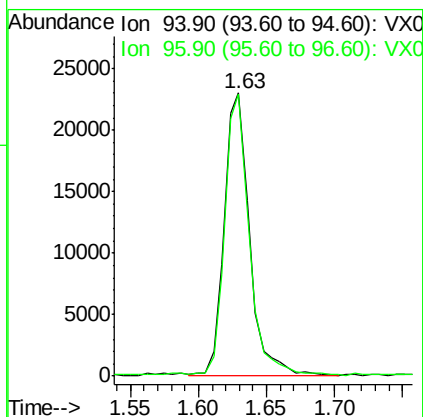
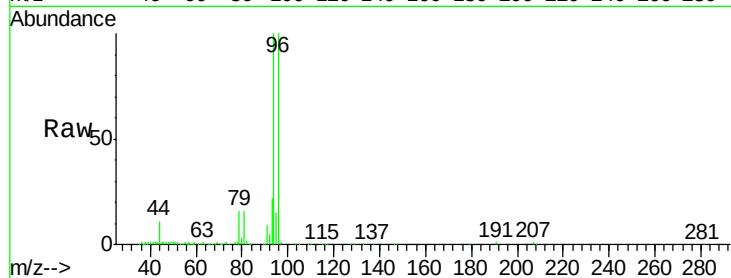
96 99.7 73.7 110.5

Manual Integrations

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#6

Chloroethane

Concen: 21.695 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016432.D

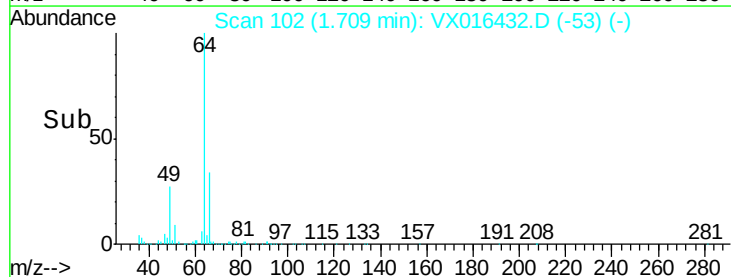
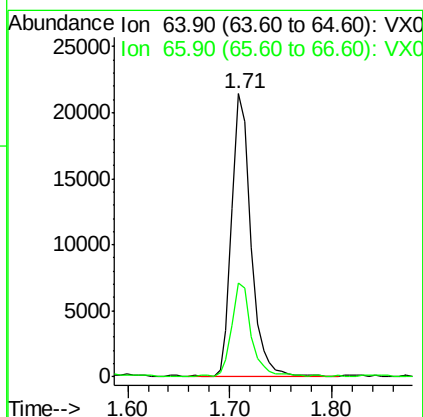
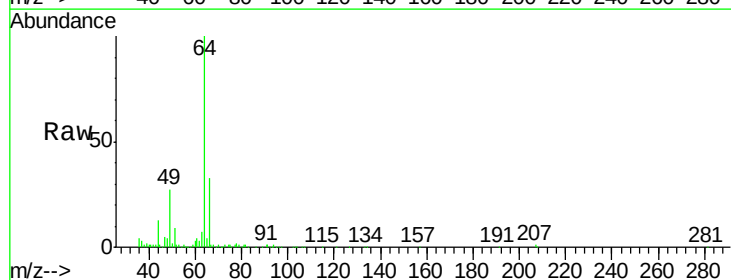
Acq: 26 May 2020 18:04

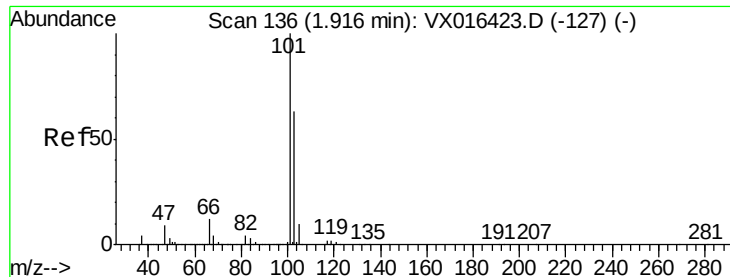
Tgt Ion: 64 Resp: 28048

Ion Ratio Lower Upper

64 100

66 33.1 26.0 39.0





#7

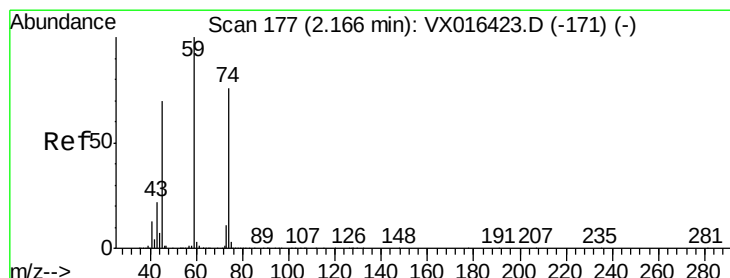
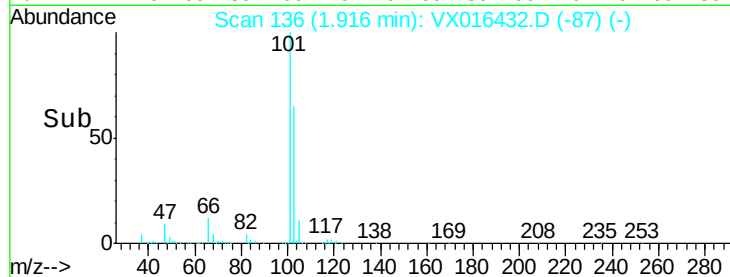
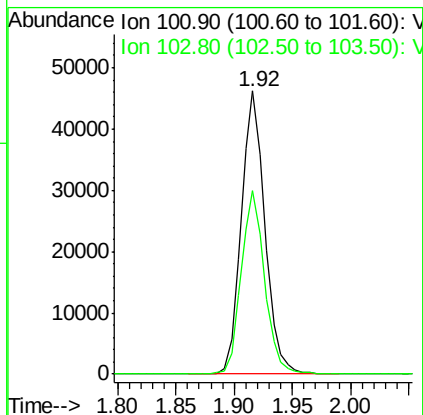
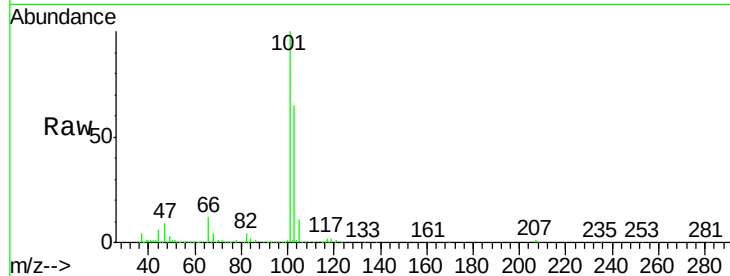
Trichlorofluoromethane
Concen: 22.432 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.1	75.1

Manual Integrations
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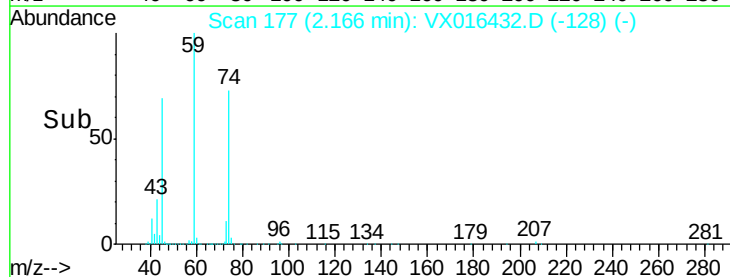
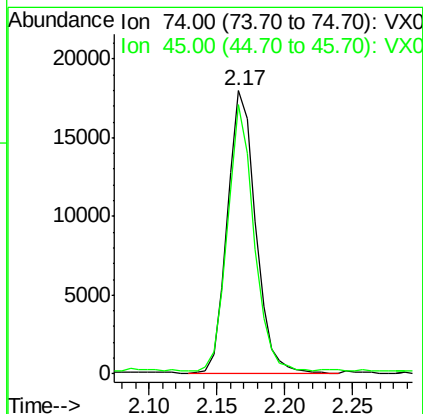
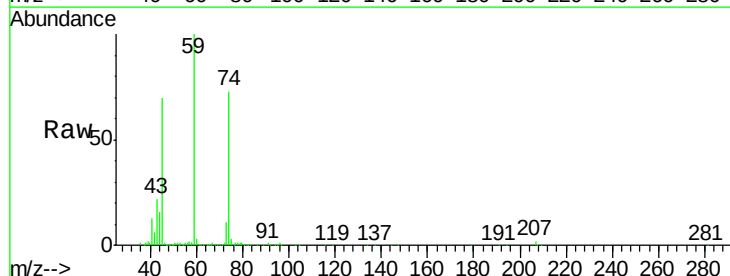
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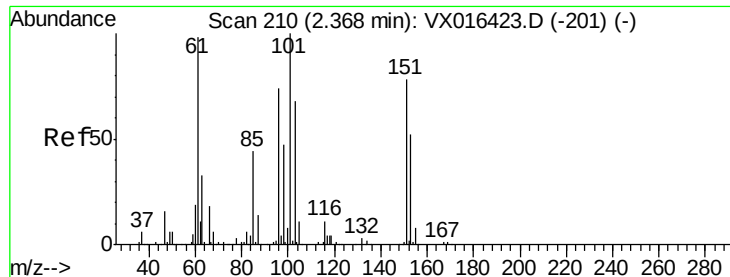


#8

Diethyl Ether
Concen: 22.004 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.7	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.889 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

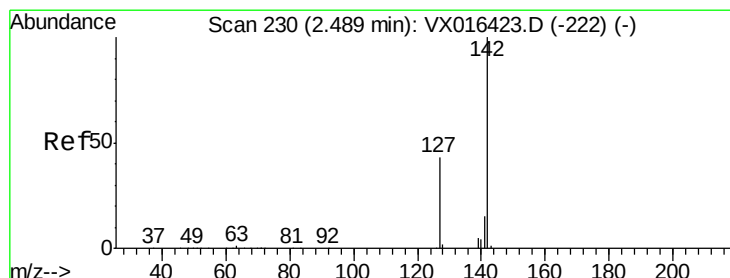
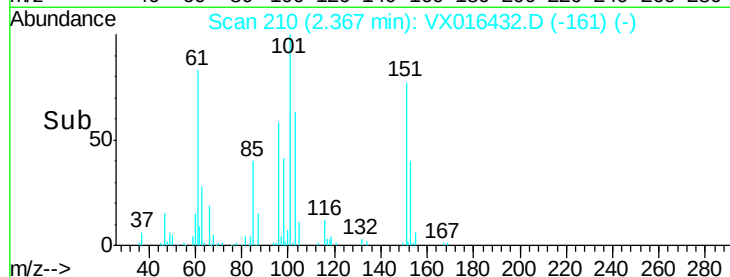
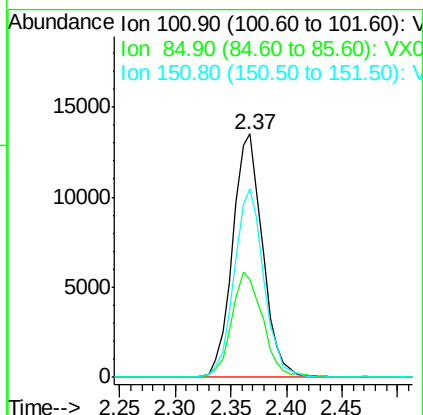
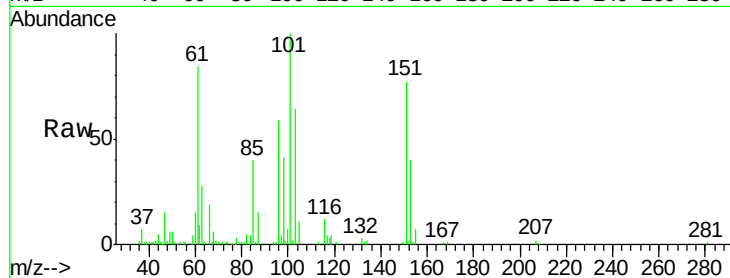
ClientSampled :

VX0526WBSD01

Tot Ion:	101	Resp:	25208
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.2	54.4
151	77.0	60.4	90.6

Manual Integrations
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MMDadoda
5/27/2020 12:28:08 PM



#10

Methyl Iodide

Concen: 19.688 ug/l

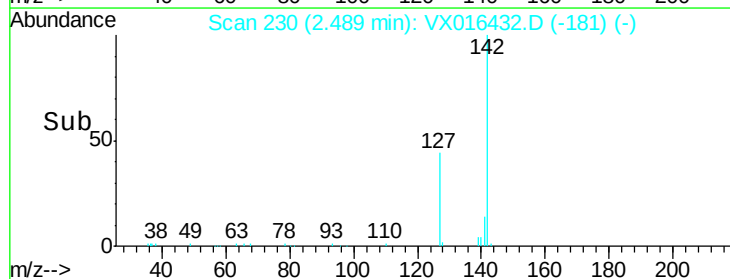
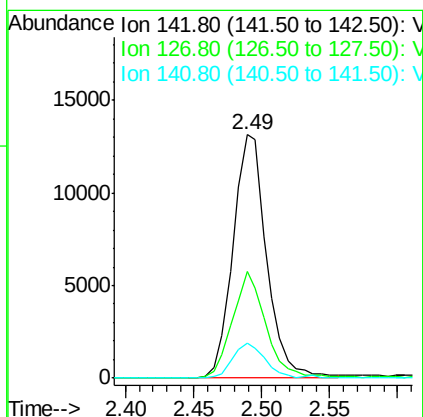
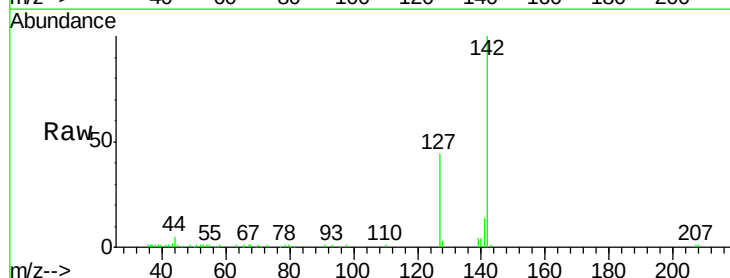
RT: 2.49 min Scan# 230

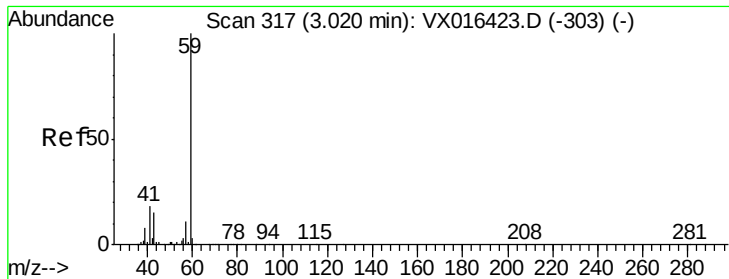
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	142	Resp:	22631
Ion Ratio	Lower	Upper	
142	100		
127	43.8	36.2	54.4
141	14.3	12.2	18.2





#11

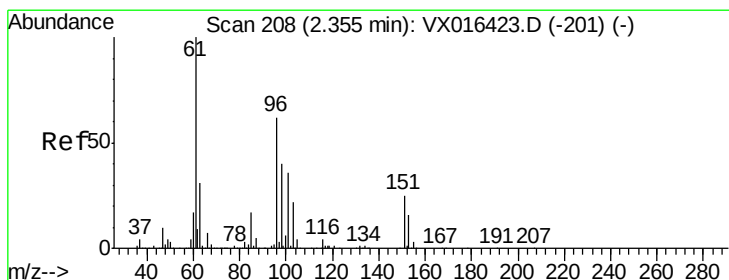
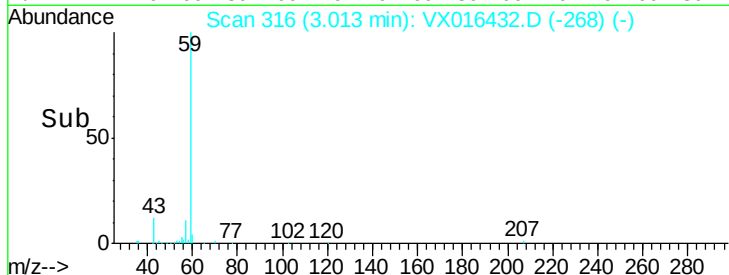
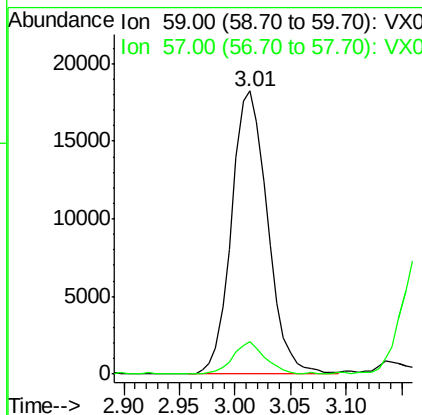
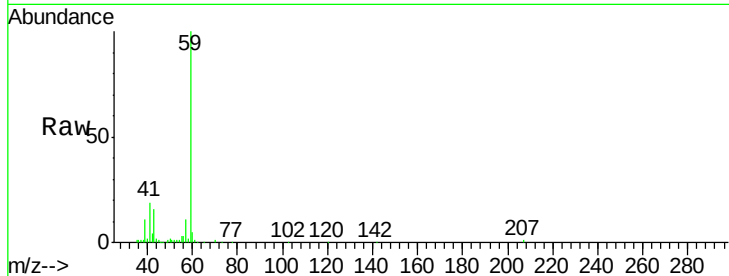
Tert butyl alcohol
Concen: 102.366 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	40994		
57	57	10.4		8.5	12.7

Manual Integrations
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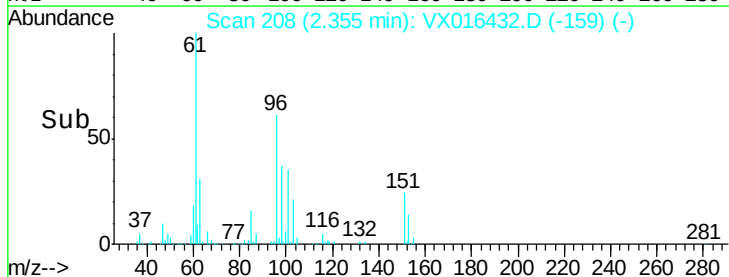
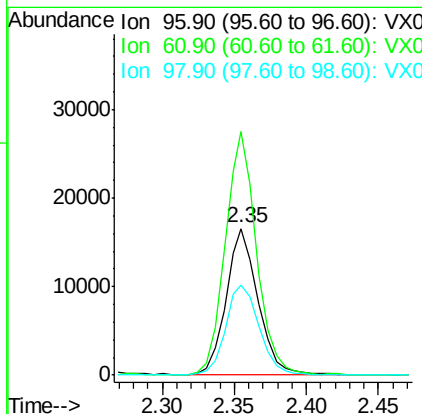
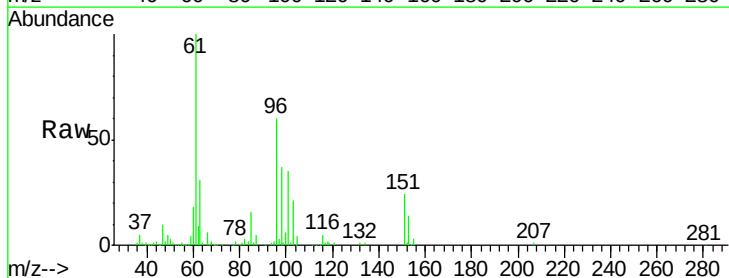
MMDadoda
5/27/2020 12:28:08 PM

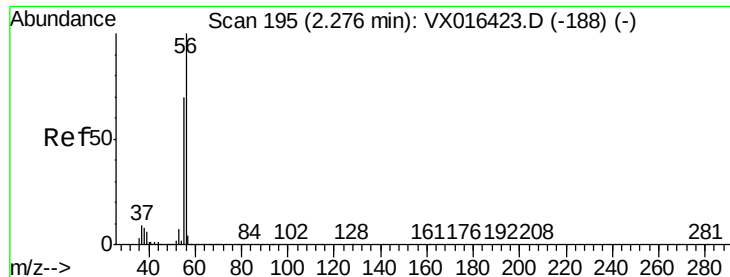


#12

1,1-Dichloroethene
Concen: 19.613 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	25420		
61	61	166.4		128.2	192.4
98	98	61.3		50.8	76.2





#13

Acrolein

Concen: 114.121 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 56 Resp: 24453

Ion Ratio Lower Upper

56 100

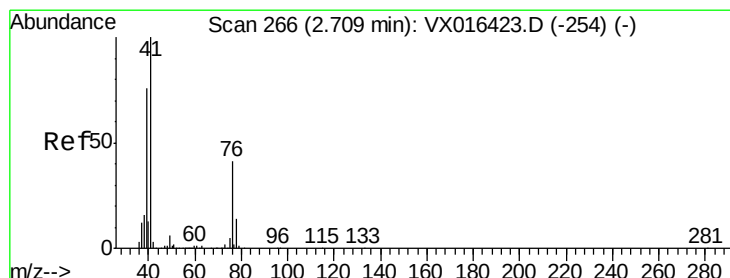
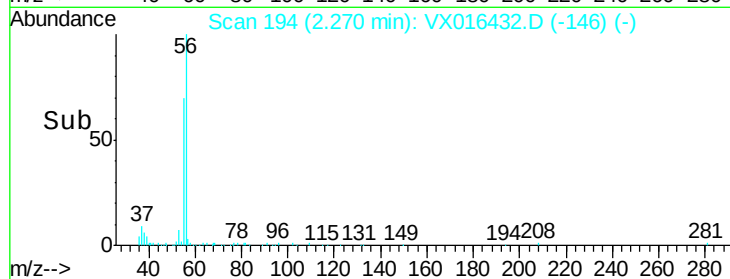
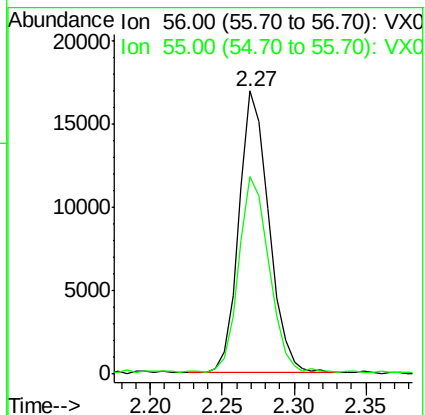
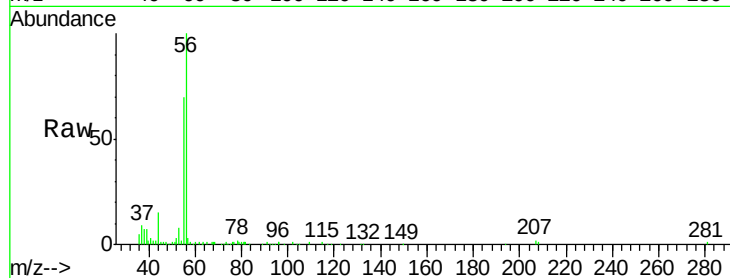
55 71.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 19.920 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

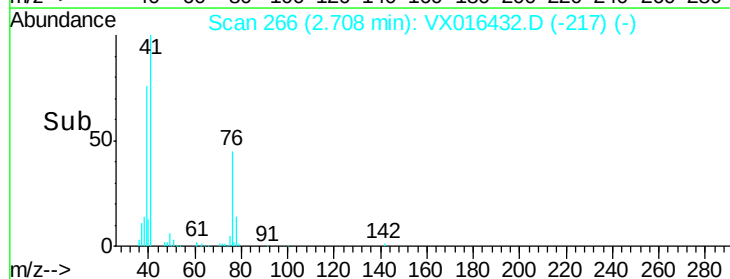
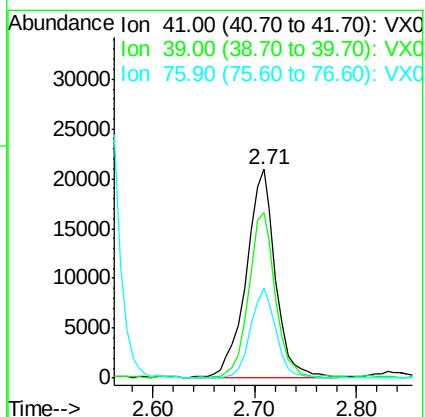
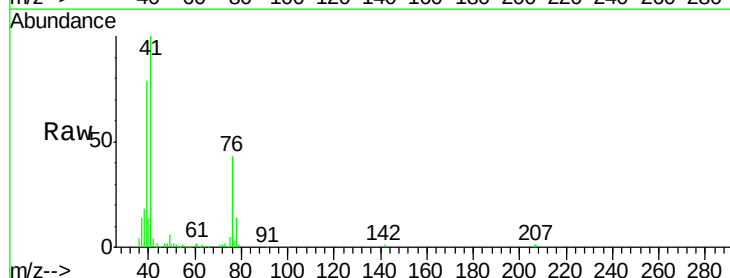
Tgt Ion: 41 Resp: 42178

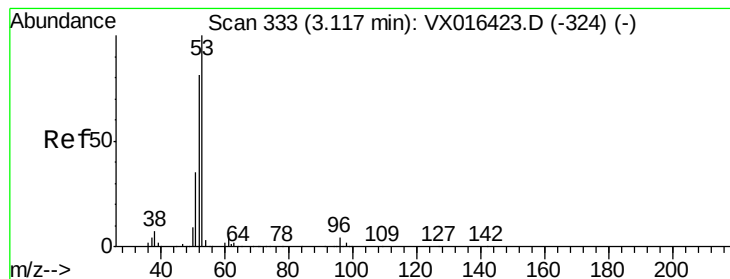
Ion Ratio Lower Upper

41 100

39 72.3 55.8 83.8

76 37.0 29.6 44.4





#15

Acrylonitrile

Concen: 101.197 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

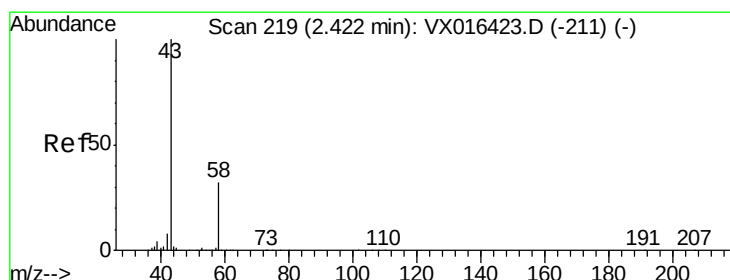
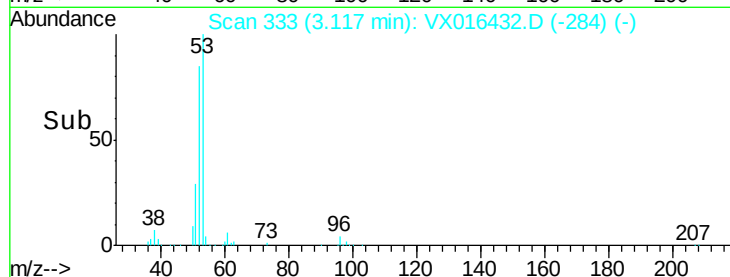
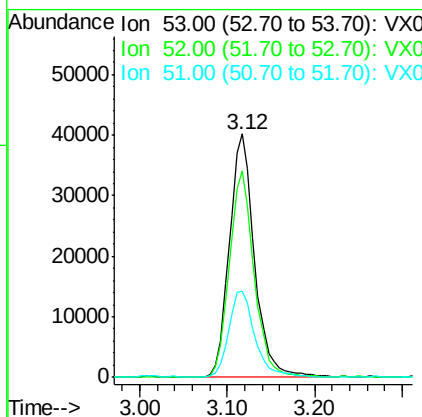
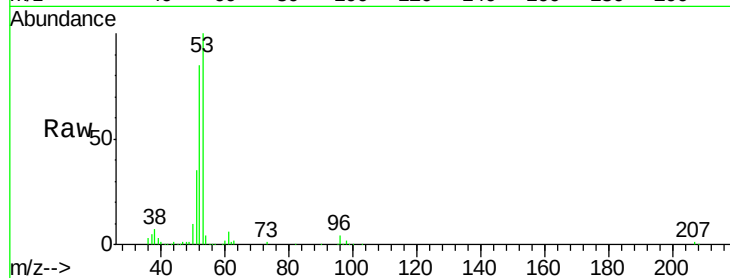
ClientSampleId :

VX0526WBSD01

Tot Ion:	53	Resp:	80697
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.4	98.2
51	37.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 106.320 ug/l

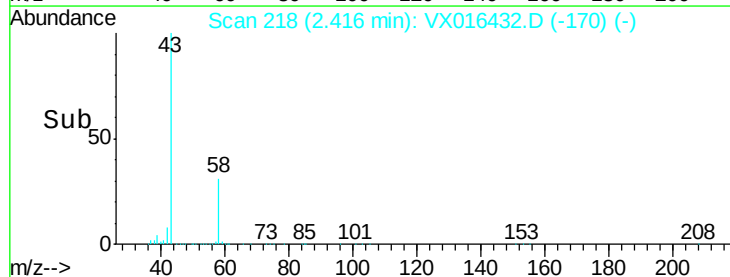
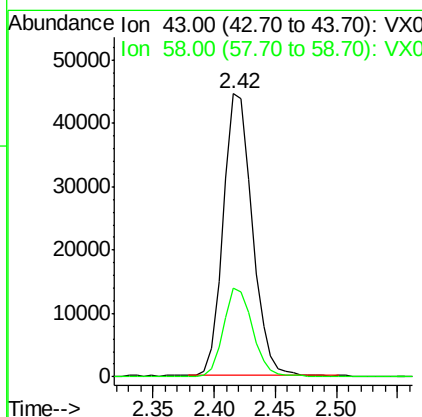
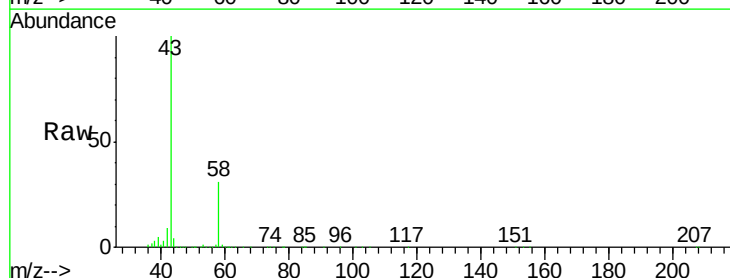
RT: 2.42 min Scan# 218

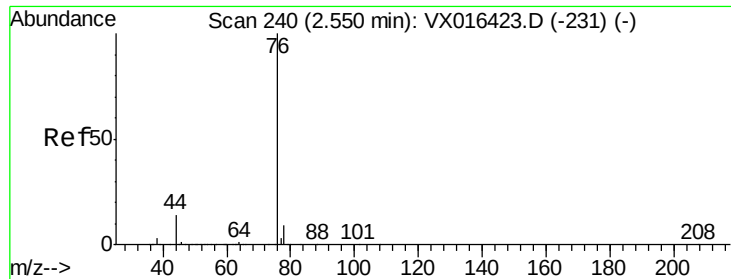
Delta R.T. -0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	43	Resp:	73363
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.0	39.0





#17

Carbon Disulfide

Concen: 19.435 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 76 Resp: 74542

Ion Ratio Lower Upper

76 100

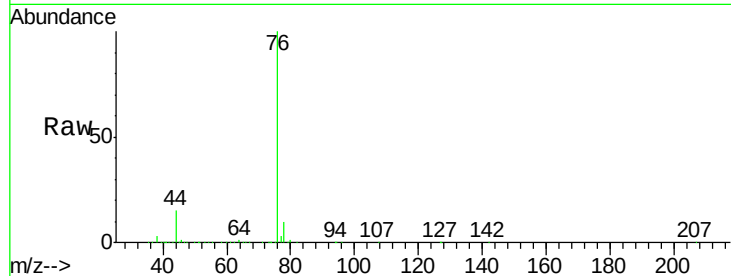
78 10.1 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

50000

40000

30000

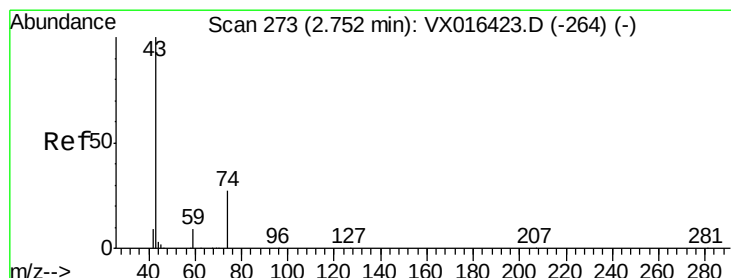
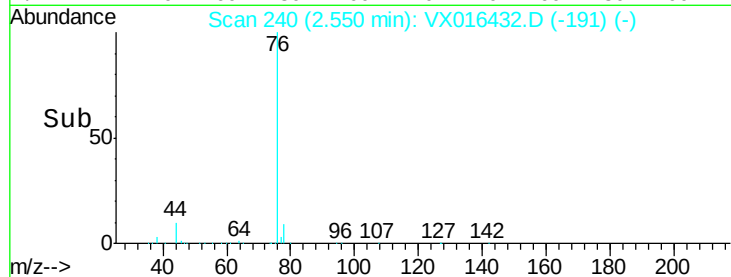
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#18

Methyl Acetate

Concen: 21.247 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016432.D

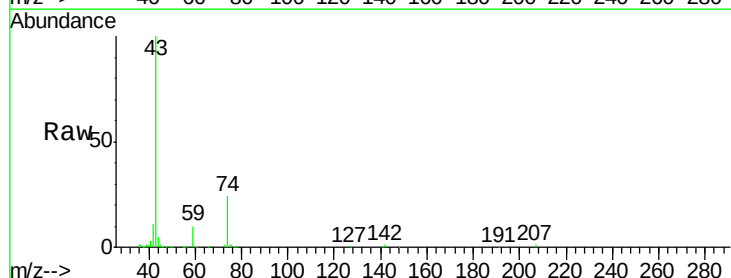
Acq: 26 May 2020 18:04

Tgt Ion: 43 Resp: 35755

Ion Ratio Lower Upper

43 100

74 26.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

20000

15000

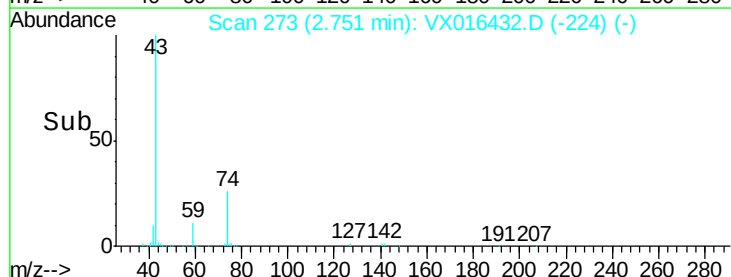
10000

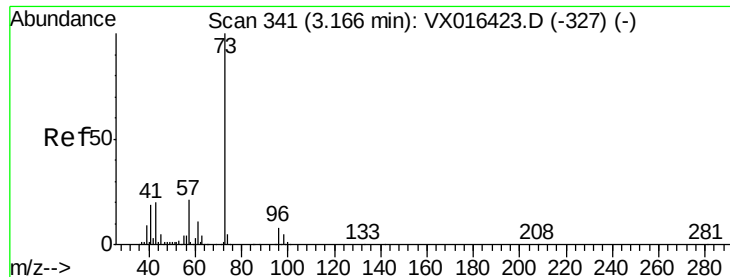
5000

0

Time-->

2.65 2.70 2.75 2.80 2.85





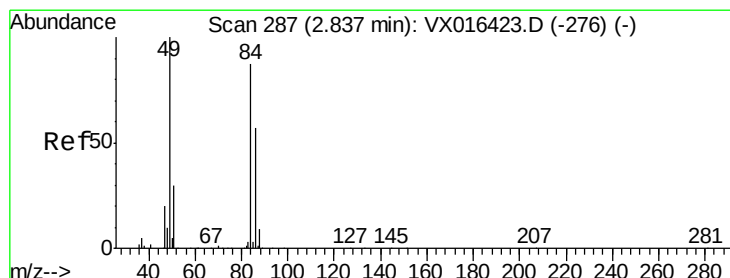
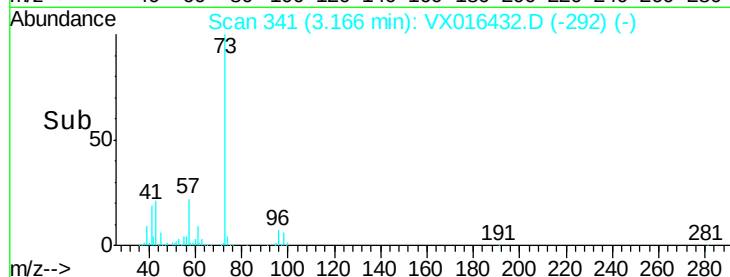
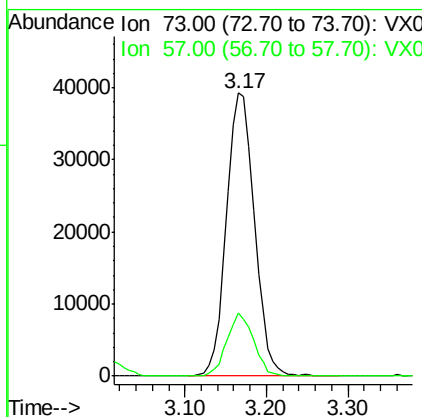
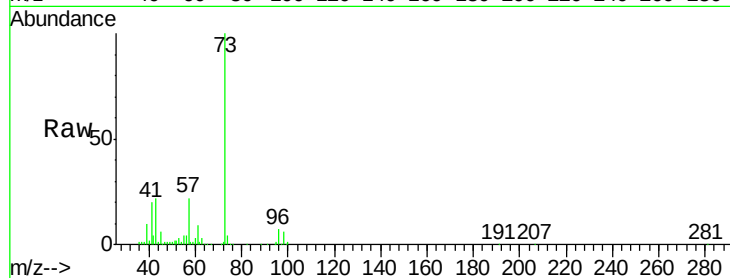
#19
Methyl tert-butyl Ether
Concen: 20.471 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	73	Resp	92473
Ion Ratio	100	Lower	Upper
73	100	17.3	25.9
57	22.2		

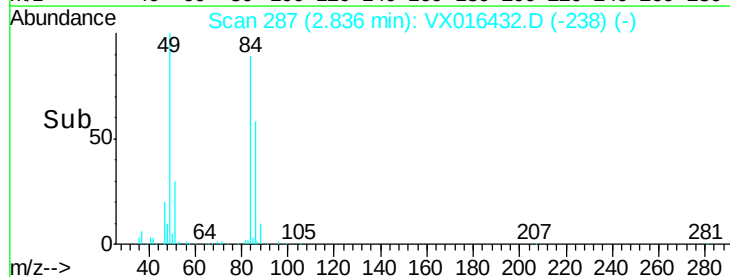
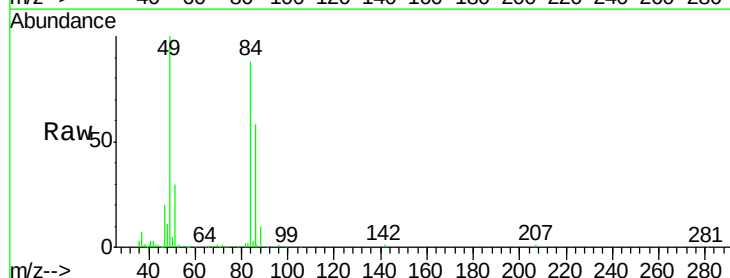
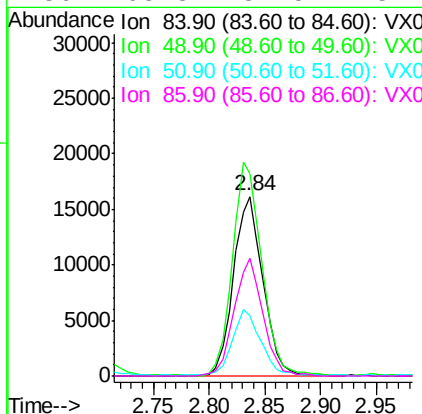
Manual Integrations
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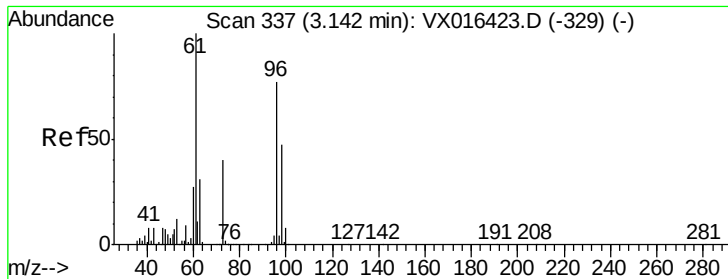
MMDadoda
5/27/2020 12:28:08 PM



#20
Methylene Chloride
Concen: 19.852 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	84	Resp	29548
Ion Ratio	100	Lower	Upper
84	100	52.5	78.7
49	112.7	92.2	138.4
51	33.4	27.8	41.8
86	65.3		





#21

trans-1,2-Dichloroethene

Concen: 19.827 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

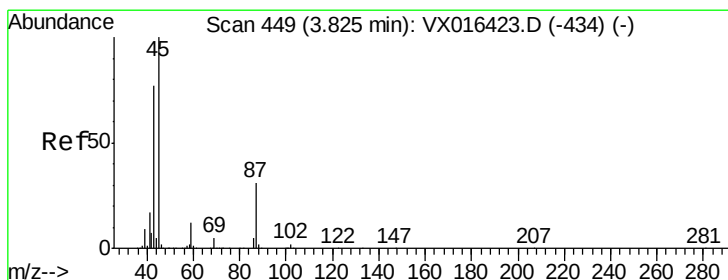
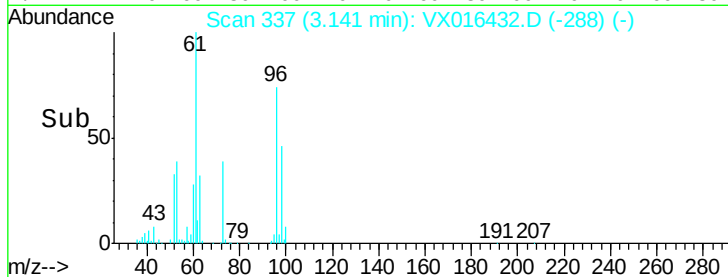
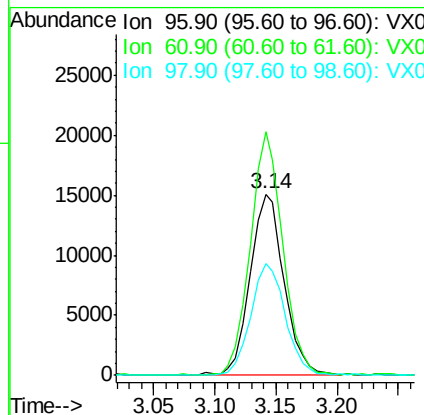
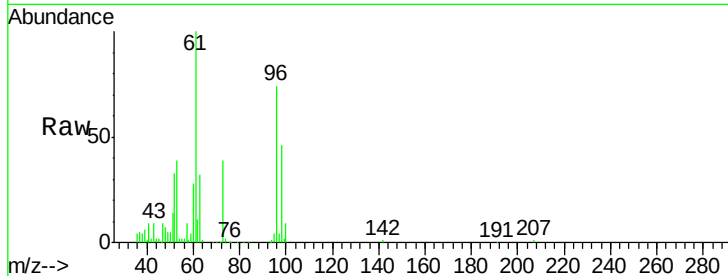
ClientSampleId :

VX0526WBSD01

Tot Ion:	96	Resp:	29204
Ion	Ratio	Lower	Upper
96	100		
61	134.4	104.3	156.5
98	61.8	49.4	74.0

Manual Integrations
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5/27/2020 12:28:08 PM



#22

Diisopropyl ether

Concen: 20.270 ug/l

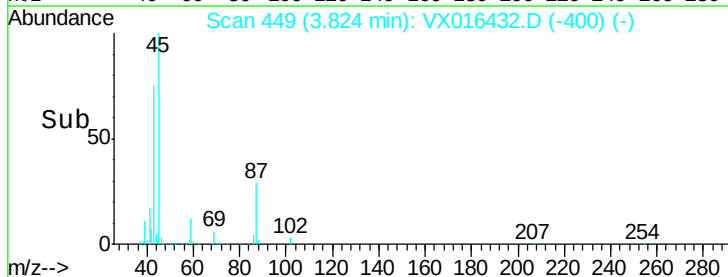
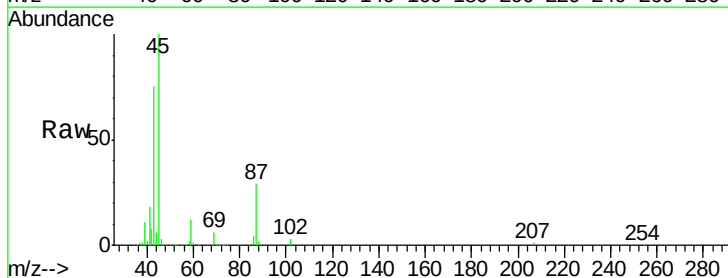
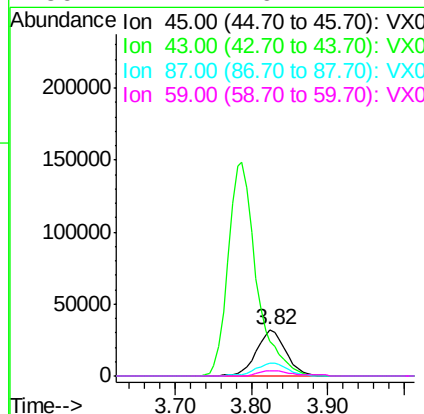
RT: 3.82 min Scan# 449

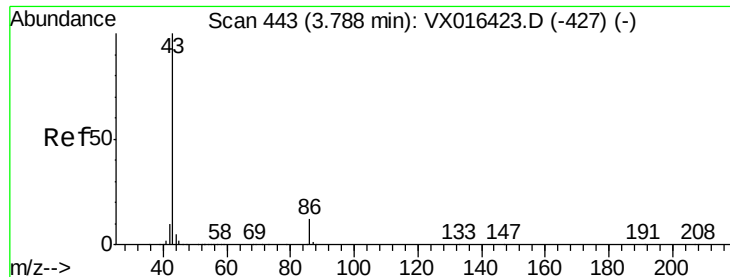
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	45	Resp:	86458
Ion	Ratio	Lower	Upper
45	100		
43	74.9	61.4	92.2
87	28.8	24.4	36.6
59	12.4	9.4	14.2





#23

Vinyl Acetate

Concen: 99.540 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 43 Resp: 379683

Ion Ratio Lower Upper

43 100

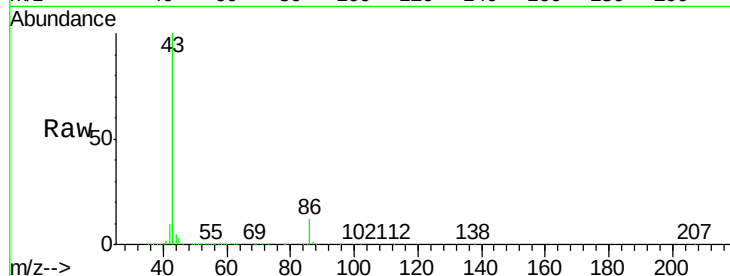
86 11.7 9.8 14.8

Manual Integrations

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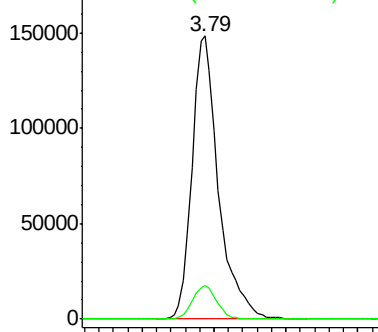
MMDadoda

5/27/2020 12:28:08 PM

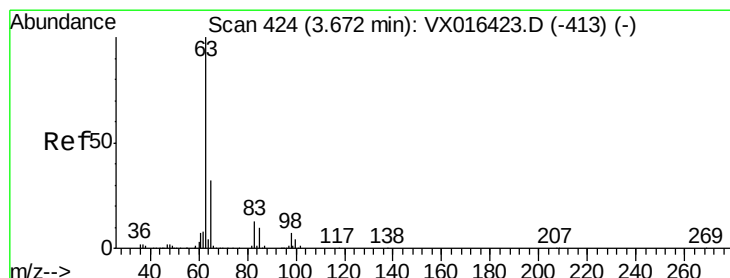
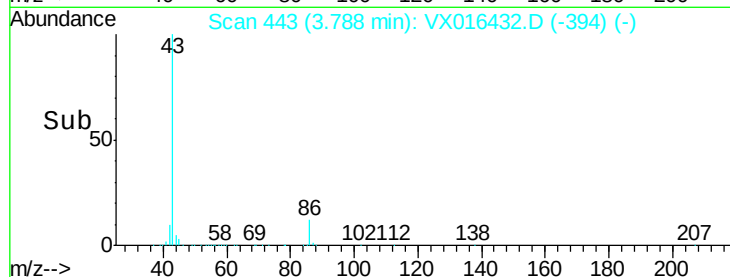


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.113 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

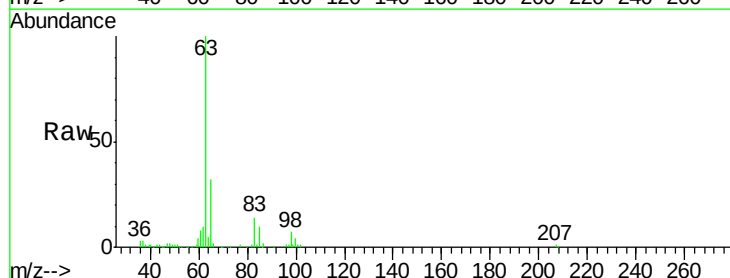
Tgt Ion: 63 Resp: 50884

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.8

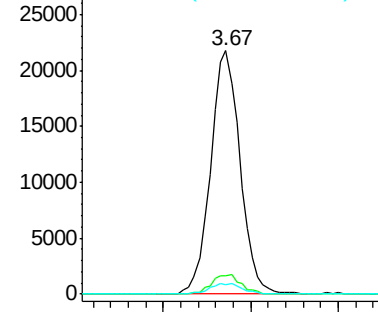
100 3.7 2.1 6.5



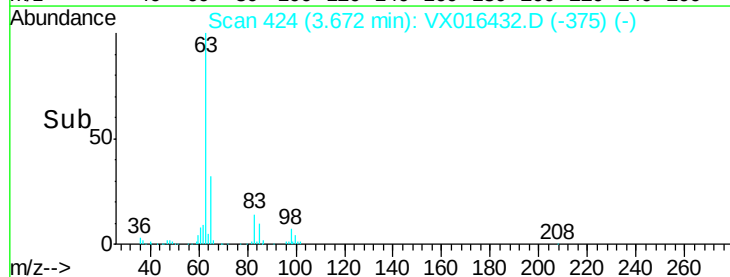
Abundance Ion 62.90 (62.60 to 63.60): VX0

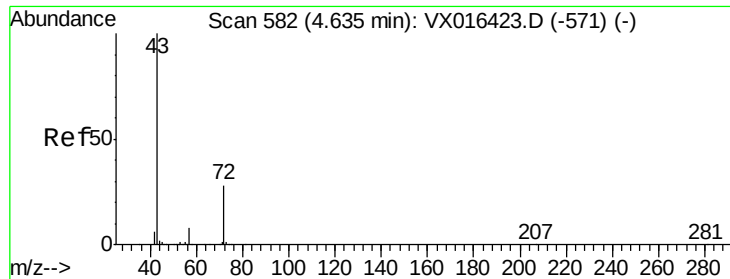
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 102.112 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 43 Resp: 114484

Ion Ratio Lower Upper

43 100

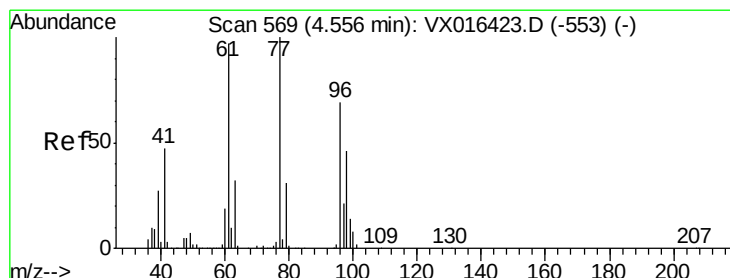
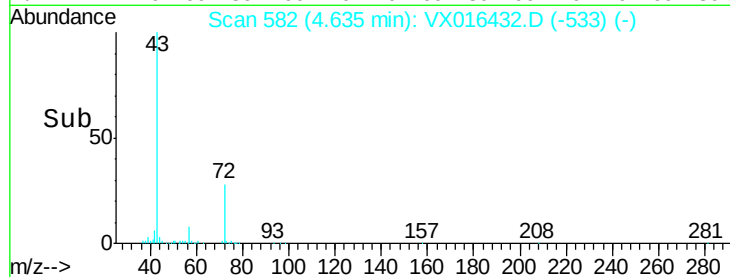
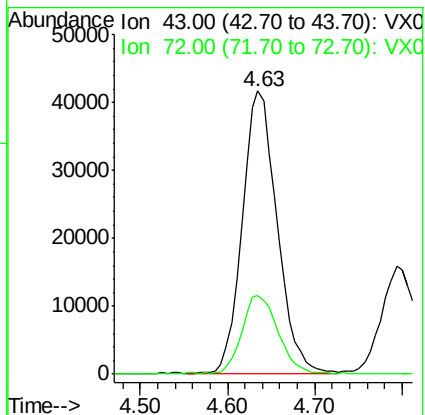
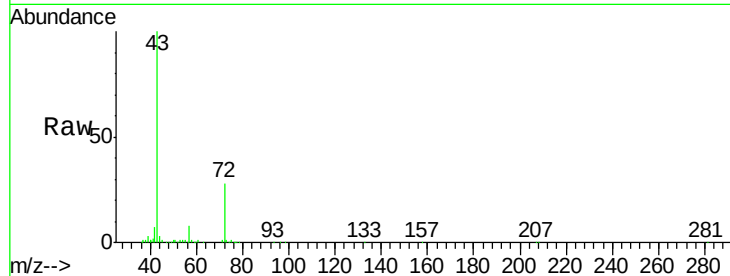
72 27.5 22.7 34.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.185 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX016432.D

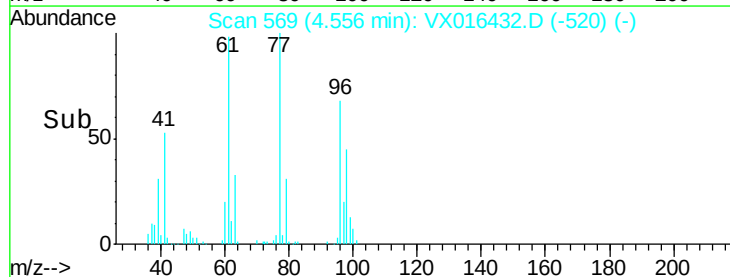
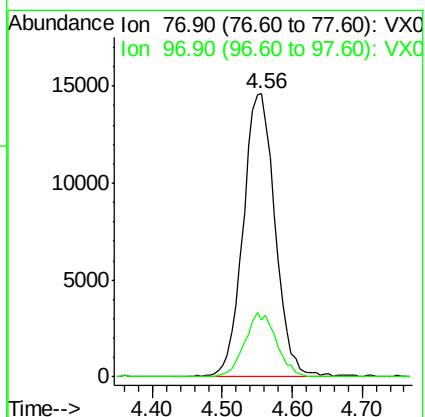
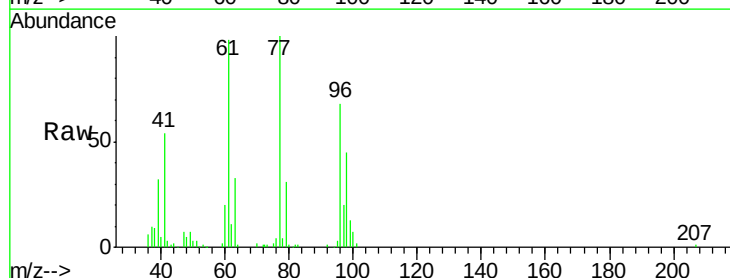
Acq: 26 May 2020 18:04

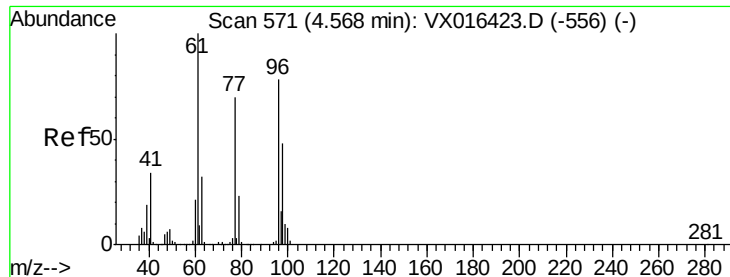
Tgt Ion: 77 Resp: 46416

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

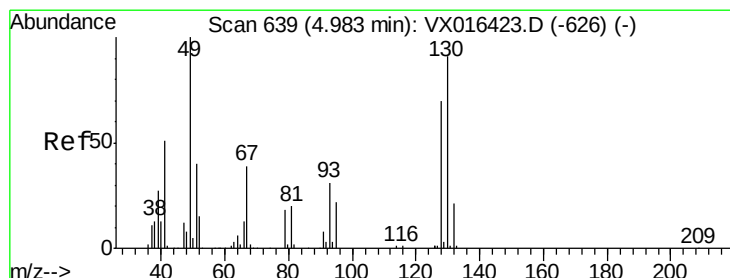
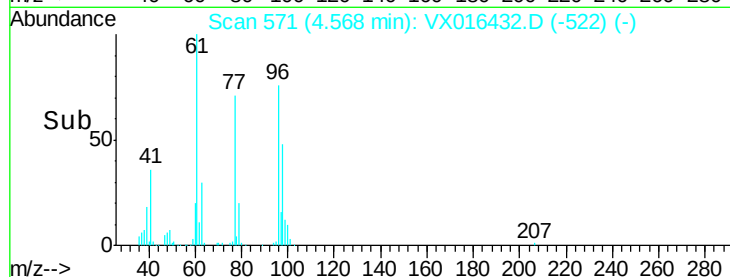
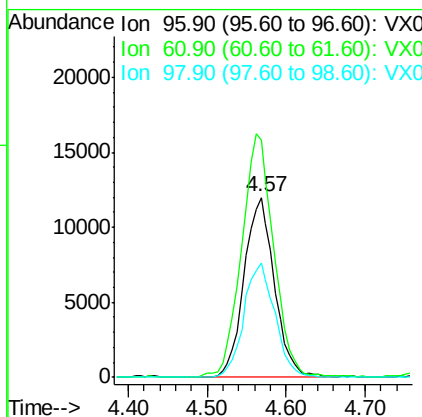
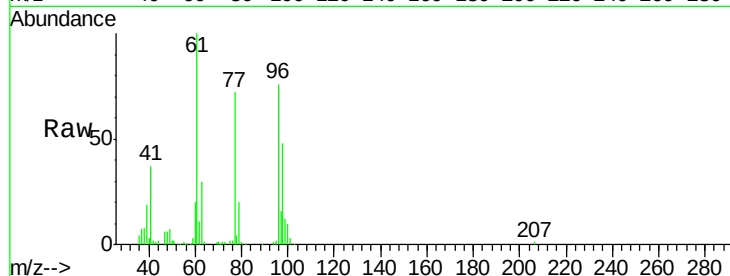
cis-1,2-Dichloroethene
Concen: 19.178 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.1	0.0	271.0
98	64.5	0.0	127.6

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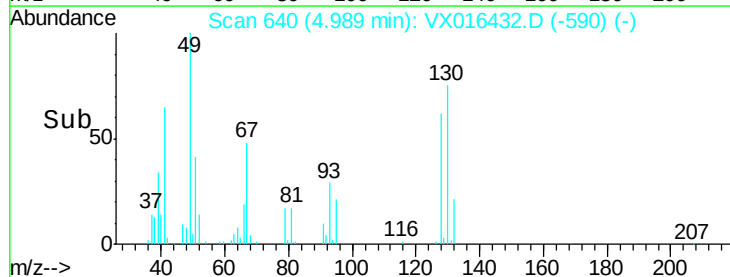
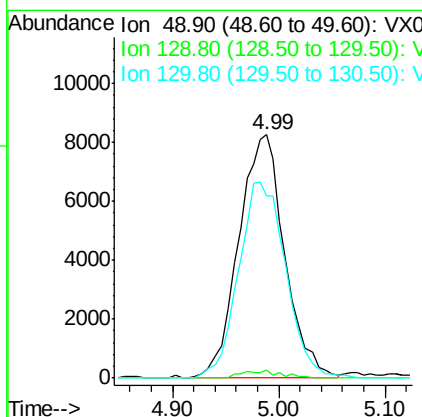
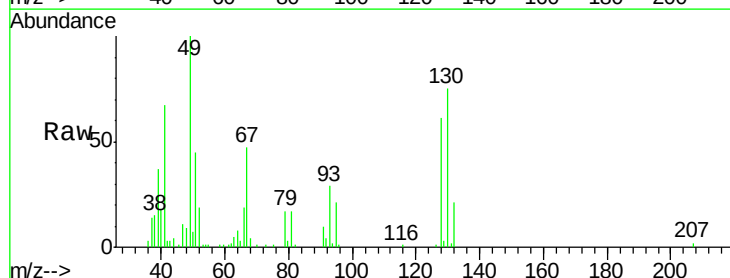
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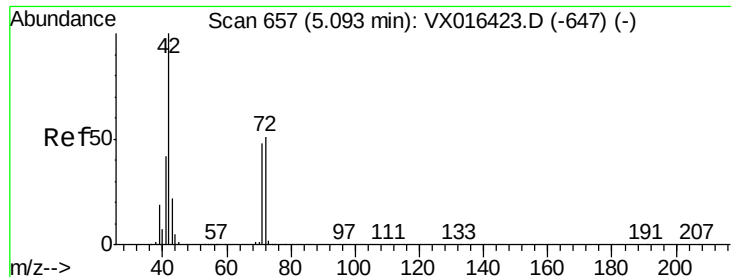


#28

Bromochloromethane
Concen: 20.558 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	82.9	71.2	106.8





#29

Tetrahydrofuran

Concen: 103.034 ug/l

RT: 5.09 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

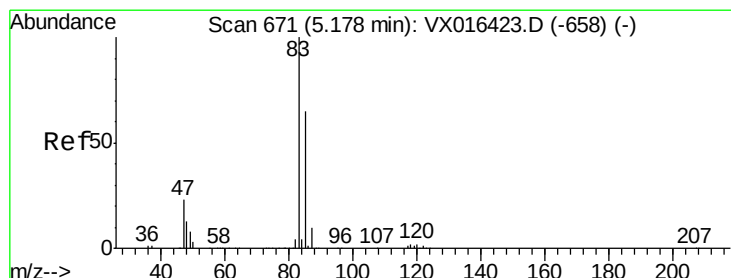
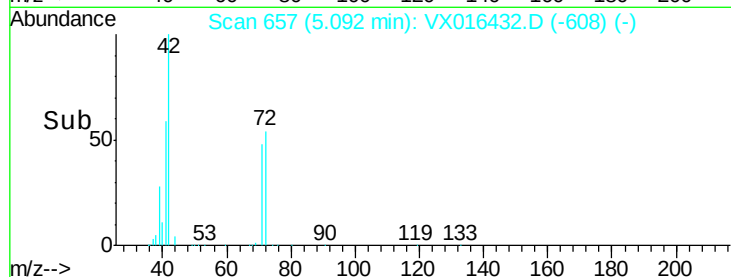
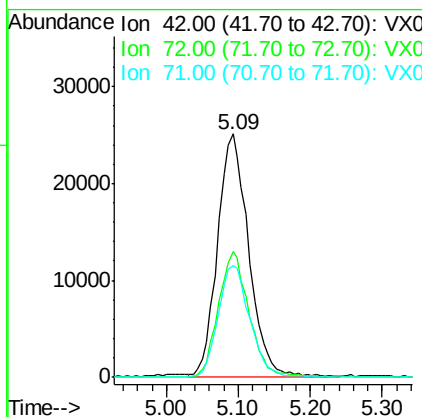
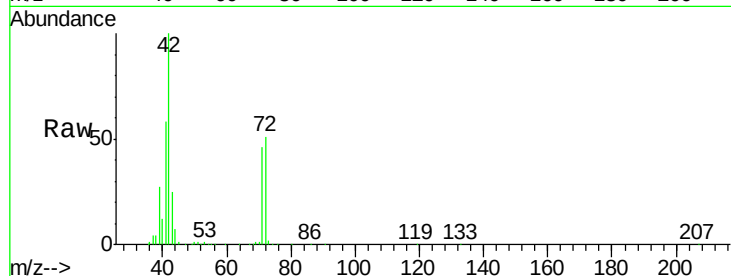
ClientSampleId :

VX0526WBSD01

Tot Ion:	42	Resp:	74868
Ion Ratio	Lower	Upper	
42	100		
72	51.6	40.2	60.4
71	47.2	37.7	56.5

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#30

Chloroform

Concen: 20.513 ug/l

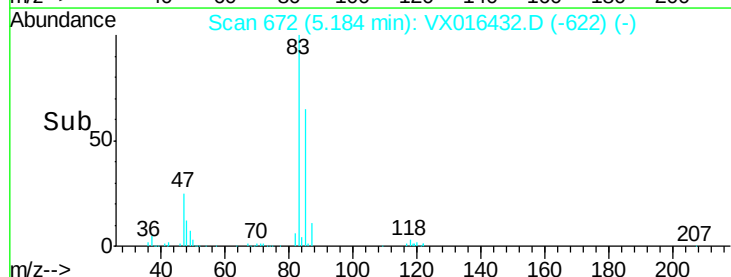
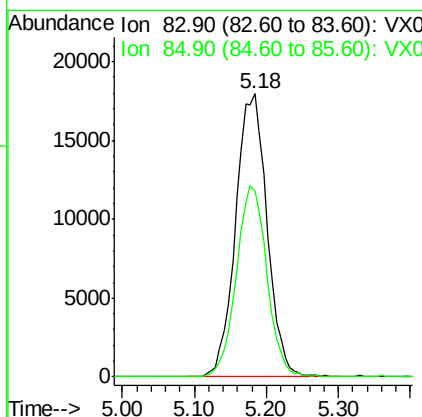
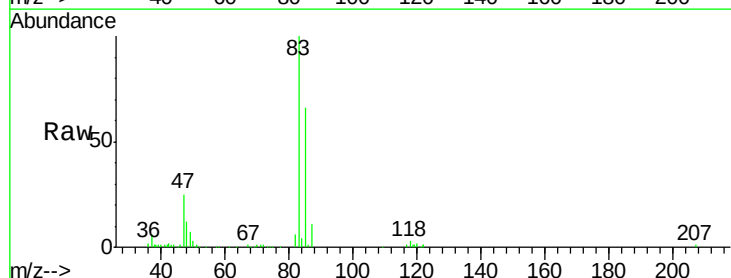
RT: 5.18 min Scan# 672

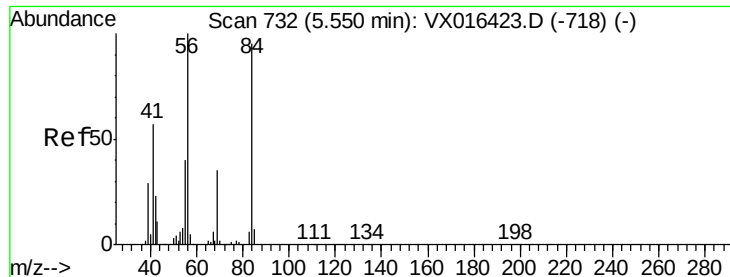
Delta R.T. 0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	83	Resp:	54534
Ion Ratio	Lower	Upper	
83	100		
85	65.7	52.1	78.1





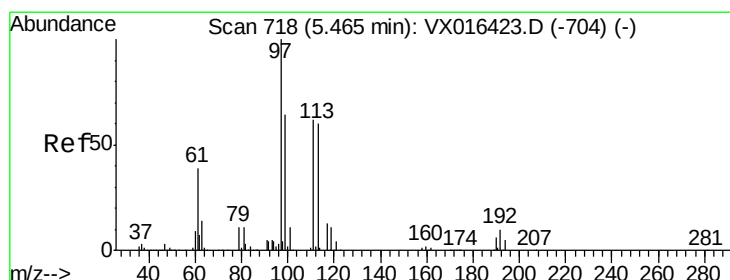
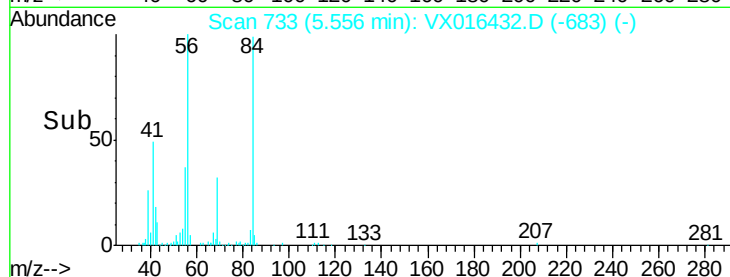
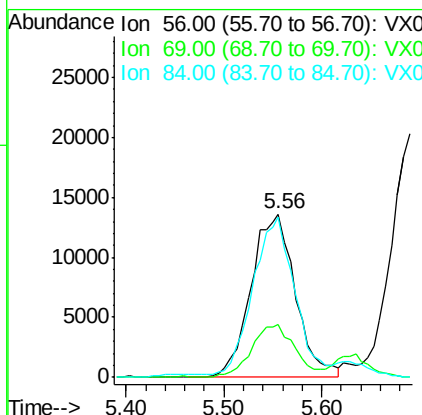
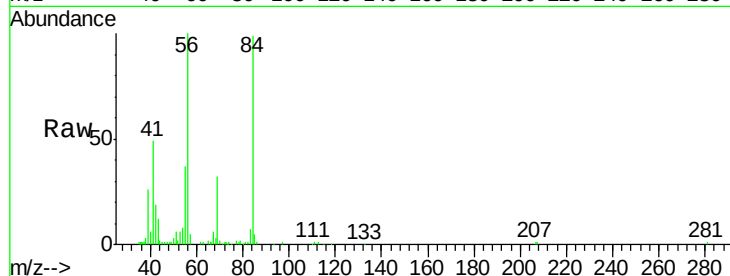
#31
Cyclohexane
Concen: 19.948 ug/l
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.7	41.5
84	96.6	76.1	114.1

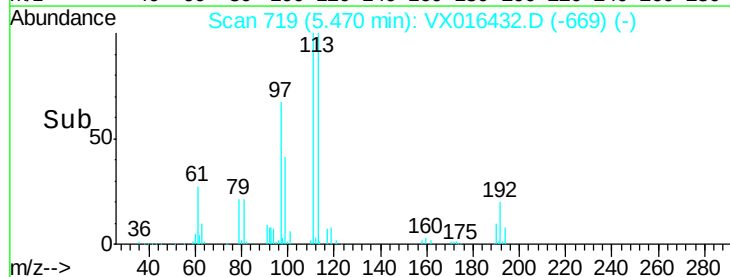
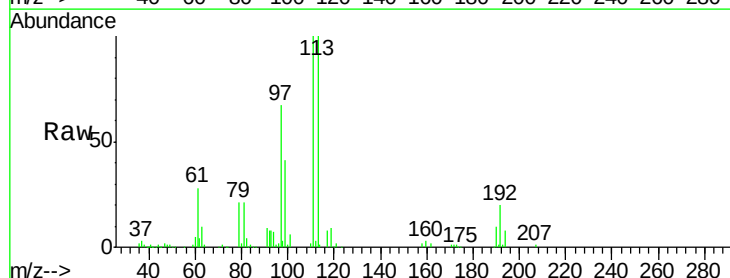
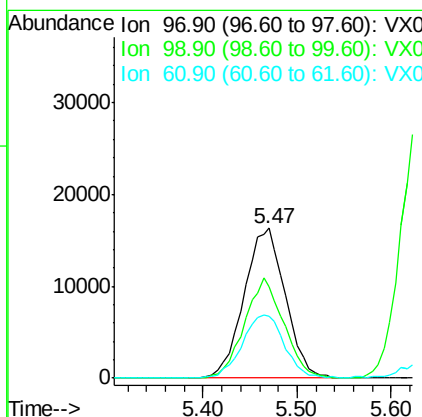
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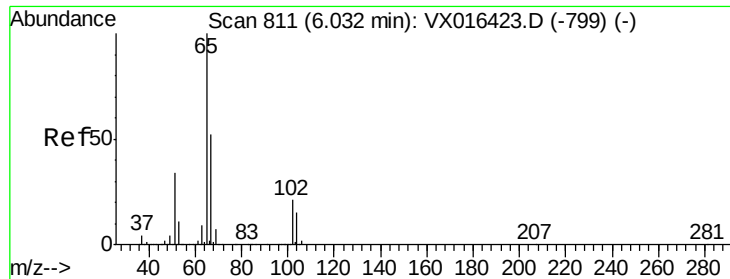
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#32
1,1,1-Trichloroethane
Concen: 20.499 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.1	76.7
61	43.4	33.1	49.7





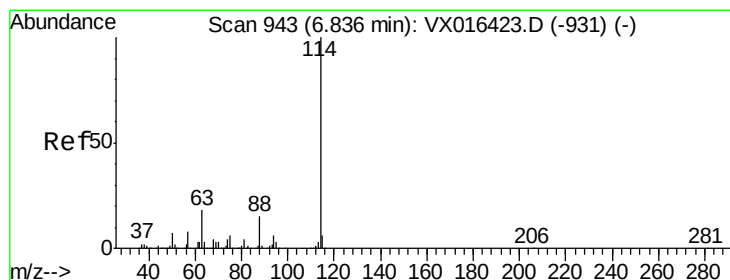
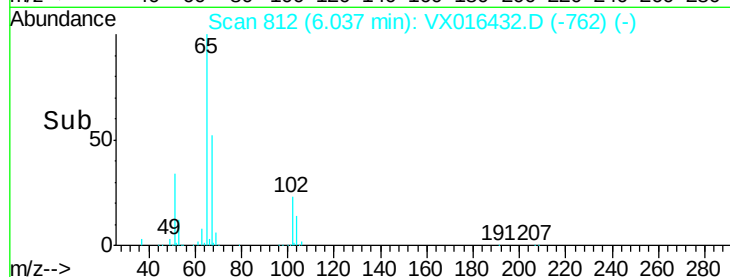
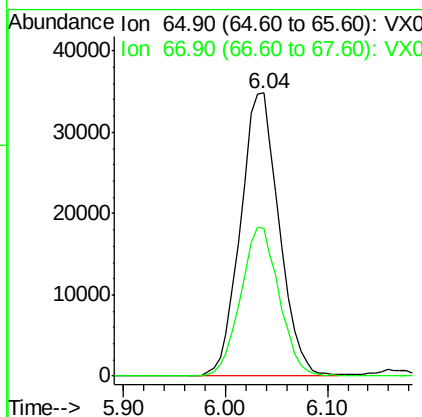
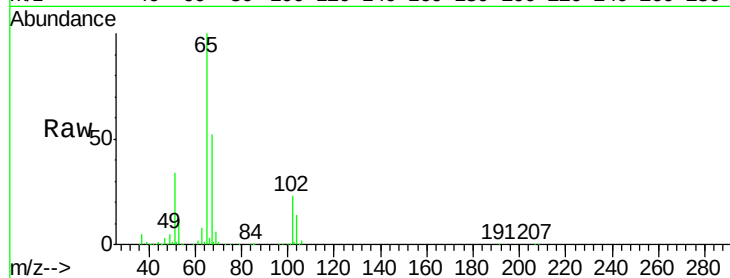
#33
 1,2-Dichloroethane-d4
 Concen: 52.986 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.6	0.0	104.2	

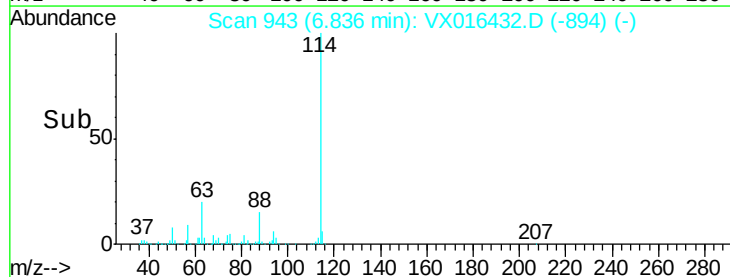
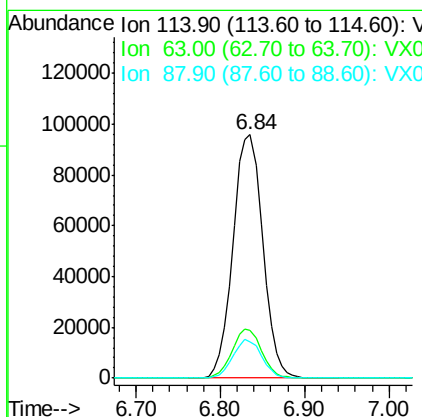
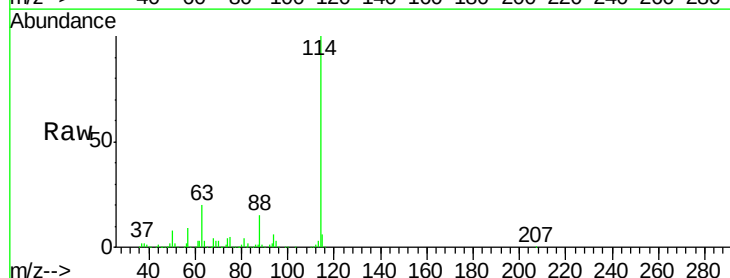
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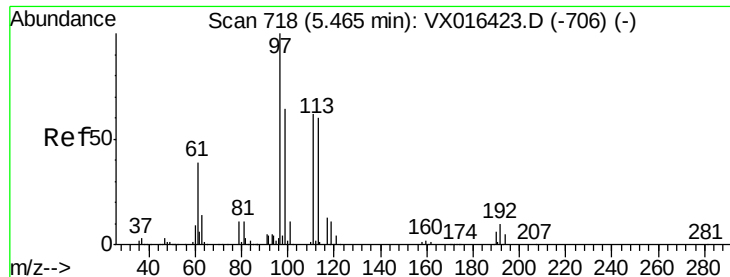
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.5	0.0	36.4	
88	15.0	0.0	29.2	





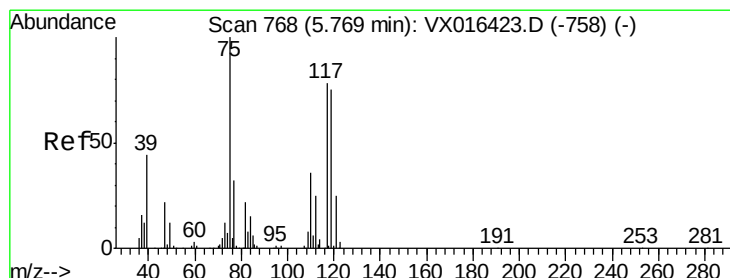
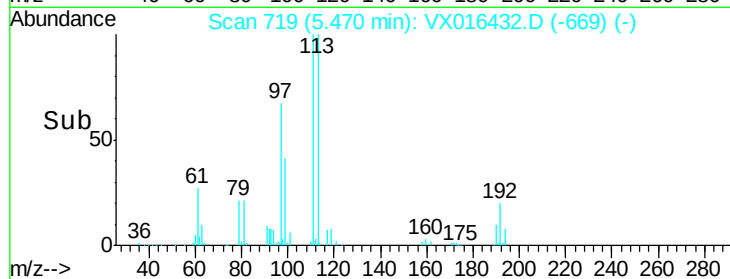
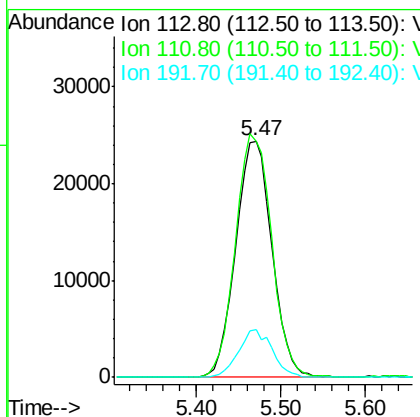
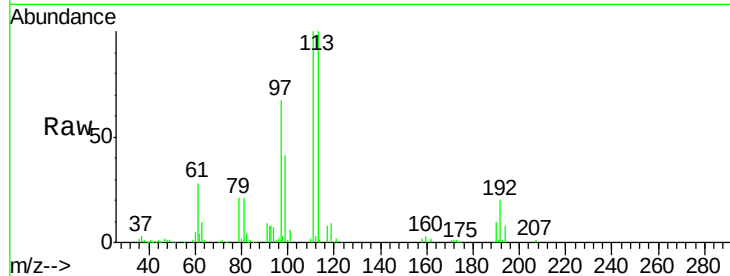
#35
 Dibromofluoromethane
 Concen: 48.422 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.5	123.7
192	18.9	16.5	24.7

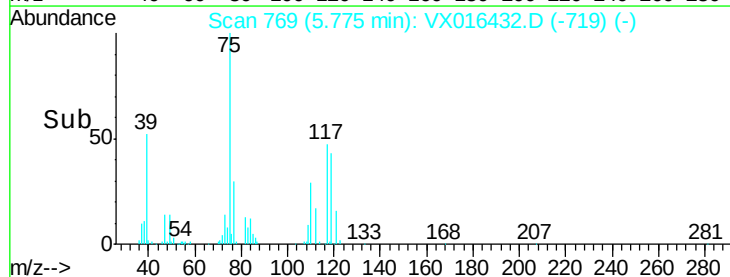
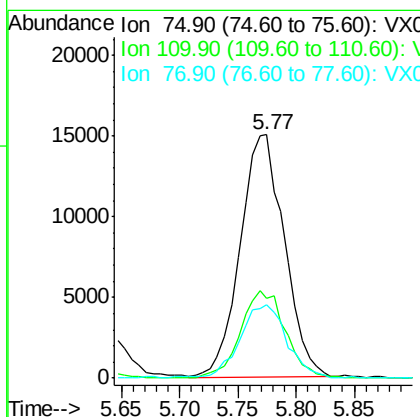
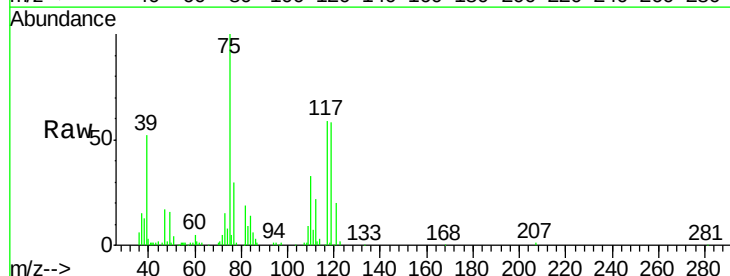
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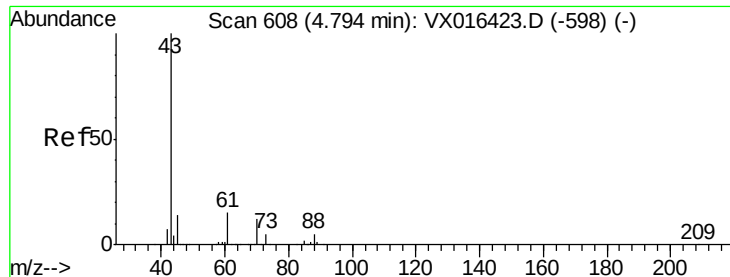
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#36
 1,1-Dichloropropene
 Concen: 19.496 ug/l
 RT: 5.77 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.7	56.1
77	32.3	24.9	37.3





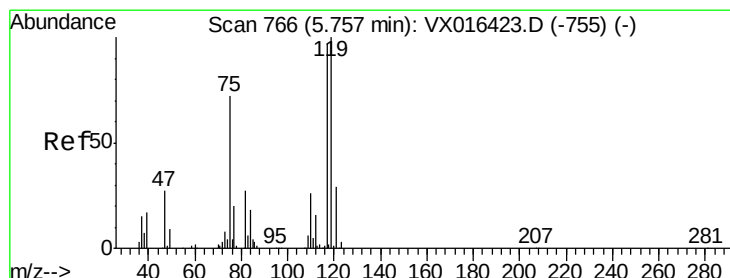
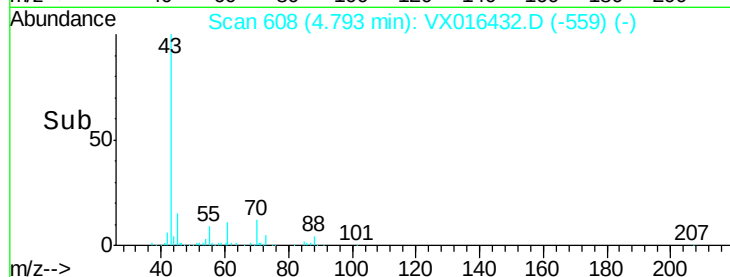
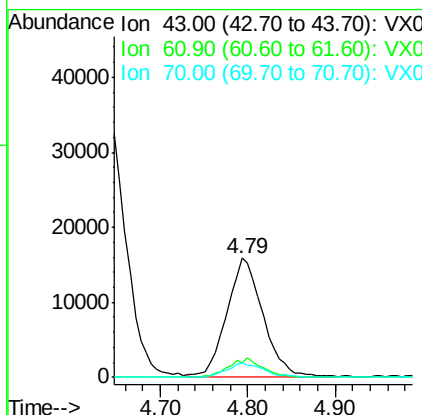
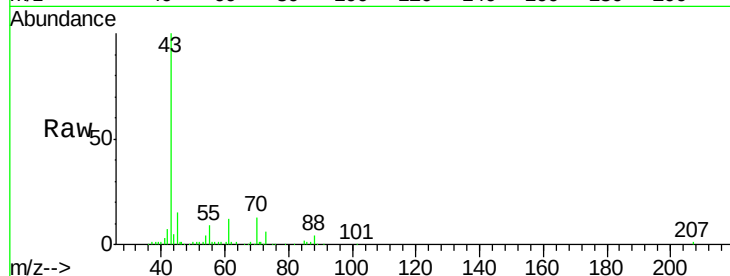
#37
Ethyl Acetate
Concen: 19.931 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion:	43	Resp:	44807
Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.8	17.8
70	12.5	9.6	14.4

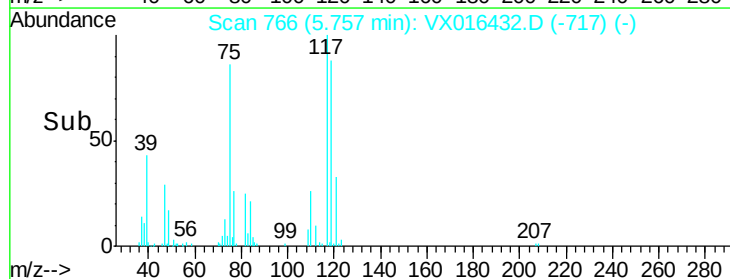
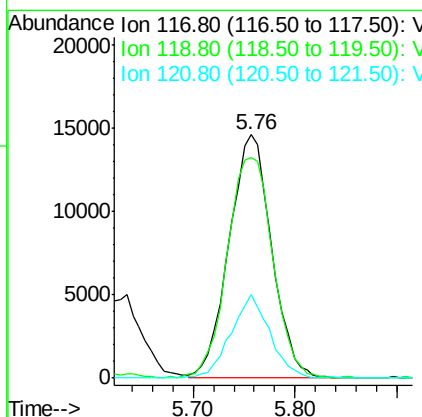
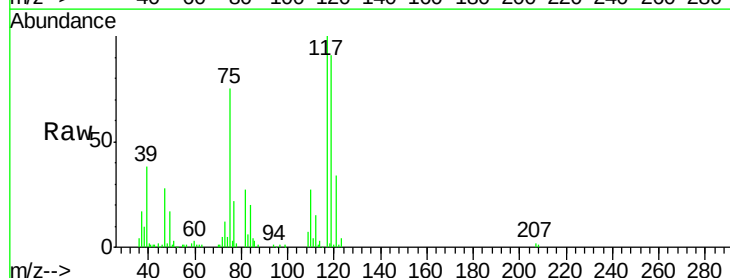
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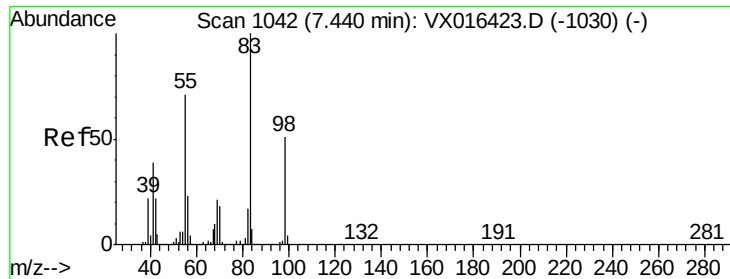
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#38
Carbon Tetrachloride
Concen: 19.140 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion:	117	Resp:	42198
Ion	Ratio	Lower	Upper
117	100		
119	90.8	82.2	123.4
121	34.2	24.1	36.1





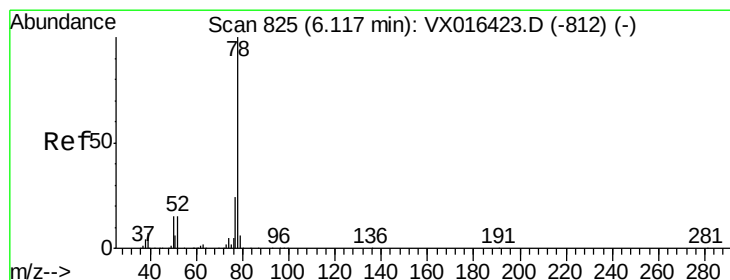
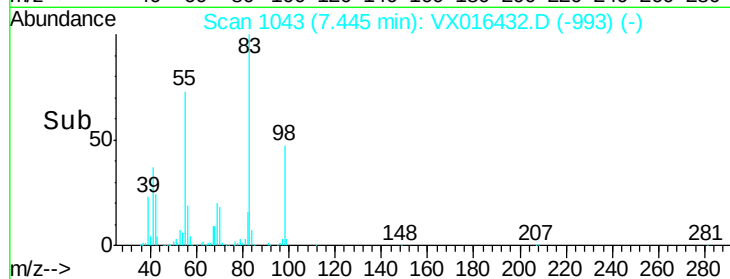
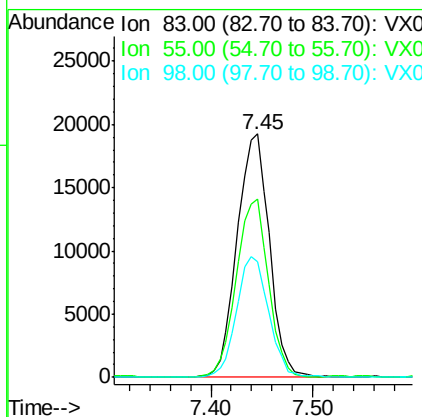
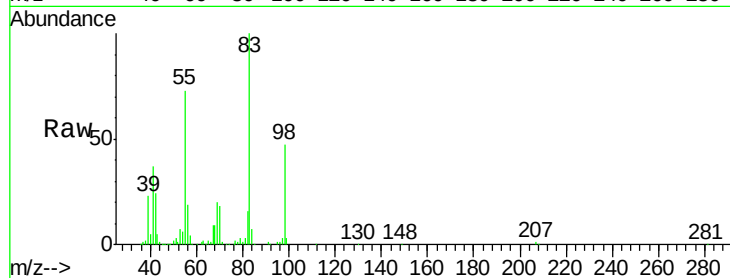
#39
Methylvlcyclohexane
Concen: 18.817 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	83	Resp	42396
Ion	Ratio	Lower	Upper
83	100		
55	72.9	56.8	85.2
98	47.3	40.6	61.0

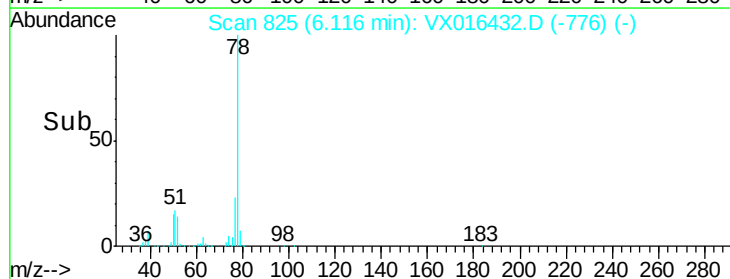
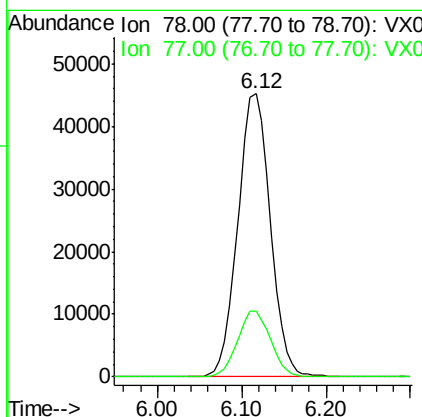
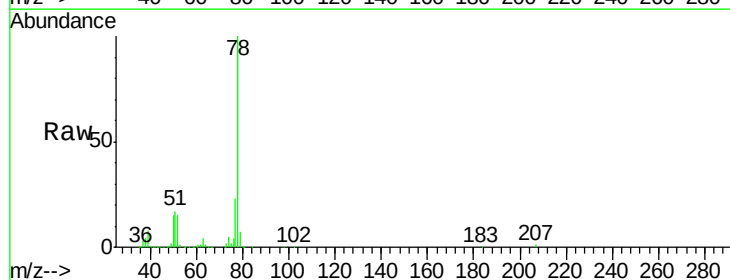
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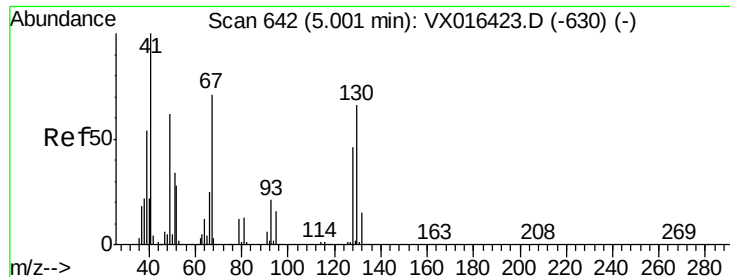
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#40
Benzene
Concen: 19.393 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	78	Resp	117746
Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.9	28.3





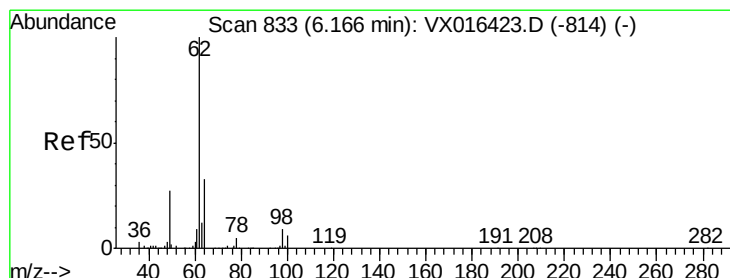
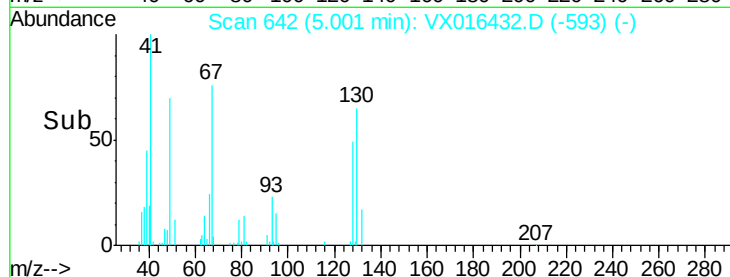
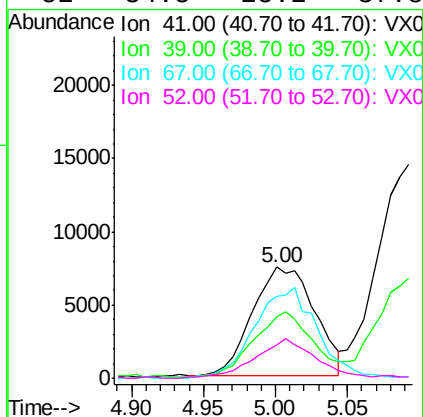
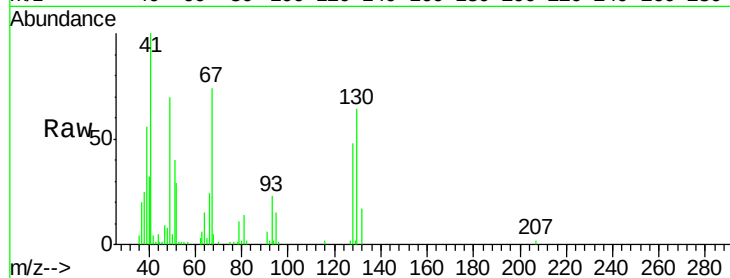
#41
Methacrylonitrile
Concen: 18.705 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion:	41	Resp:	22485
Ion	Ratio	Lower	Upper
41	100		
39	57.5	44.4	66.6
67	83.3	62.2	93.4
52	34.5	25.2	37.8

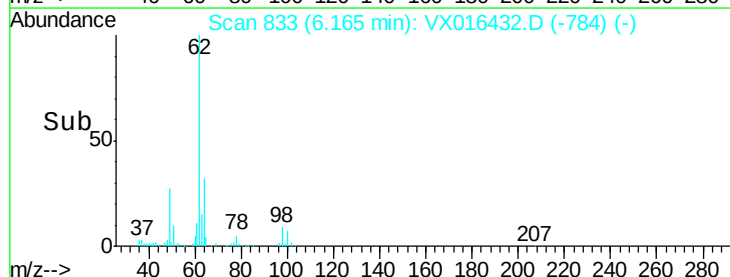
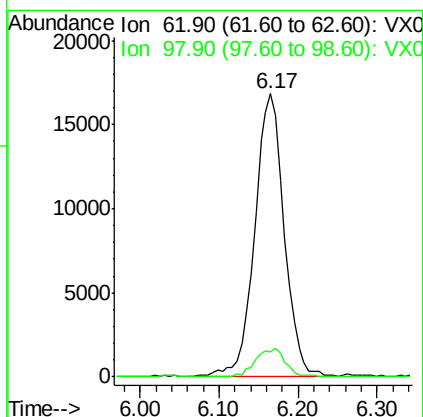
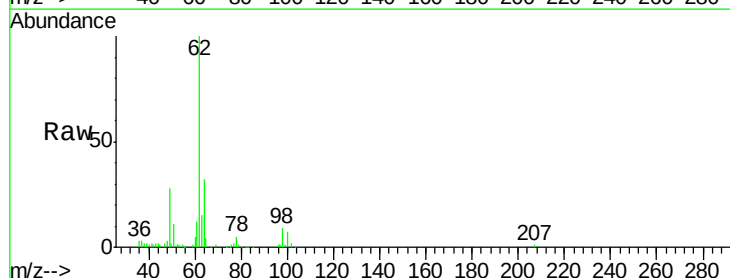
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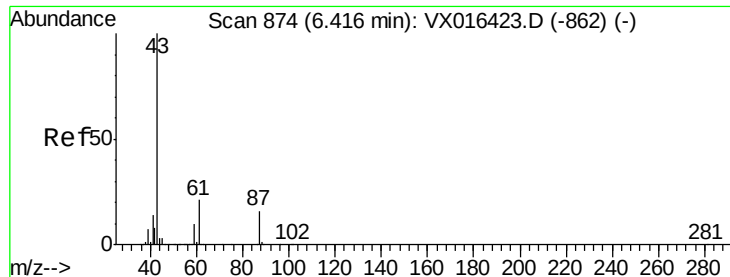
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#42
1,2-Dichloroethane
Concen: 19.724 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion:	62	Resp:	43714
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.4





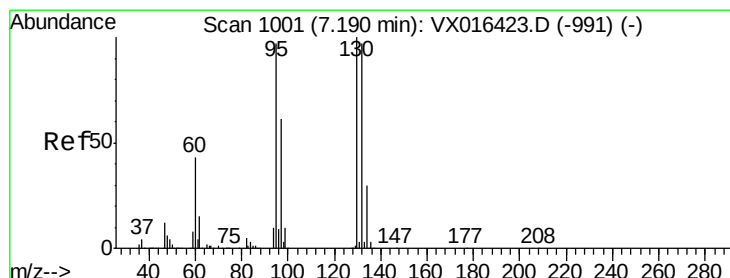
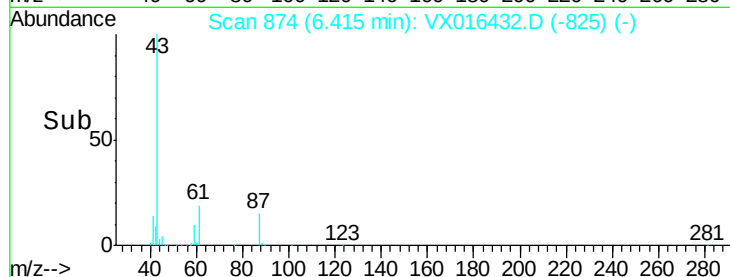
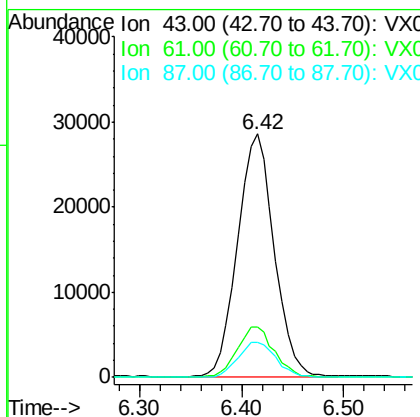
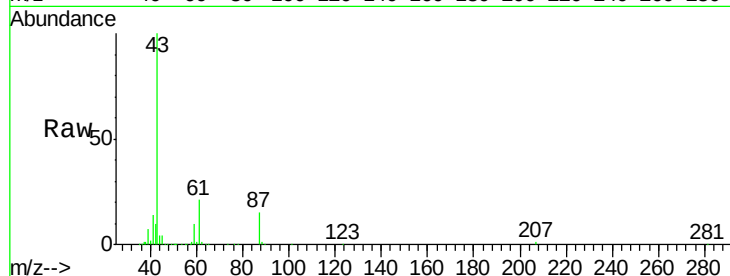
#43
Isopropyl Acetate
Concen: 19.642 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.2	25.8
87	15.1	12.3	18.5

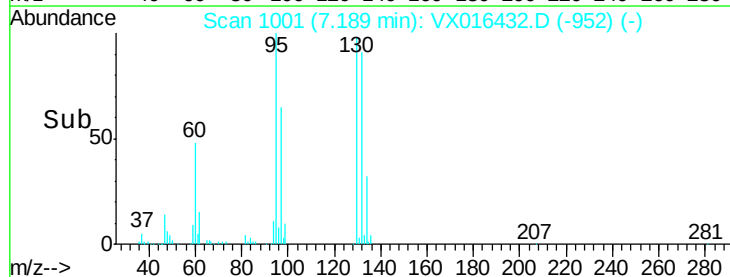
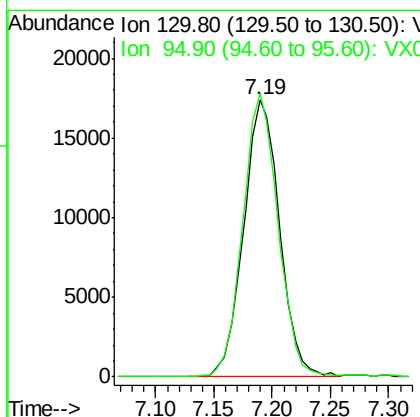
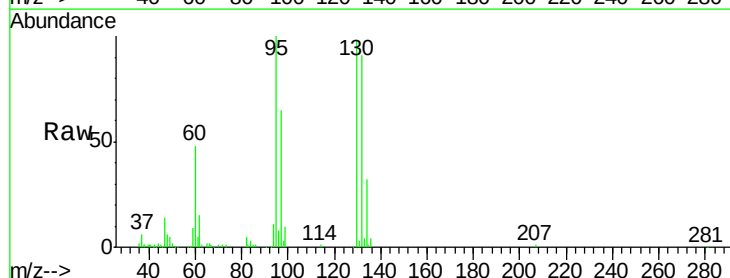
Manual Integrations
APPROVED

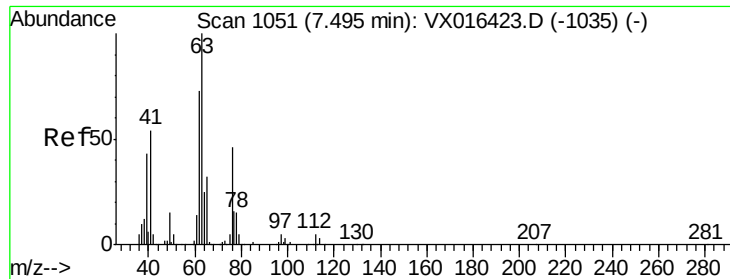
MMDadoda
5/27/2020 12:28:08 PM



#44
Trichloroethene
Concen: 18.768 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	194.0





#45

1,2-Dichloropropane

Concen: 19.596 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

VX0526WBSD01

Tot Ion: 63 Resp: 29715

Ion Ratio Lower Upper

63 100

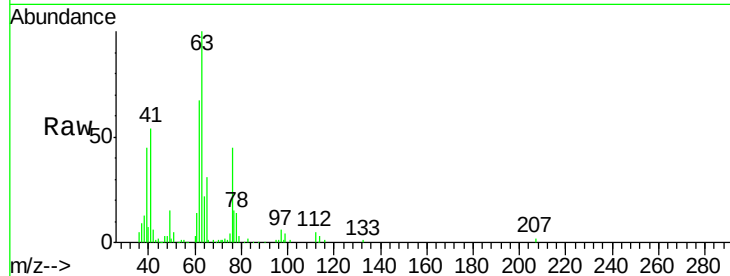
65 30.7 25.3 37.9

Manual Integrations

APPROVED

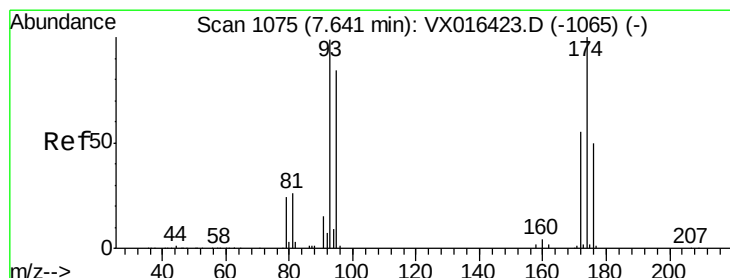
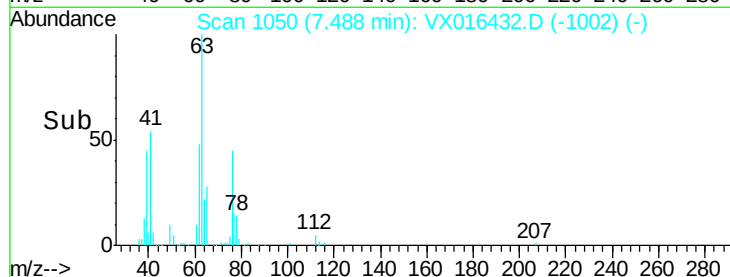
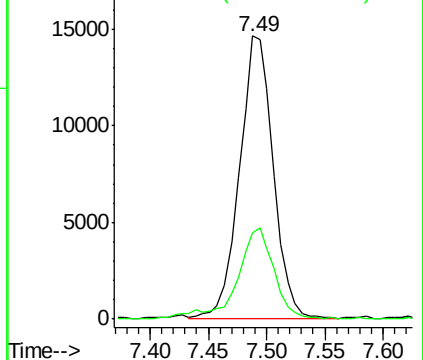
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.231 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

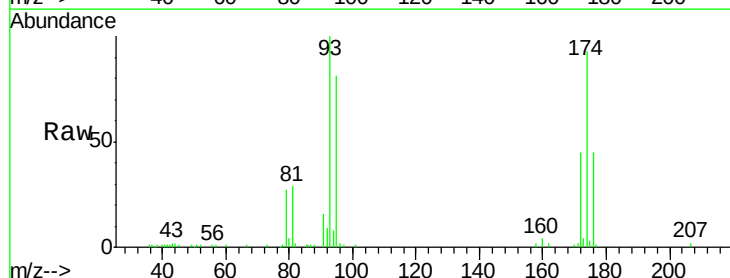
Tgt Ion: 93 Resp: 21249

Ion Ratio Lower Upper

93 100

95 85.1 65.0 97.4

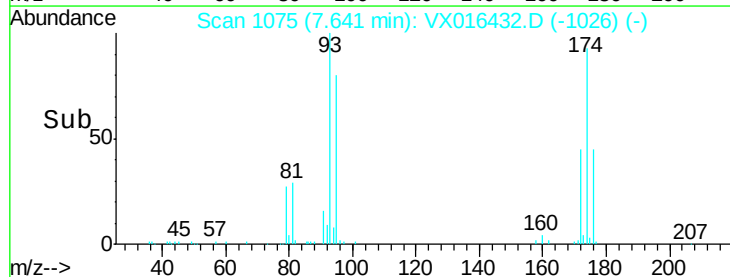
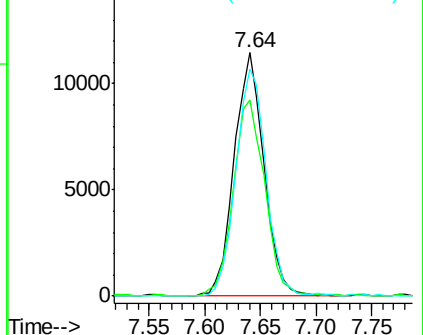
174 94.1 81.4 122.0

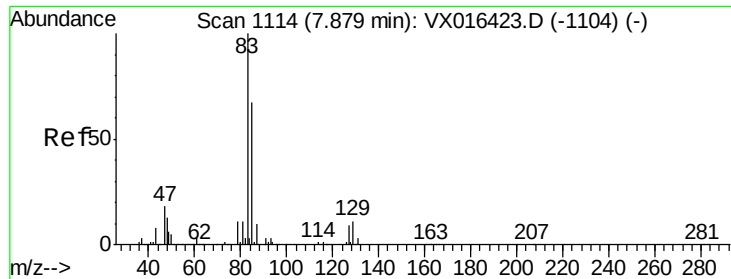


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.476 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

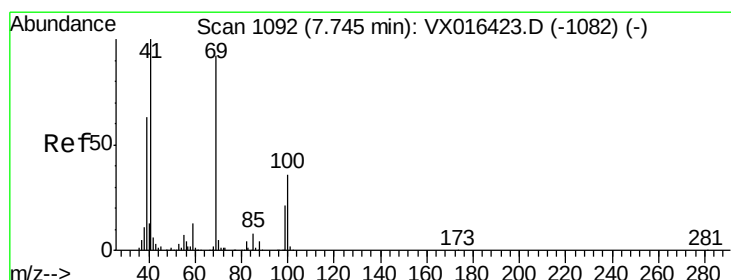
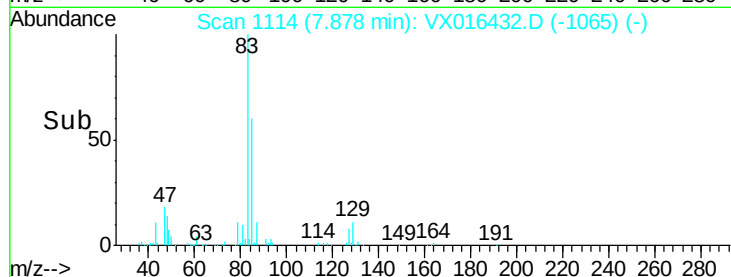
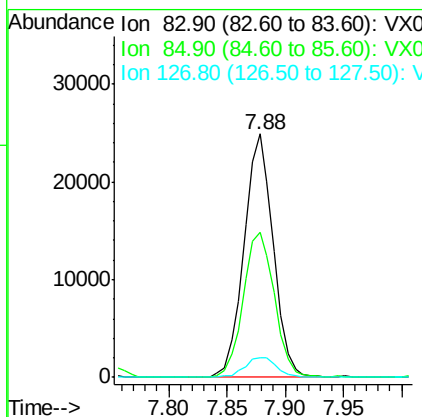
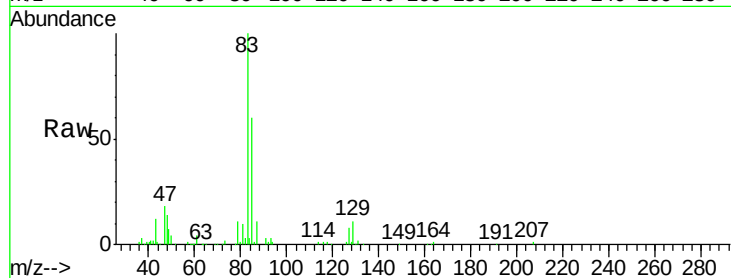
ClientSampleId :

VX0526WBSD01

Tot Ion:	83	Resp:	43464
Ion	Ratio	Lower	Upper
83	100		
85	59.6	53.8	80.8
127	8.1	7.4	11.2

Manual Integrations
APPROVED

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#48

Methyl methacrylate

Concen: 19.054 ug/l

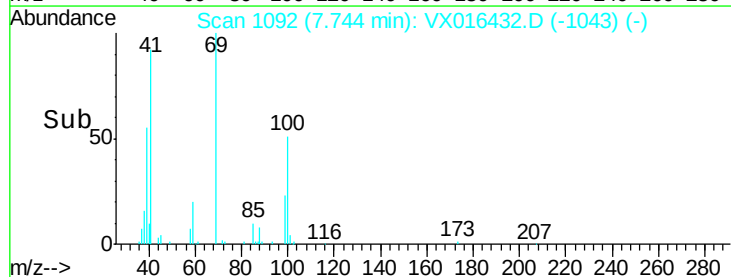
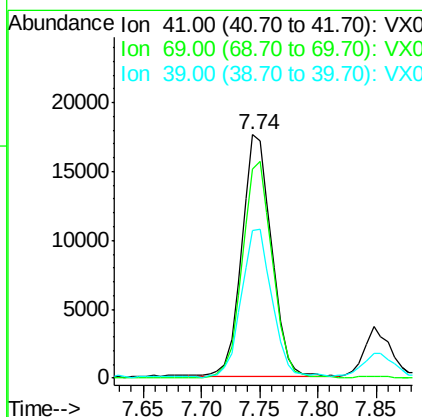
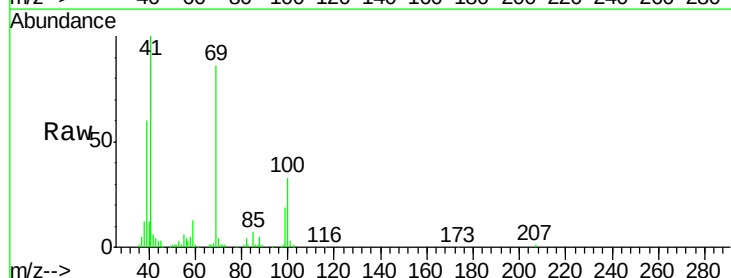
RT: 7.74 min Scan# 1092

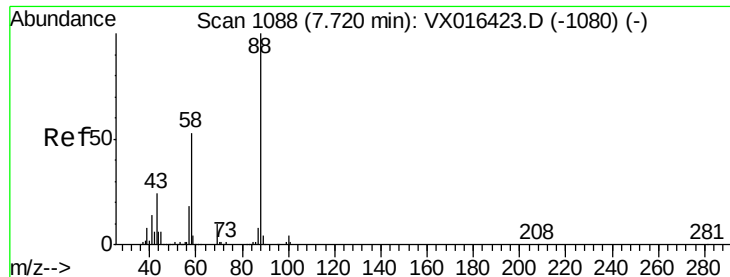
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	41	Resp:	31313
Ion	Ratio	Lower	Upper
41	100		
69	90.9	71.8	107.8
39	62.4	48.6	73.0





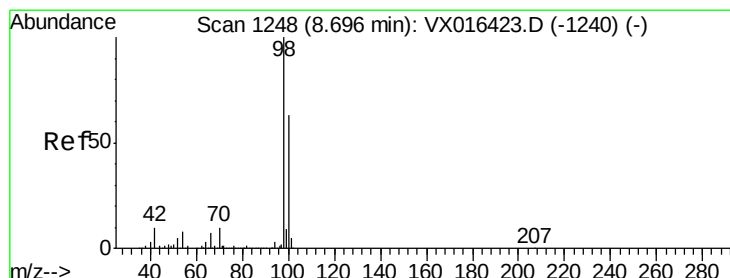
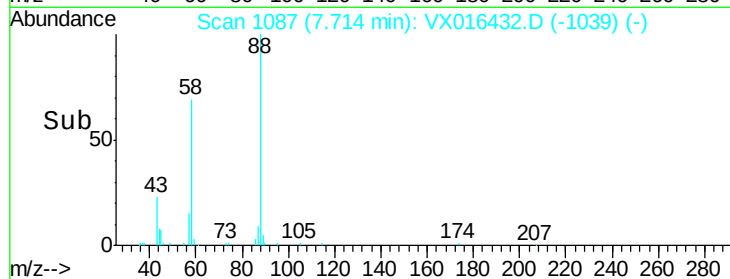
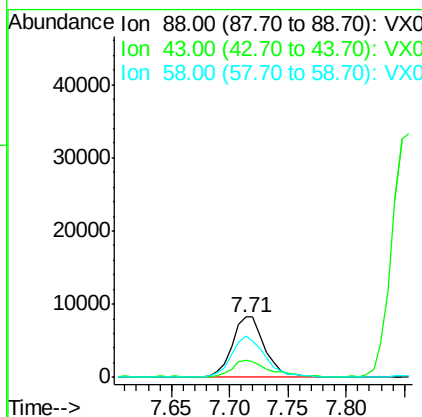
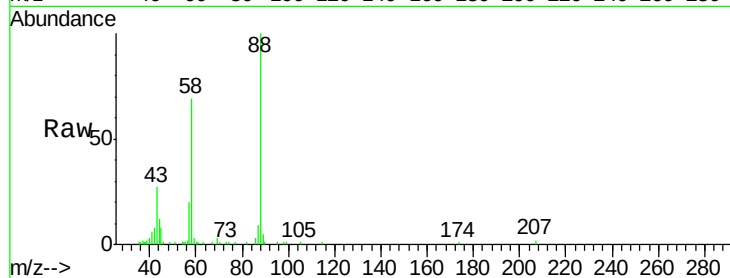
#49
1,4-Dioxane
Concen: 386.567 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	23.0	34.6
58	69.0	51.7	77.5

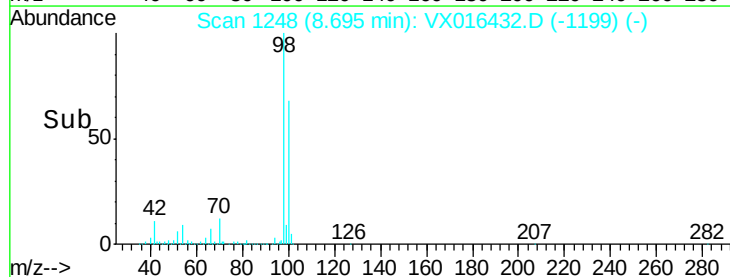
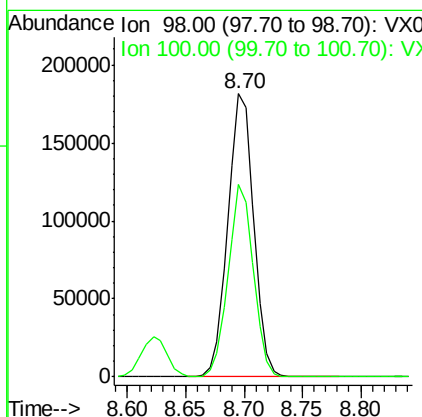
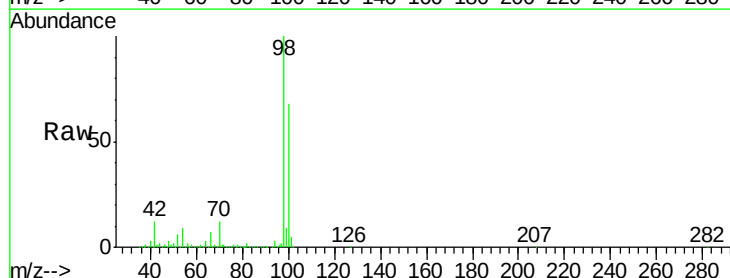
Manual Integrations
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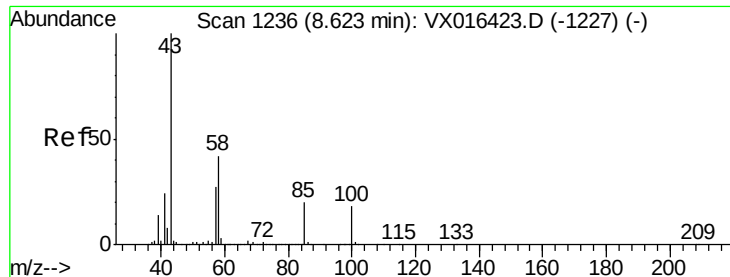
MMDadoda
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#50
Toluene-d8
Concen: 51.965 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.6	78.8





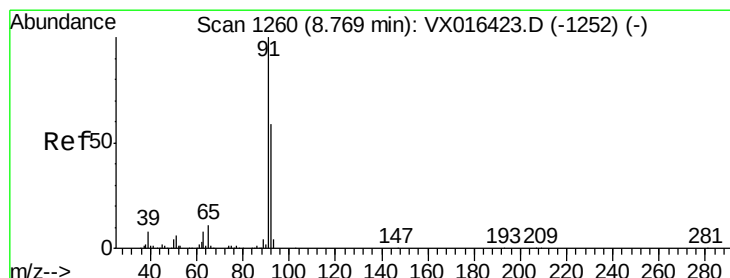
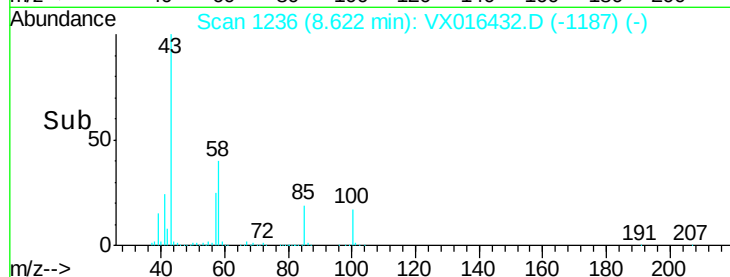
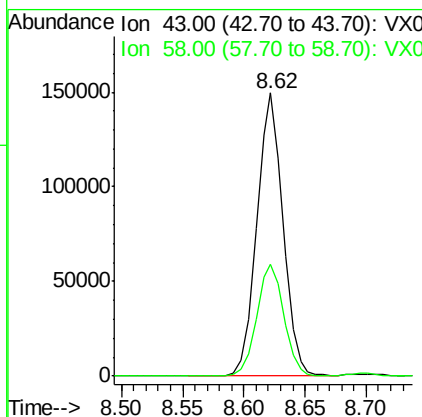
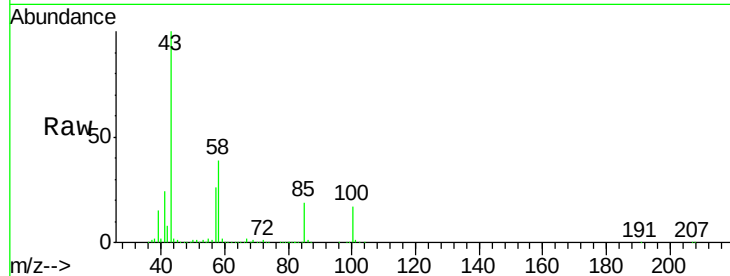
#51
4-Methyl-2-Pentanone
Concen: 98.260 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.8	33.8	50.6

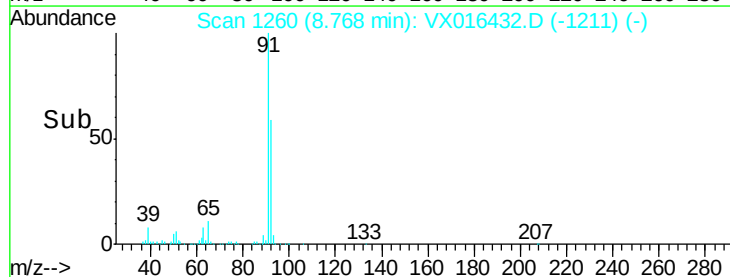
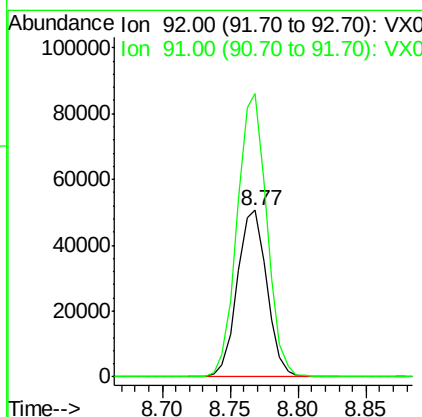
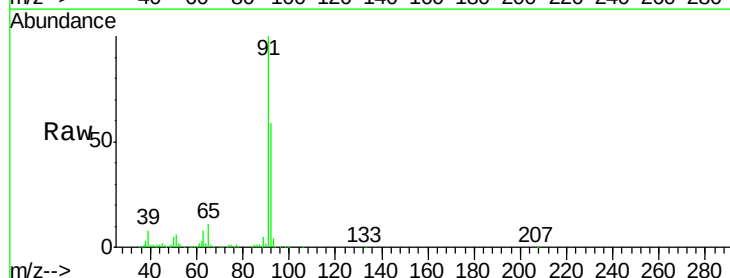
Manual Integrations
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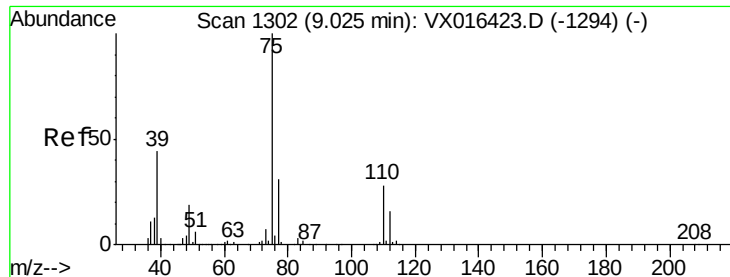
MMDadoda
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#52
Toluene
Concen: 19.769 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	135.7	203.5





#53

t-1,3-Dichloropropene

Concen: 19.048 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 75 Resp: 48377

Ion Ratio Lower Upper

75 100

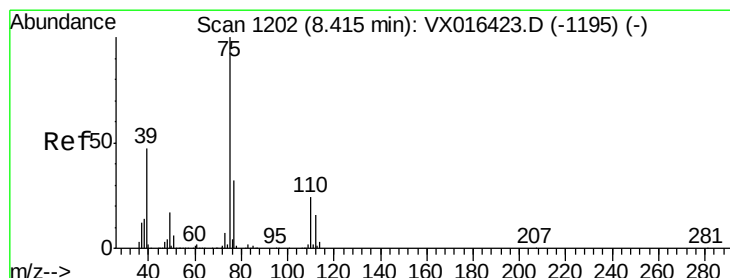
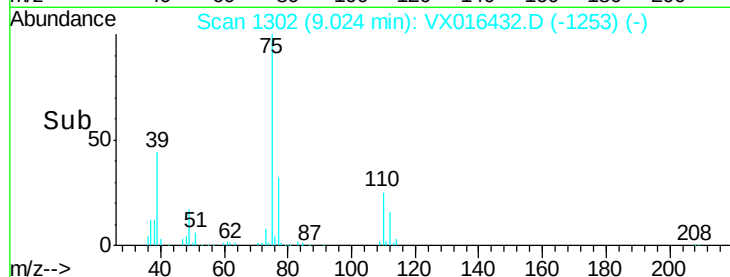
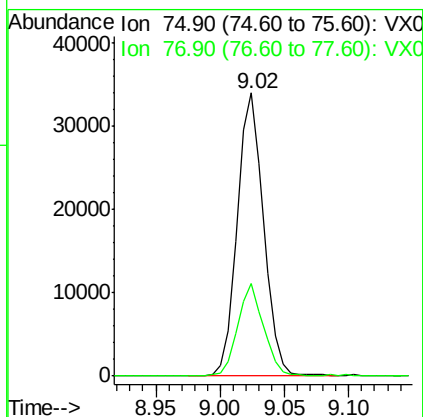
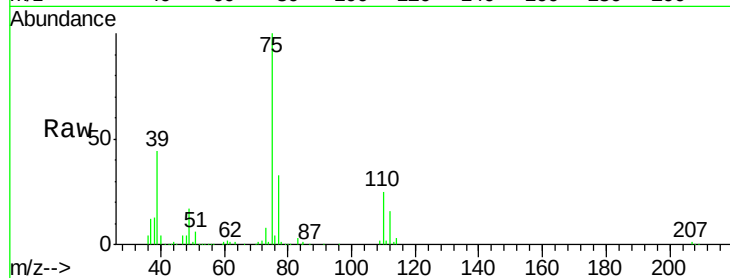
77 32.4 25.0 37.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.407 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

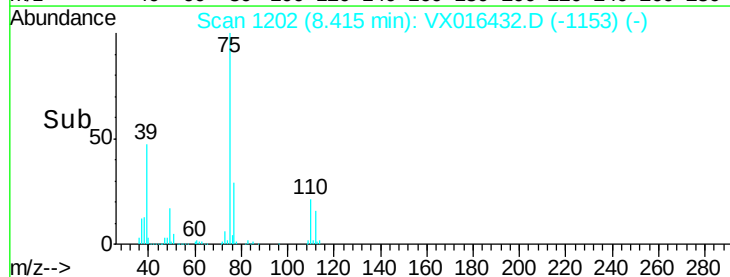
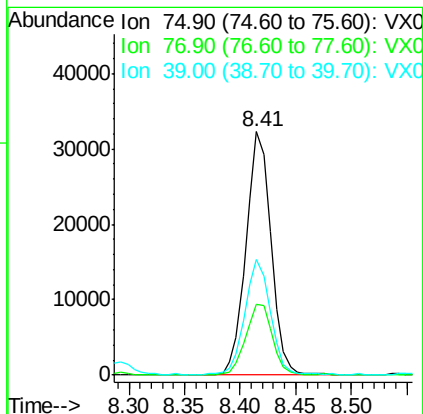
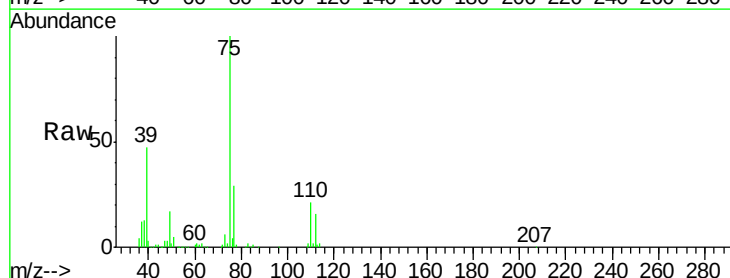
Tgt Ion: 75 Resp: 50675

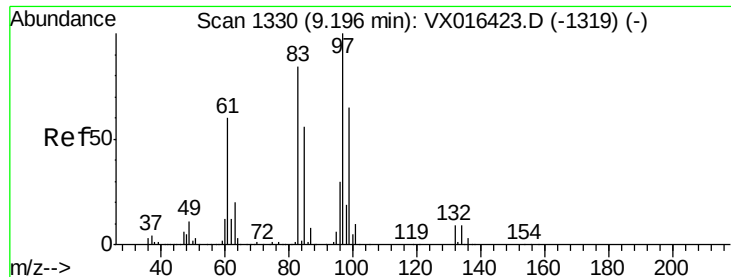
Ion Ratio Lower Upper

75 100

77 29.2 25.4 38.0

39 47.0 37.7 56.5





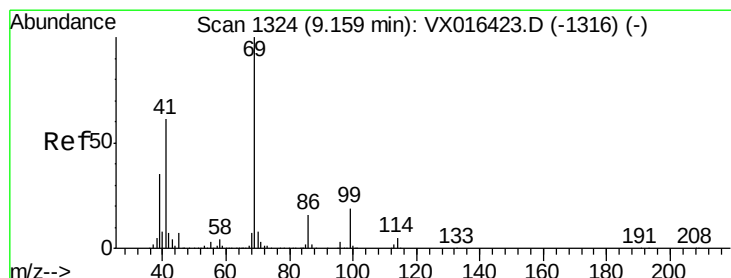
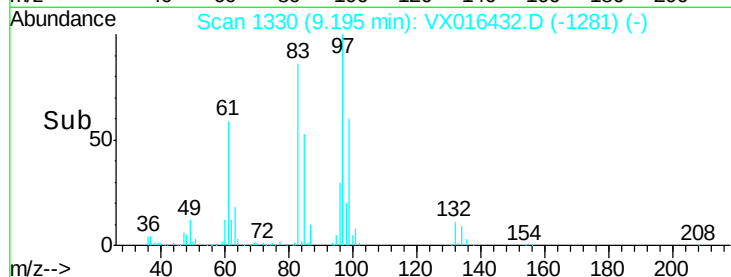
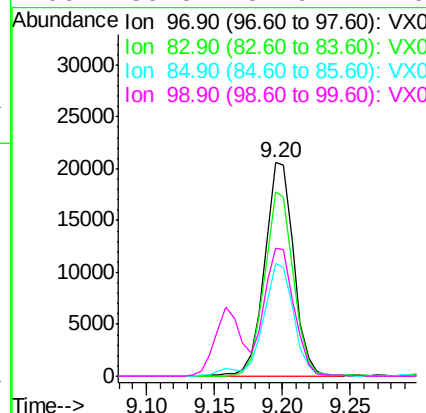
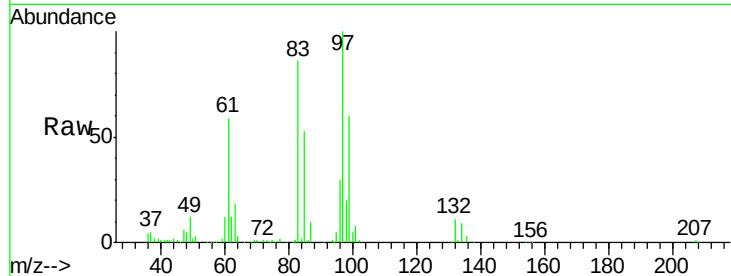
#55
 1,1,2-Trichloroethane
 Concen: 19.562 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Tot Ion:	97	Resp:	31077
Ion	Ratio	Lower	Upper
97	100		
83	86.0	66.9	100.3
85	52.9	45.2	67.8
99	59.3	51.9	77.9

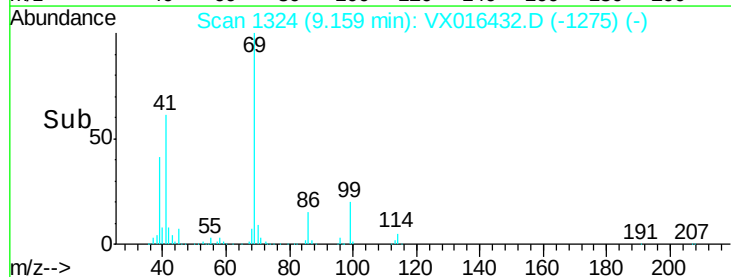
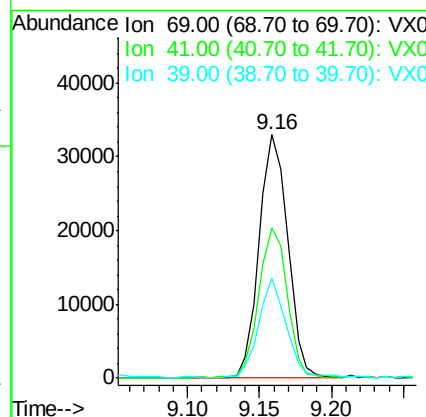
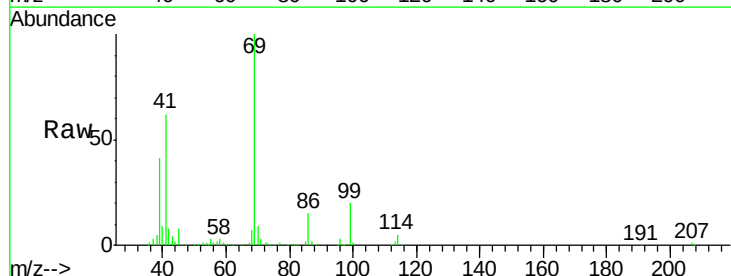
Manual Integrations
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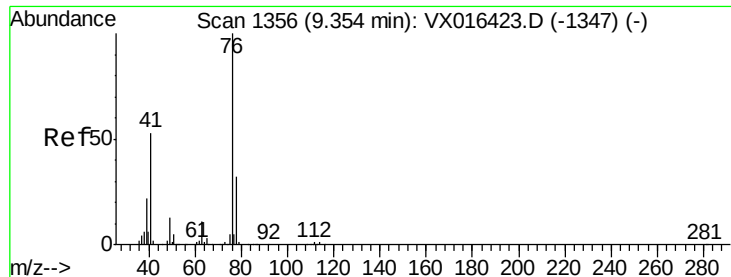
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#56
 Ethyl methacrylate
 Concen: 18.938 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion:	69	Resp:	45273
Ion	Ratio	Lower	Upper
69	100		
41	60.9	47.9	71.9
39	39.2	28.7	43.1





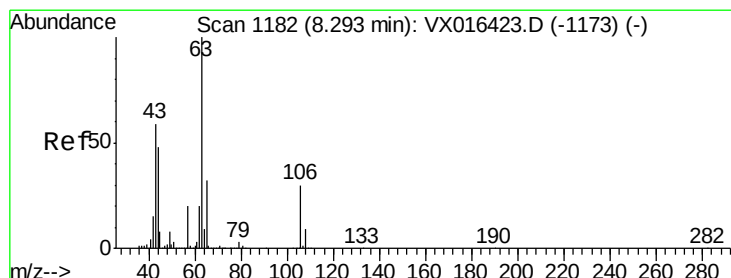
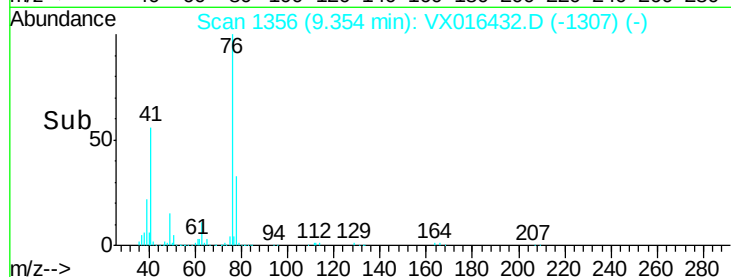
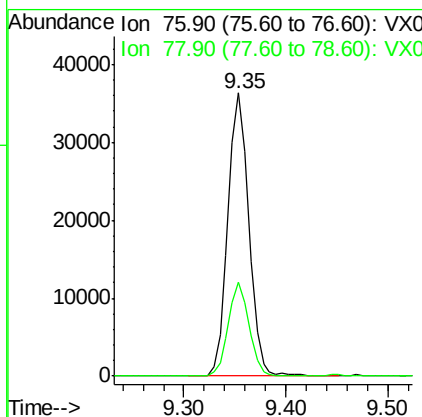
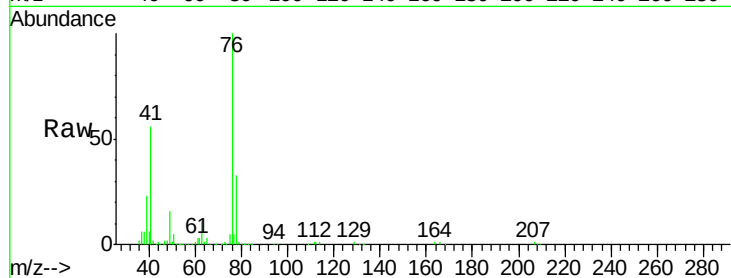
#57
 1,3-Dichloropropane
 Concen: 19.661 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.1	39.1

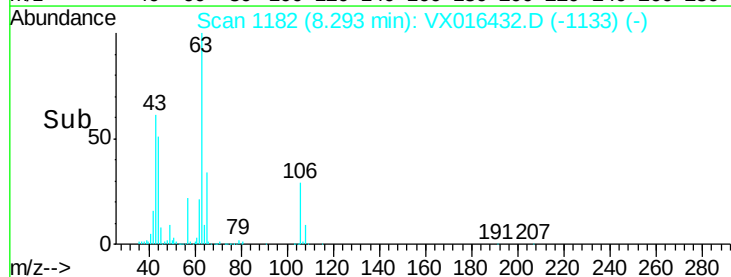
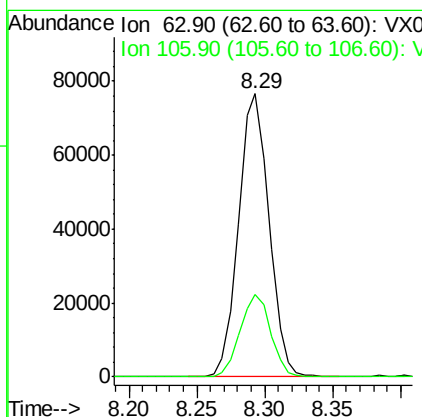
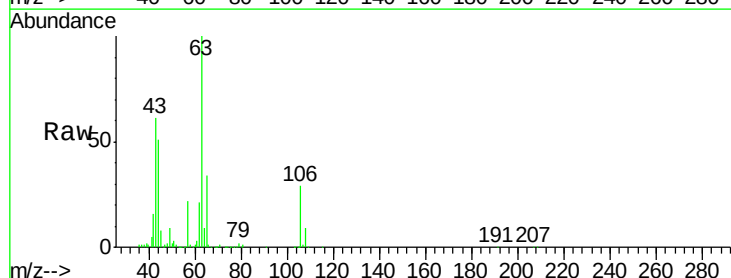
Manual Integrations
 APPROVED

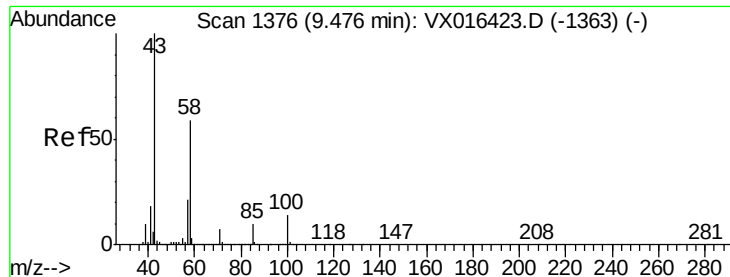
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 5/27/2020 12:28:08 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.453 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	24.6	36.8





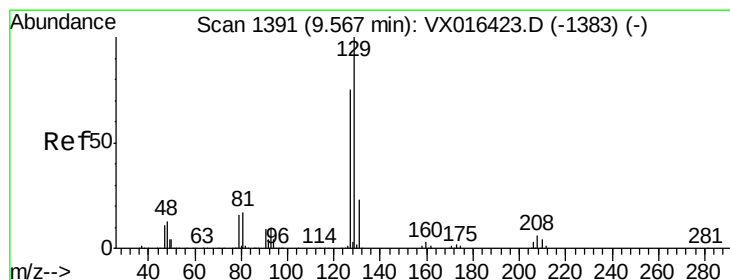
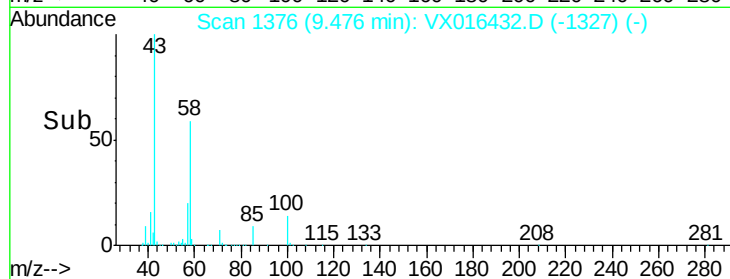
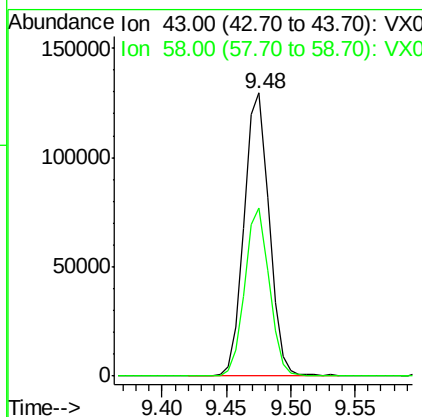
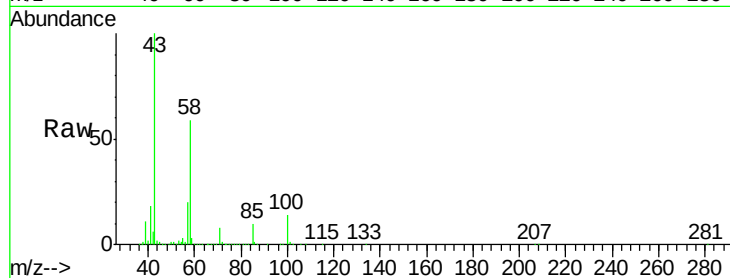
#59
2-Hexanone
Concen: 98.570 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	58.1	29.1	87.3

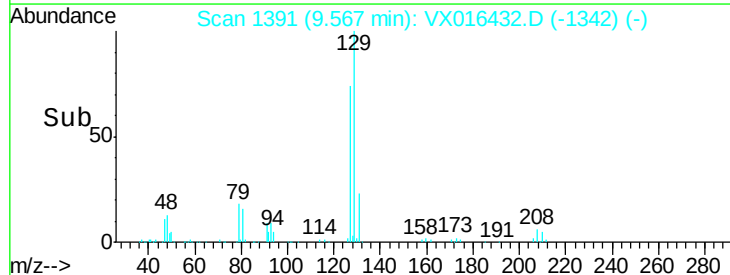
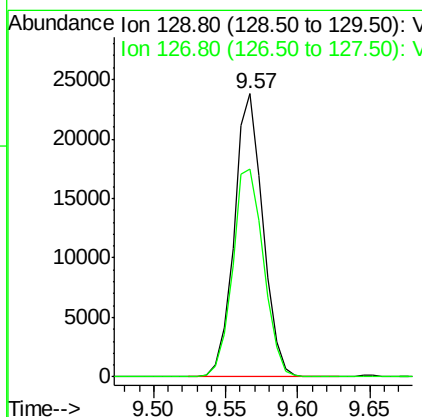
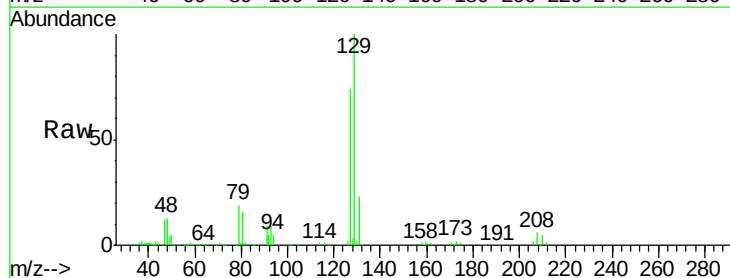
Manual Integrations
APPROVED

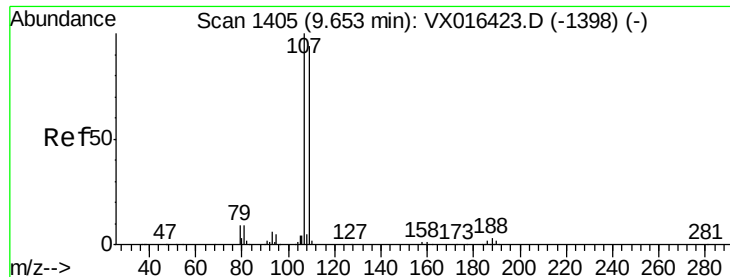
MMDadoda
5/27/2020 12:28:08 PM



#60
Dibromochloromethane
Concen: 18.117 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.5	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.298 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 107 Resp: 33643

Ion Ratio Lower Upper

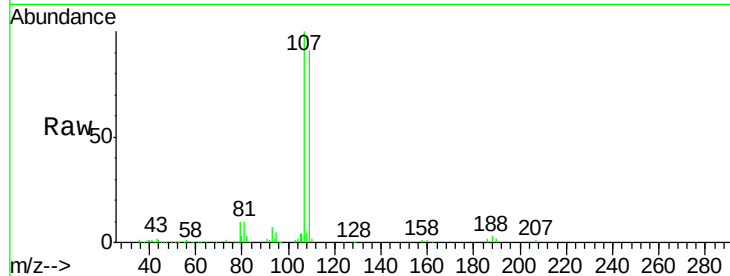
107 100

109 95.7 75.0 112.6

Manual Integrations
APPROVED

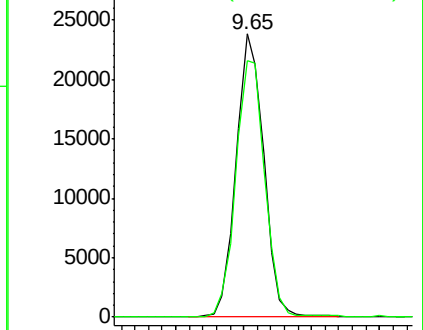
MMDadoda

5/27/2020 12:28:08 PM

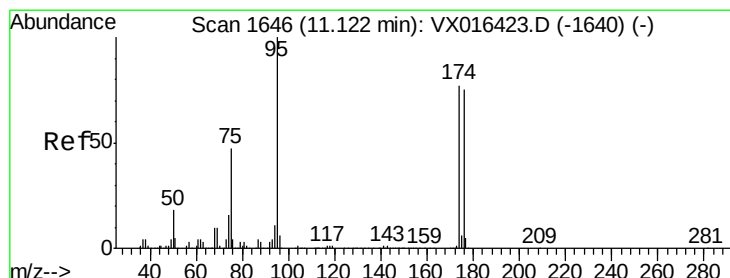
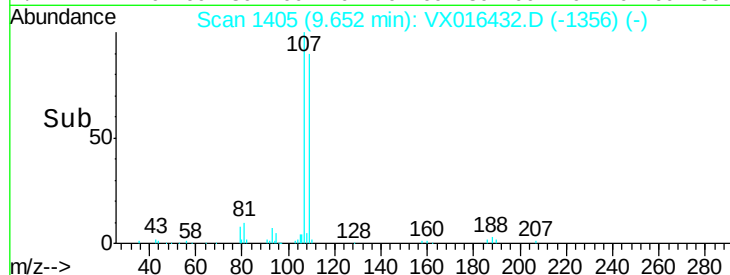


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 50.373 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

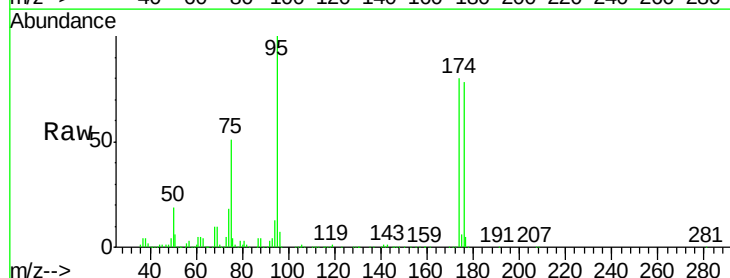
Tgt Ion: 95 Resp: 101065

Ion Ratio Lower Upper

95 100

174 78.7 0.0 162.6

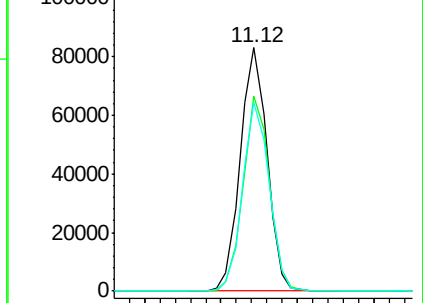
176 77.1 0.0 158.2



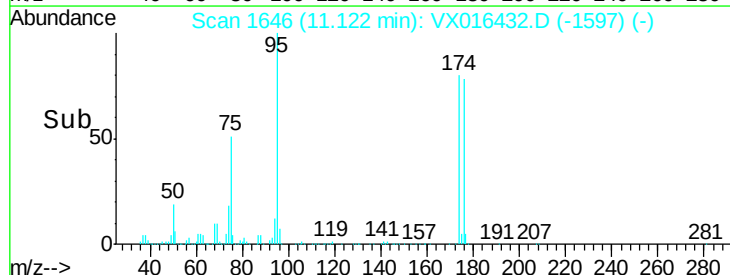
Abundance Ion 94.90 (94.60 to 95.60): VX0

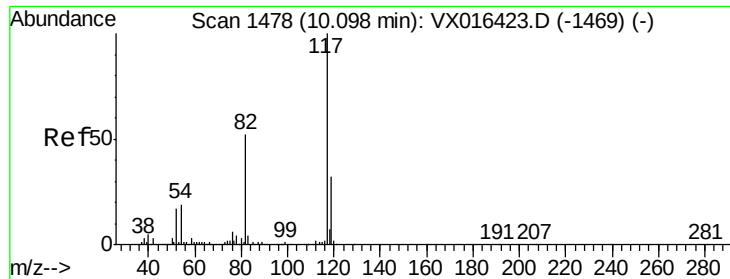
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





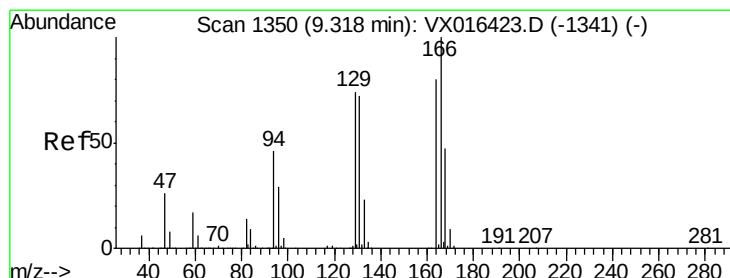
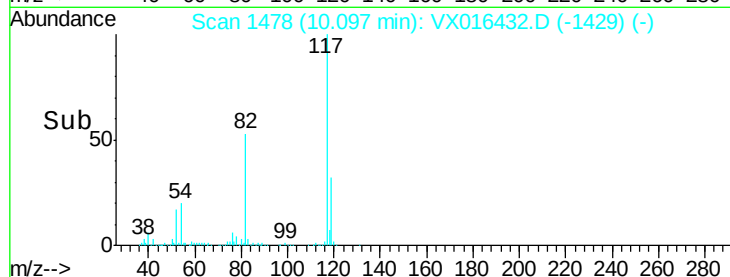
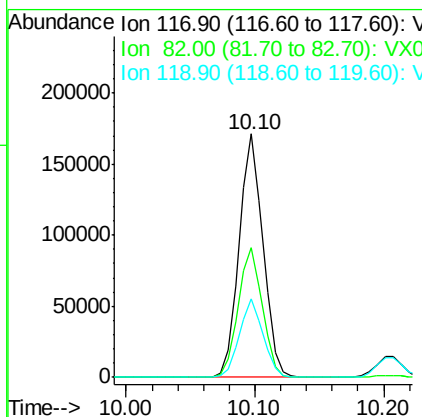
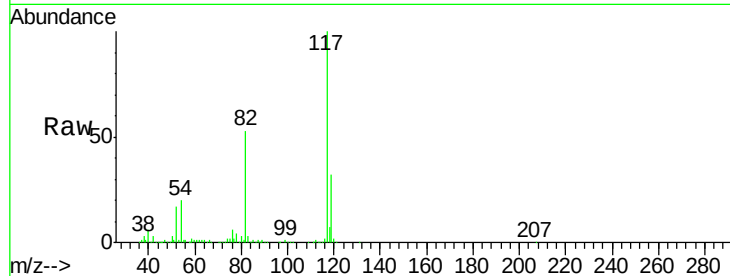
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	220252		
82	53.4		41.8	62.6
119	32.1		25.7	38.5

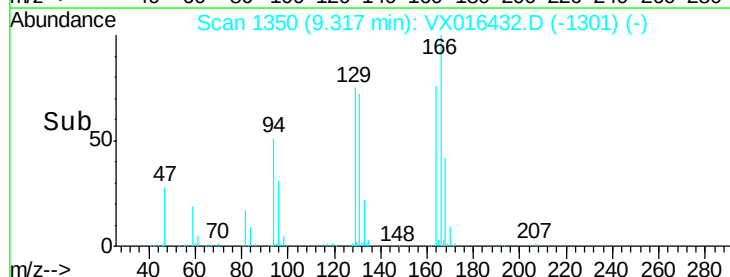
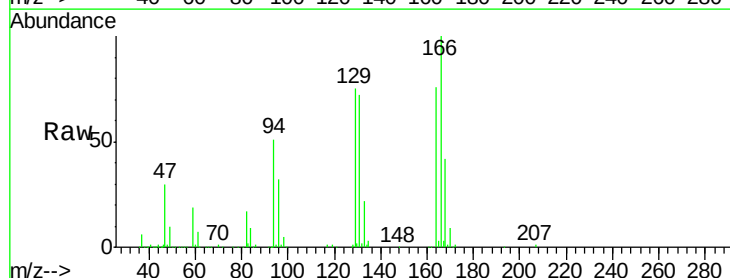
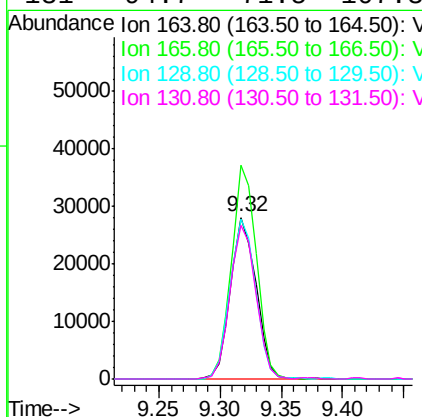
Manual Integrations
APPROVED

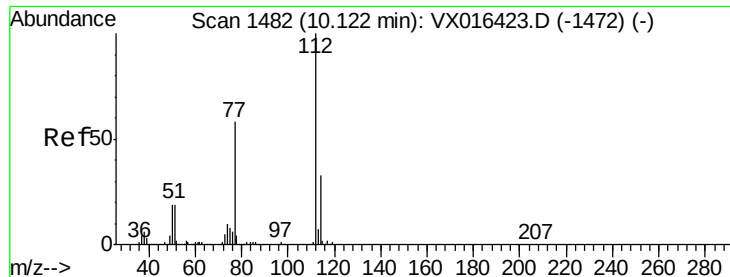
MMDadoda
5/27/2020 12:28:08 PM



#64
Tetrachloroethene
Concen: 17.650 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	40498		
166	132.1		99.5	149.3
129	98.9		73.4	110.0
131	94.7		71.5	107.3





#65

Chlorobenzene

Concen: 19.201 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion:112 Resp: 83425

Ion Ratio Lower Upper

112 100

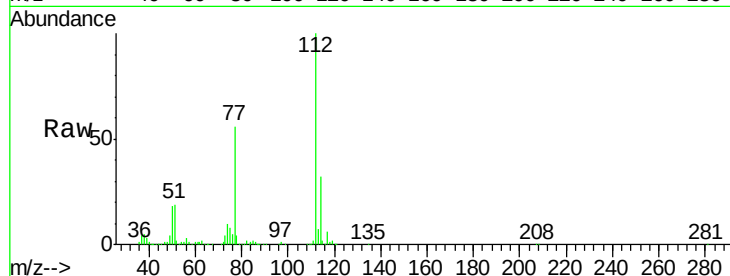
114 32.3 26.6 40.0

Manual Integrations

APPROVED

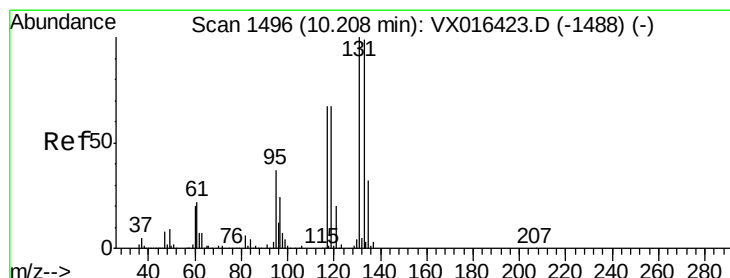
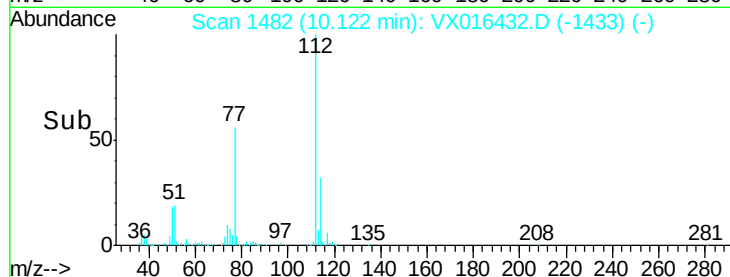
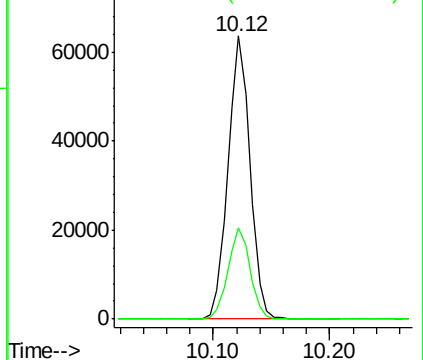
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.925 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

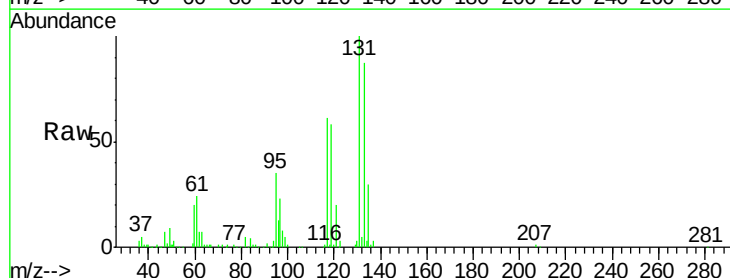
Tgt Ion:131 Resp: 31928

Ion Ratio Lower Upper

131 100

133 92.2 48.0 144.2

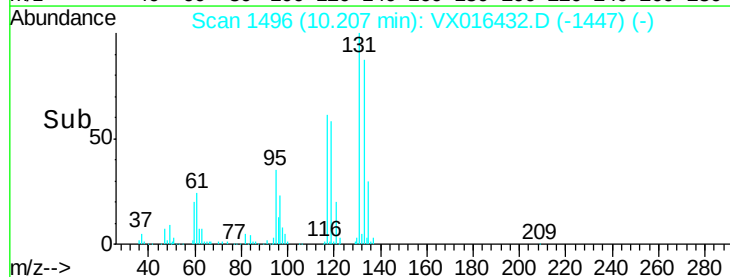
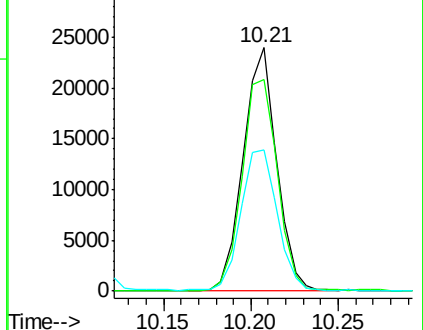
119 64.1 33.0 98.9

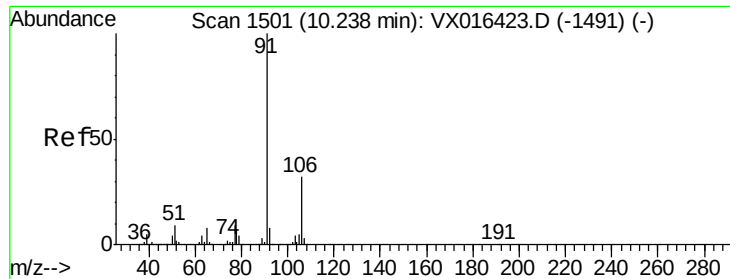


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





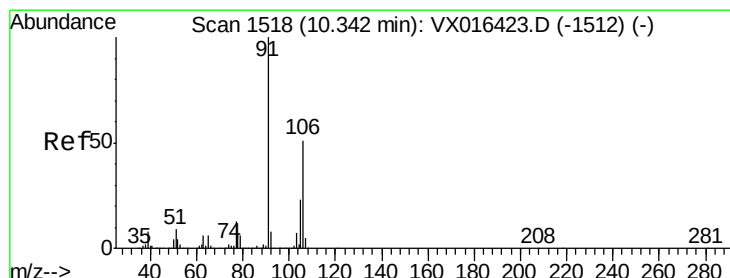
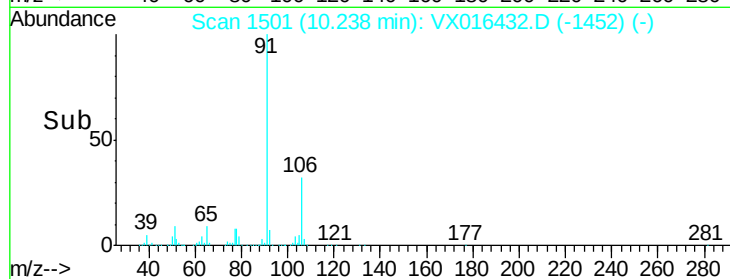
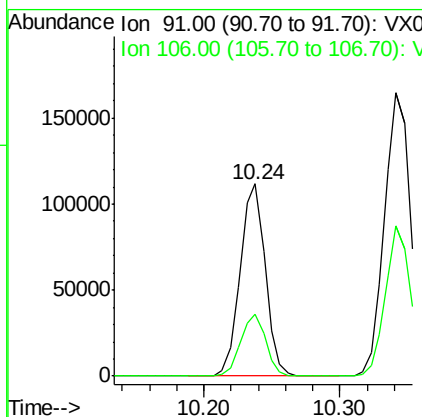
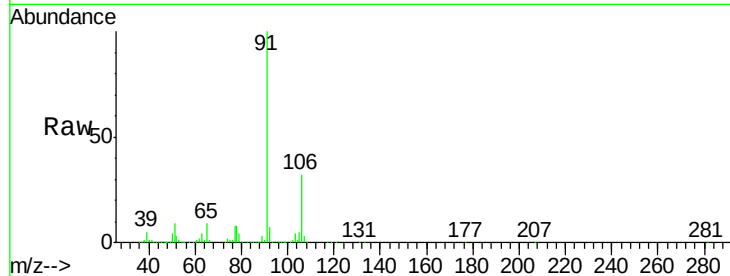
#67
Ethyl Benzene
Concen: 19.066 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampled :
VX0526WBSD01

Tot Ion: 91 Resp: 144248
Ion Ratio Lower Upper
91 100
106 32.3 25.8 38.8

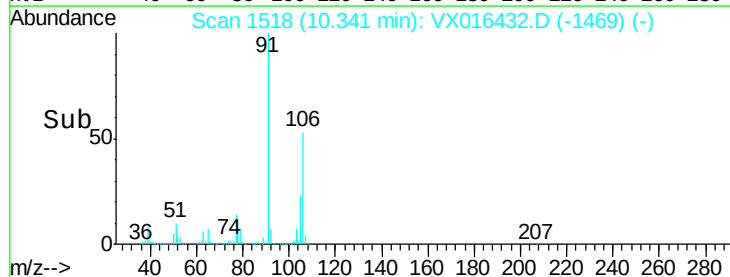
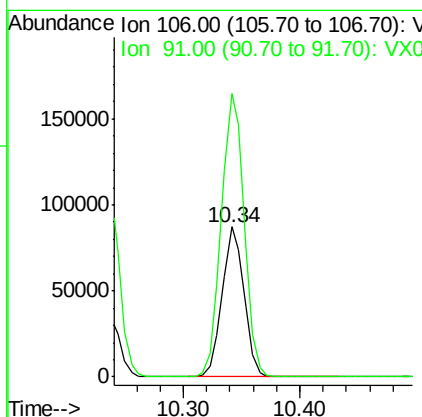
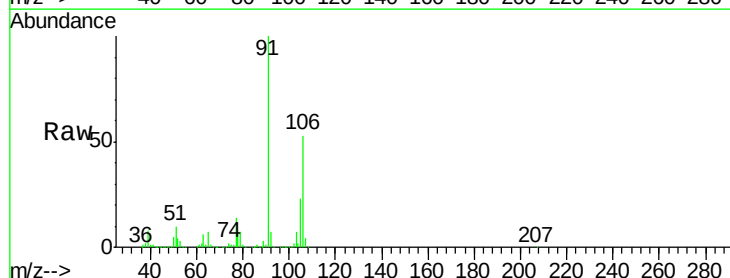
Manual Integrations
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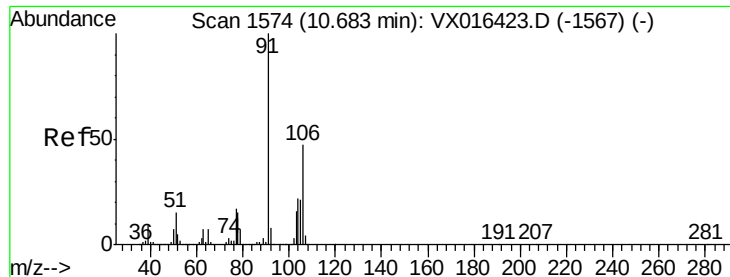
MMDadoda
5/27/2020 12:28:08 PM



#68
m/p-Xylenes
Concen: 38.050 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion: 106 Resp: 112572
Ion Ratio Lower Upper
106 100
91 198.0 158.2 237.4





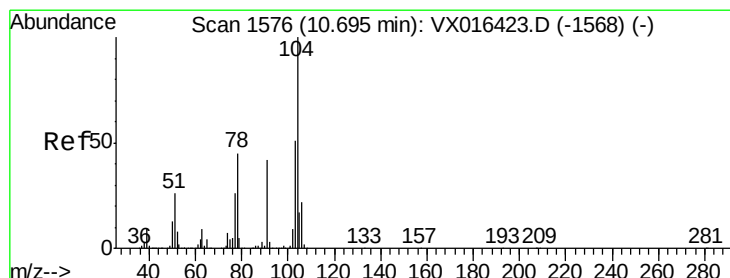
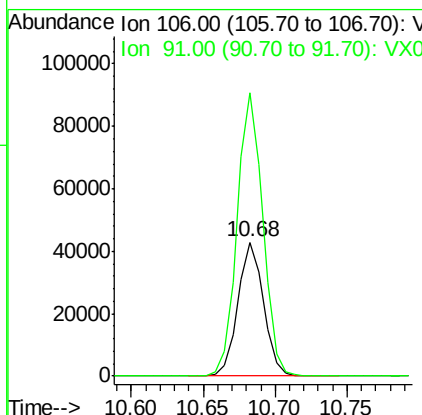
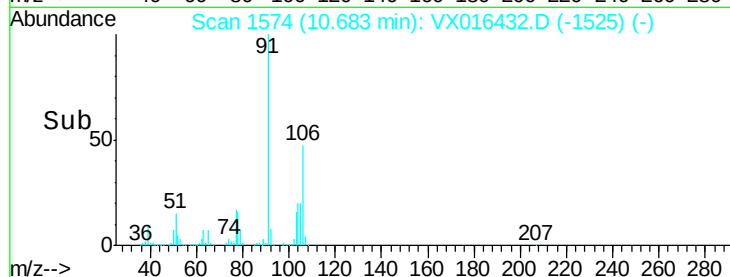
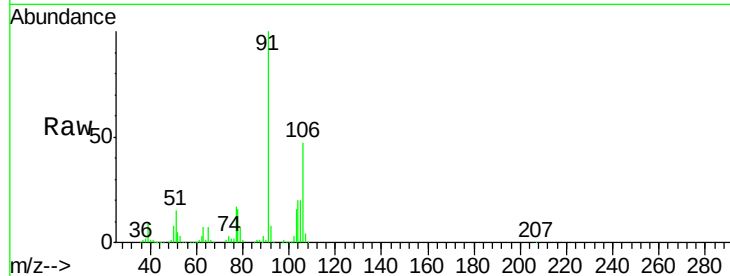
#69
o-Xylene
Concen: 18.977 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion:106 Resp: 53354
Ion Ratio Lower Upper
106 100
91 211.7 104.0 312.0

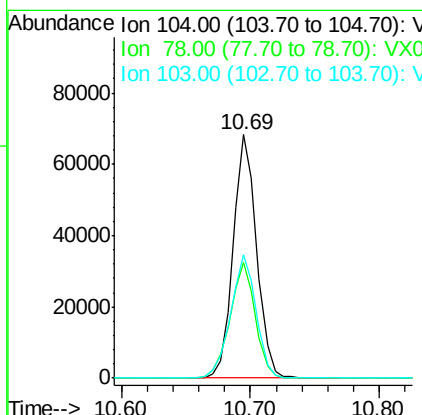
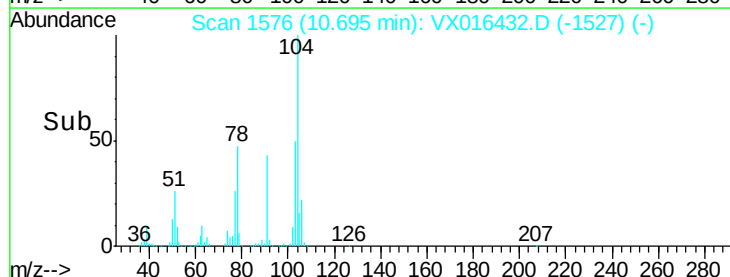
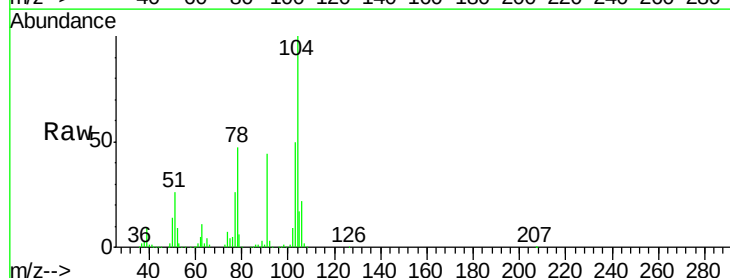
Manual Integrations
APPROVED

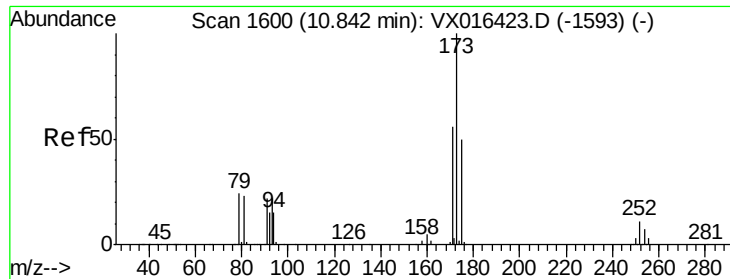
MMDadoda
5/27/2020 12:28:08 PM



#70
Styrene
Concen: 18.373 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion:104 Resp: 87205
Ion Ratio Lower Upper
104 100
78 51.0 39.2 58.8
103 54.7 43.8 65.6





#71

Bromoform

Concen: 17.546 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion:173 Resp: 24438

Ion Ratio Lower Upper

173 100

175 47.0 24.5 73.5

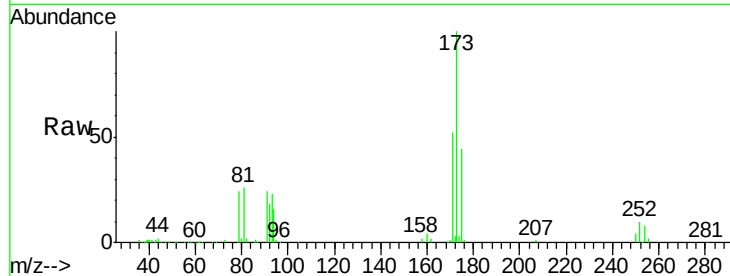
254 0.0 0.2 0.2#

Manual Integrations

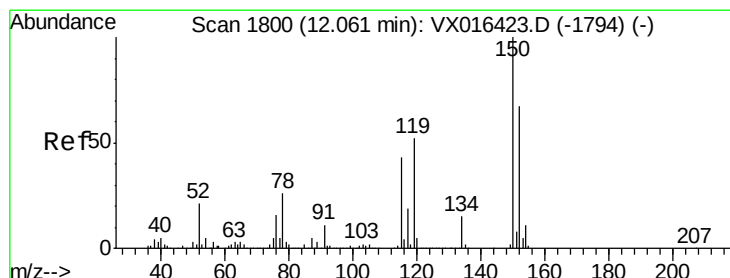
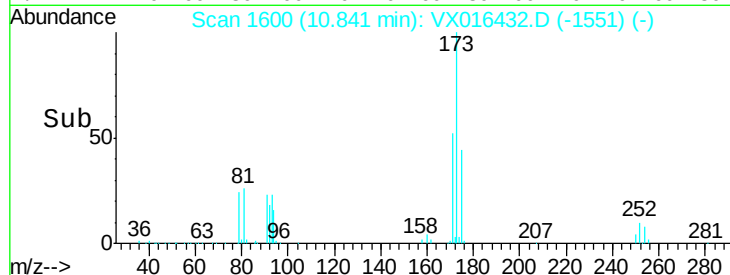
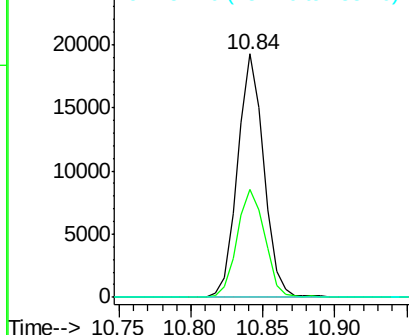
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

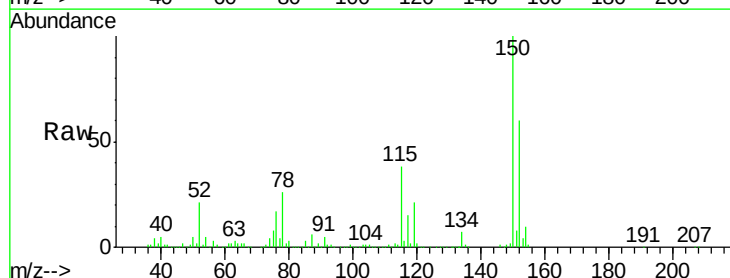
Tgt Ion:152 Resp: 104549

Ion Ratio Lower Upper

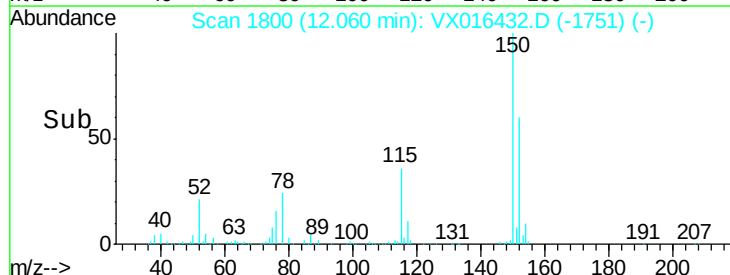
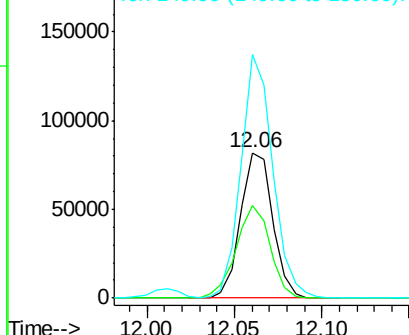
152 100

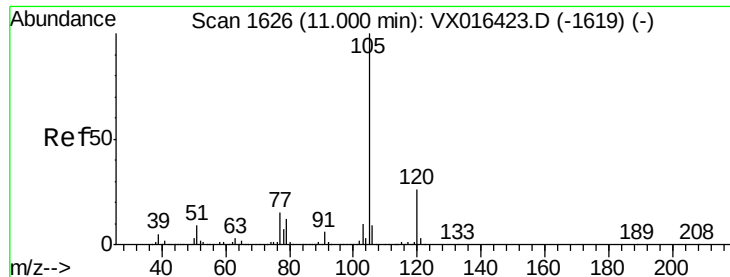
115 68.1 40.4 121.2

150 166.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.669 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion: 105 Resp: 138832

Ion Ratio Lower Upper

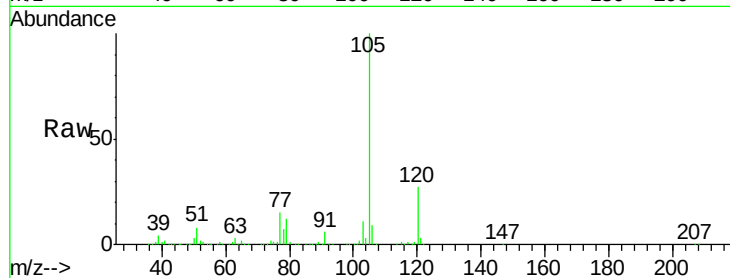
105 100

120 26.7 13.7 41.0

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

100000

80000

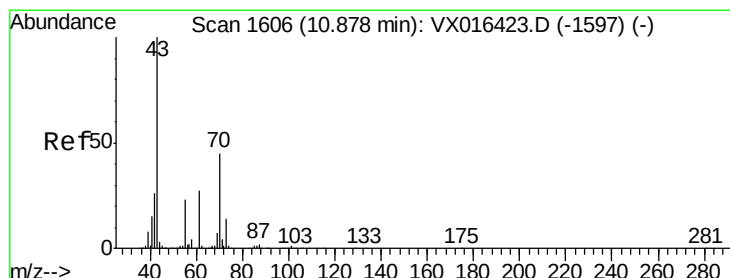
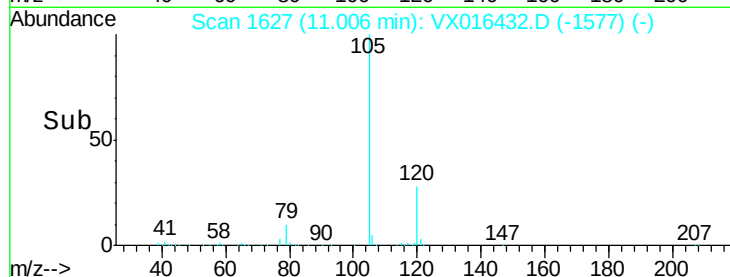
60000

40000

20000

0

Time-->



#74

N-ethyl acetate

Concen: 19.375 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion: 43 Resp: 58172

Ion Ratio Lower Upper

43 100

70 48.7 38.0 57.0

55 25.3 20.0 30.0

61 27.1 21.4 32.2

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

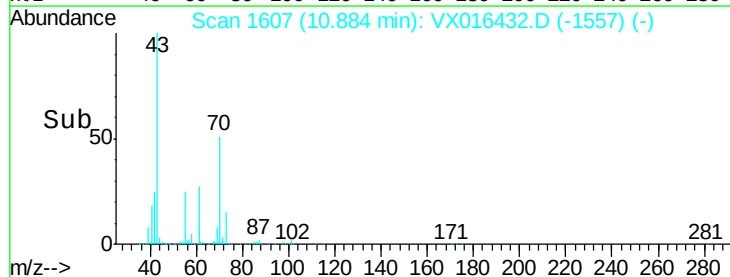
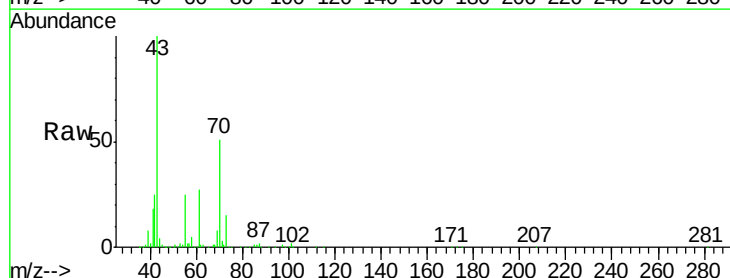
60000

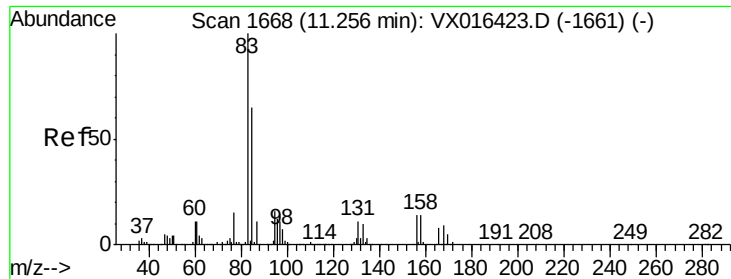
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.639 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

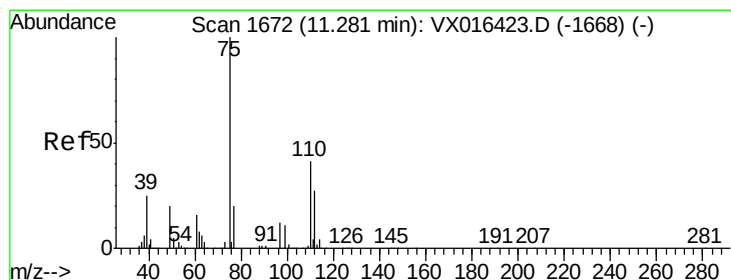
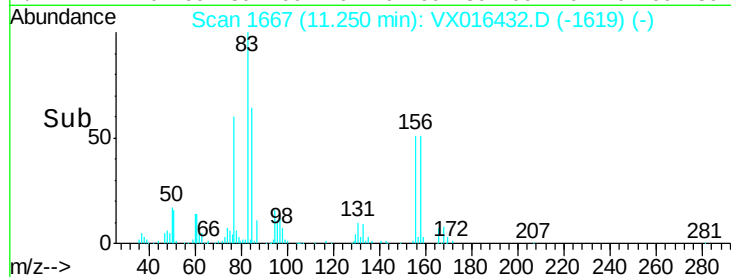
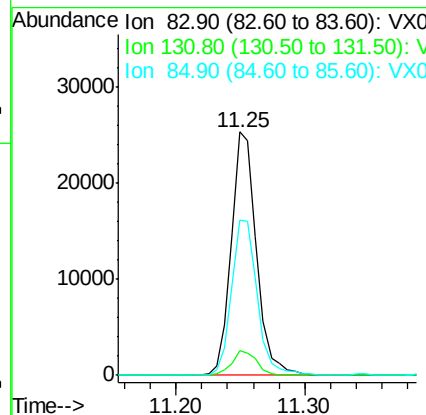
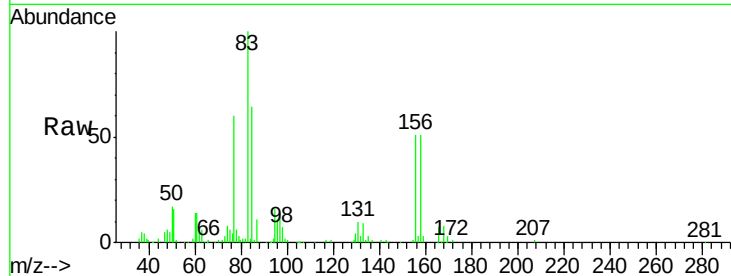
ClientSampleId :

VX0526WBSD01

Tot Ion:	83	Resp:	35016
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.4	16.2
85	65.2	32.6	97.7

Manual Integrations
APPROVED

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5/27/2020 12:28:08 PM



#76

1,2,3-Trichloropropane

Concen: 20.028 ug/l m

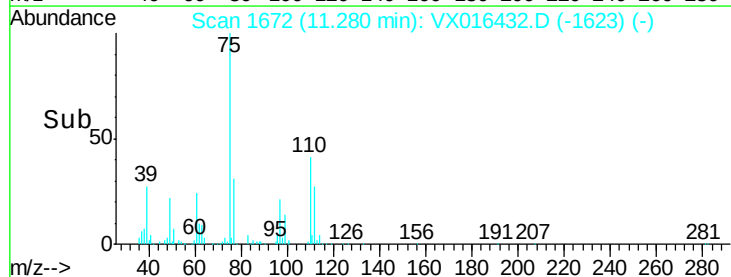
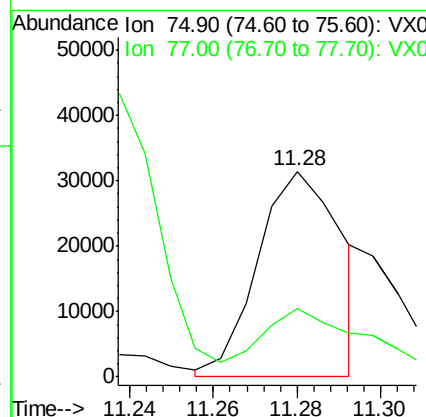
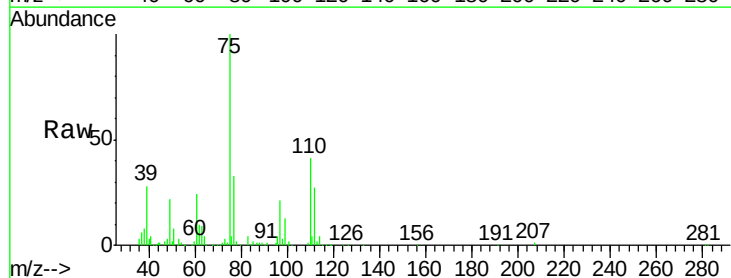
RT: 11.28 min Scan# 1672

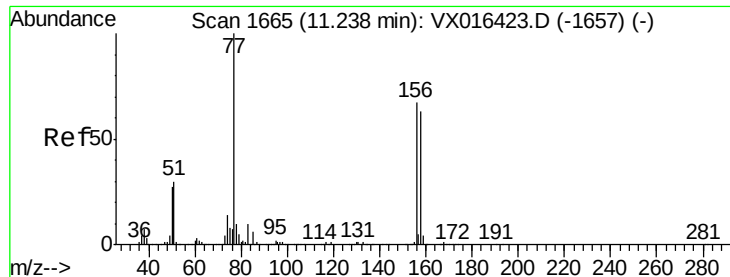
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	75	Resp:	43459
Ion Ratio	Lower	Upper	
75	100		
77	42.2	21.4	64.3





#77

Bromobenzene

Concen: 19.073 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion:156 Resp: 34859

Ion Ratio Lower Upper

156 100

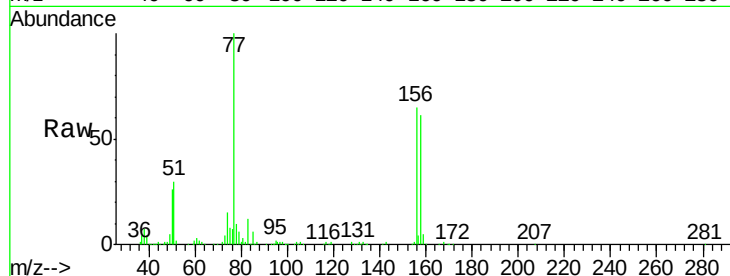
77 157.6 74.6 223.8

158 95.2 48.7 146.1

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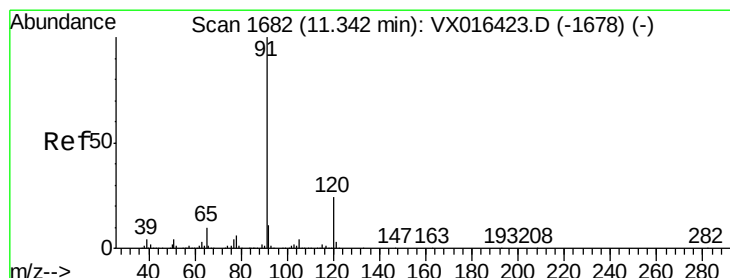
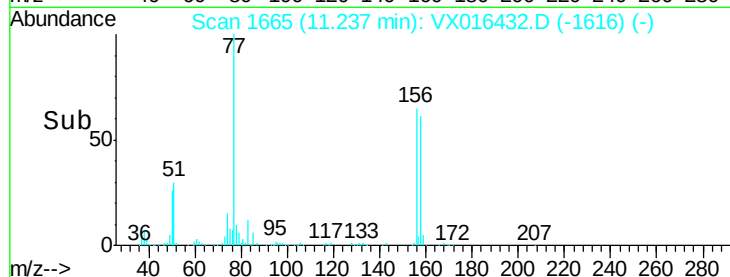
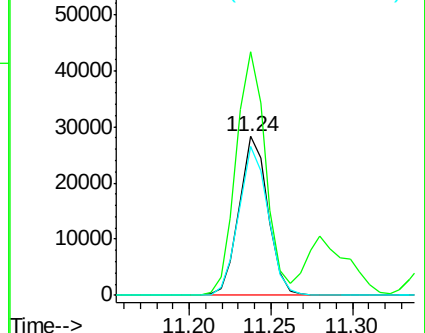
5/27/2020 12:28:08 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.635 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016432.D

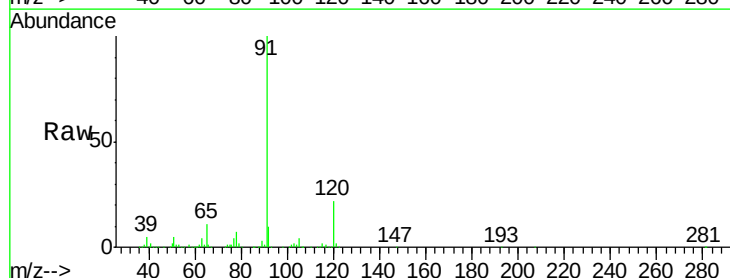
Acq: 26 May 2020 18:04

Tgt Ion: 91 Resp: 156695

Ion Ratio Lower Upper

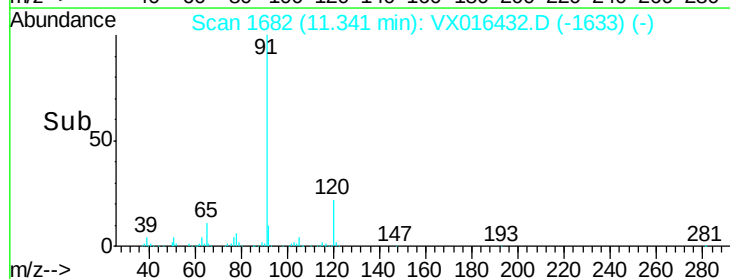
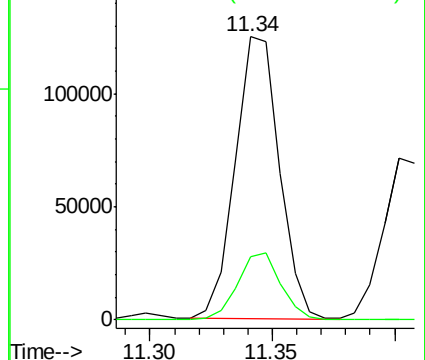
91 100

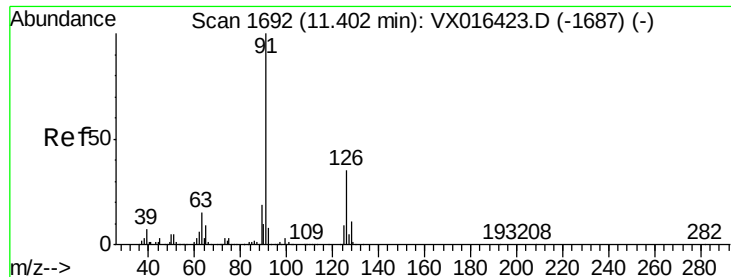
120 23.3 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.962 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampled :

VX0526WBSD01

Tot Ion: 91 Resp: 94771

Ion Ratio Lower Upper

91 100

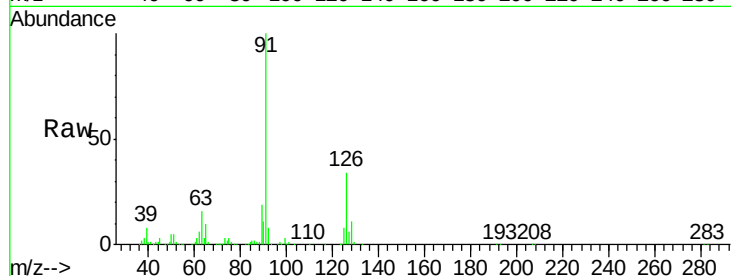
126 34.5 17.7 53.1

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Abundance Ion 91.00 (90.70 to 91.70): VX016423.D (-1687) (-)

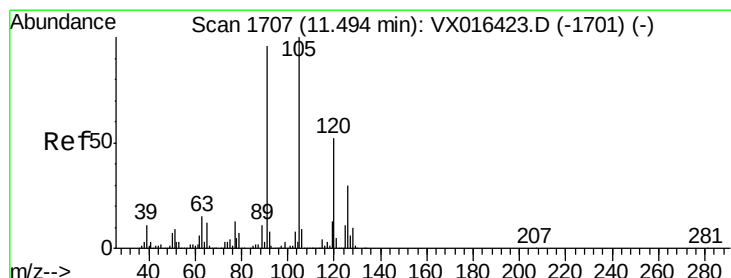
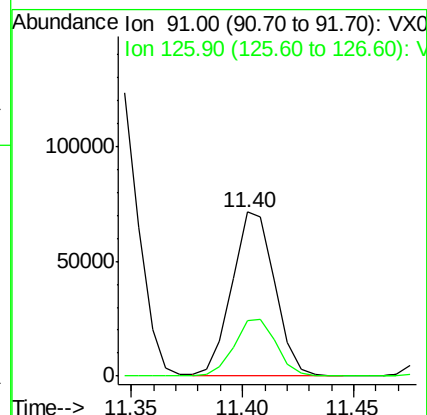
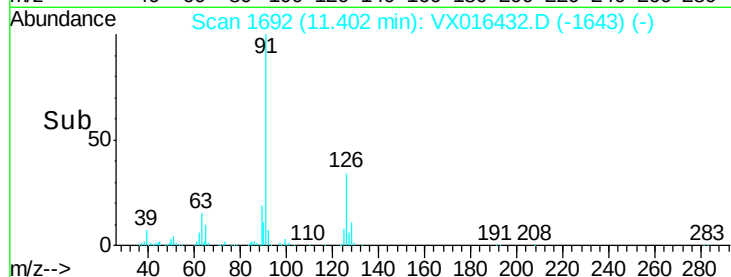
Ion 125.90 (125.60 to 126.60): VX016423.D (-1687) (-)

100000

50000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 19.437 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016432.D

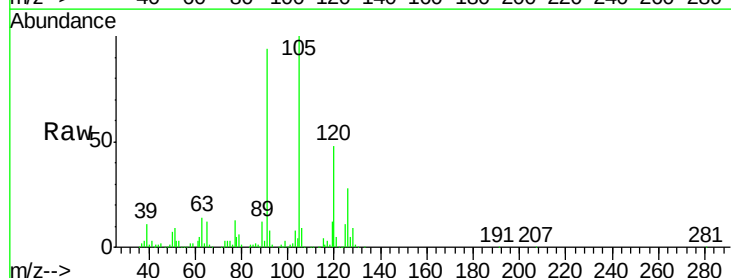
Acq: 26 May 2020 18:04

Tgt Ion: 105 Resp: 114701

Ion Ratio Lower Upper

105 100

120 48.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VX016423.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016423.D (-1701) (-)

100000

80000

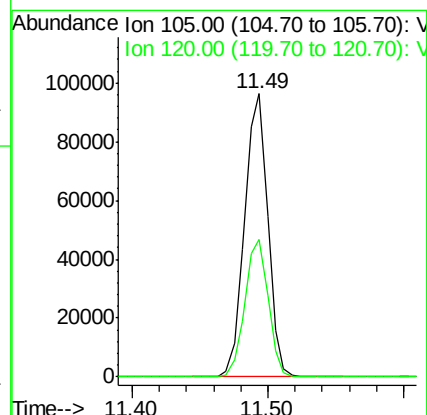
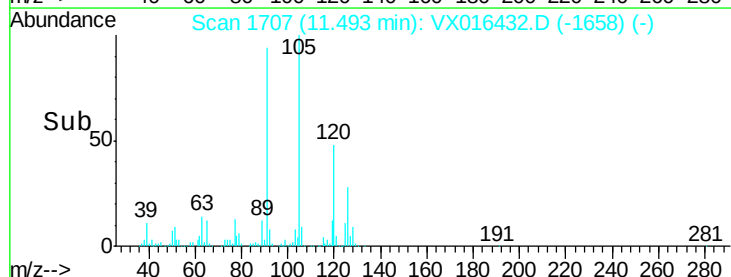
60000

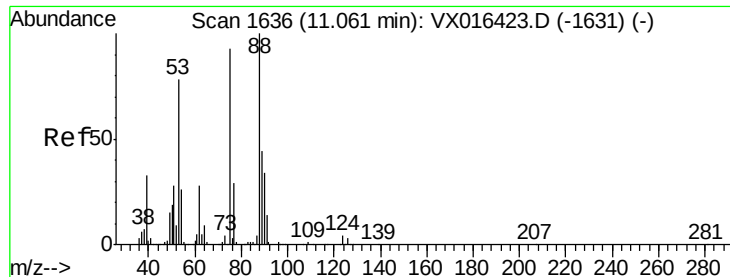
40000

20000

0

11.40 11.50





#81

trans-1,4-Dichloro-2-butene

Concen: 18.720 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

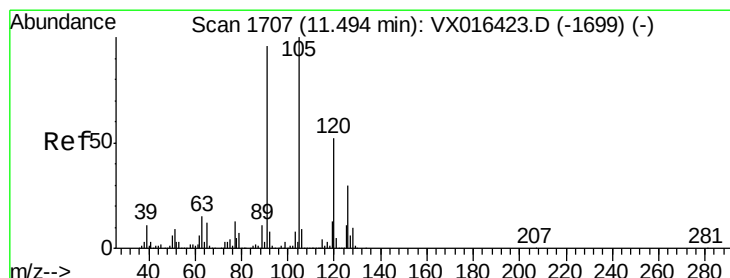
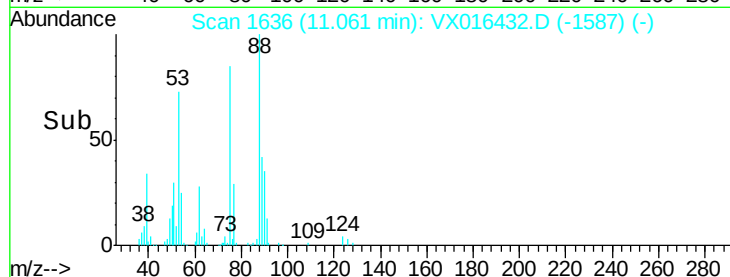
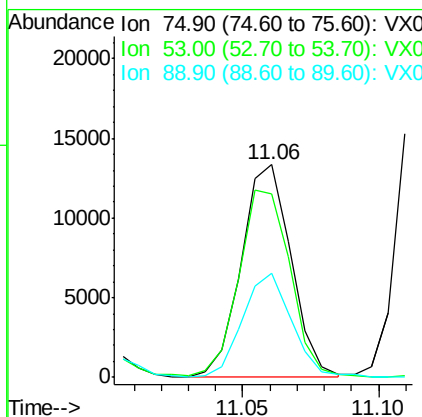
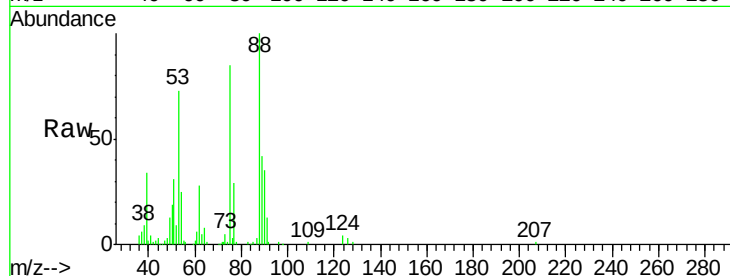
ClientSampleId :

VX0526WBSD01

Tot Ion:	75	Resp:	16892
Ion	Ratio	Lower	Upper
75	100		
53	91.5	69.4	104.2
89	48.6	37.0	55.6

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#82

4-Chlorotoluene

Concen: 19.594 ug/l

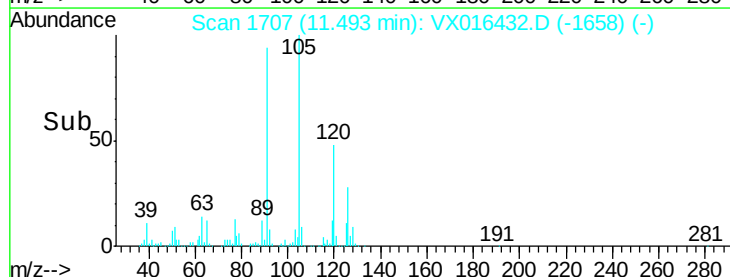
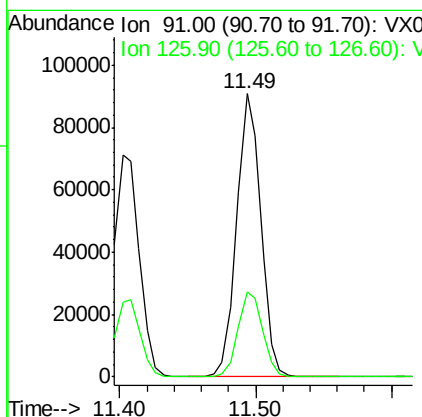
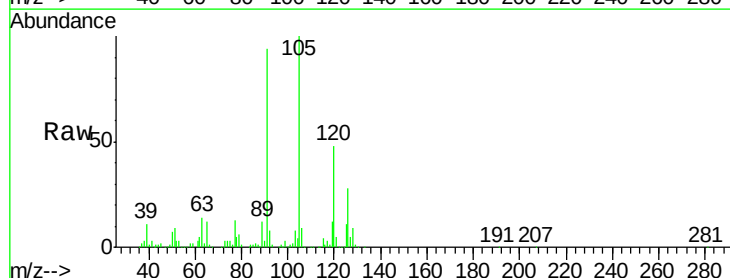
RT: 11.49 min Scan# 1707

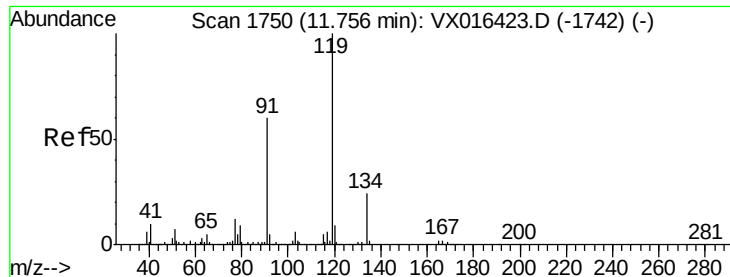
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	91	Resp:	111876
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.7	47.0





#83

tert-Butylbenzene

Concen: 19.156 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

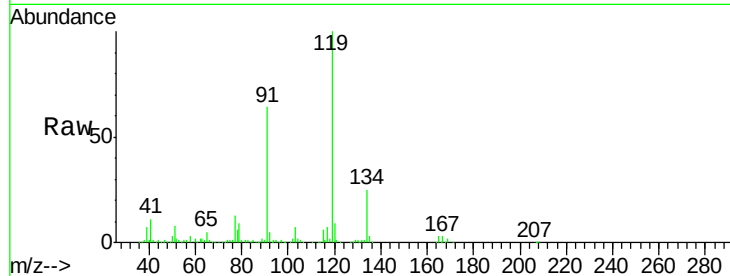
ClientSampleId :

VX0526WBSD01

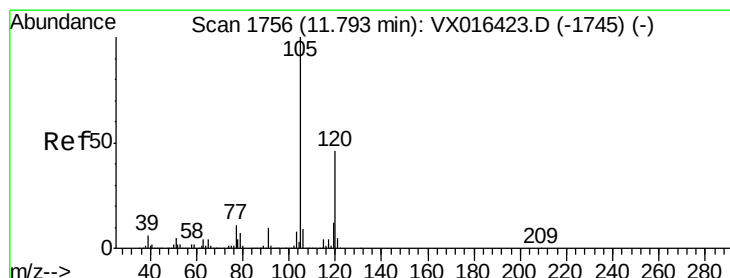
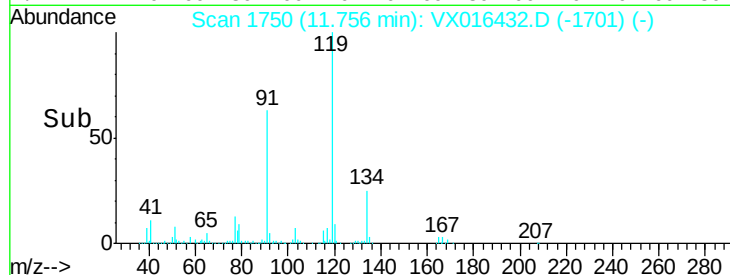
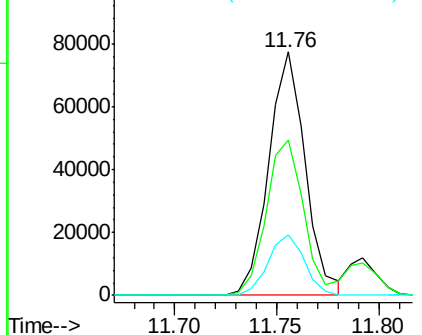
Tot Ion:	119	Resp:	96667
Ion Ratio	Lower	Upper	
119	100		
91	64.8	30.8	92.3
134	24.8	12.3	36.9

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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.354 ug/l

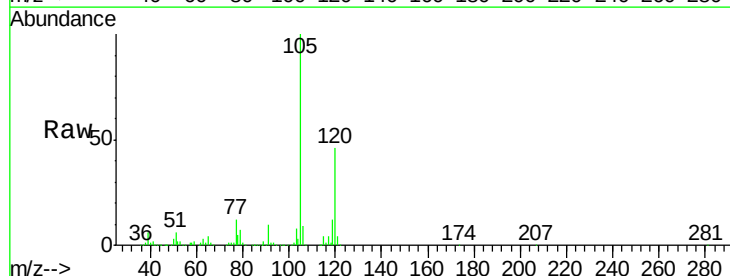
RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

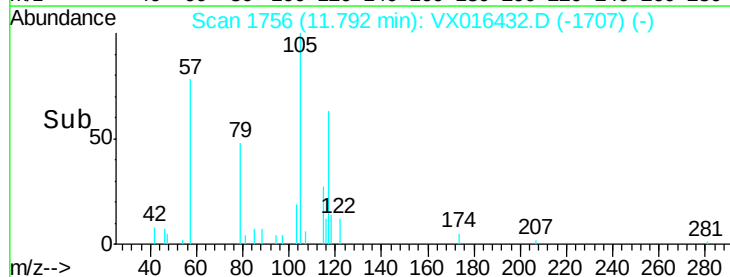
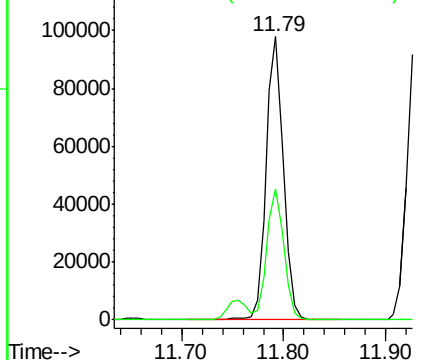
Lab File: VX016432.D

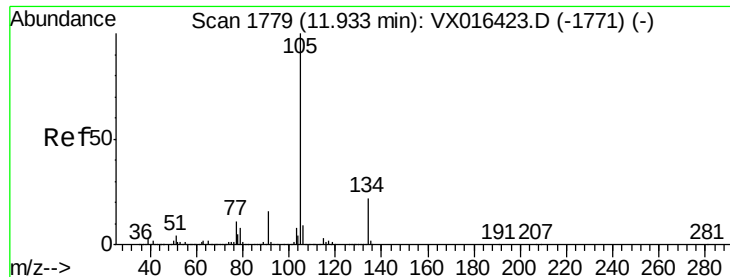
Acq: 26 May 2020 18:04

Tgt Ion:	105	Resp:	115099
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.2	69.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.513 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

VX0526WBSD01

Tot Ion:105 Resp: 124742

Ion Ratio Lower Upper

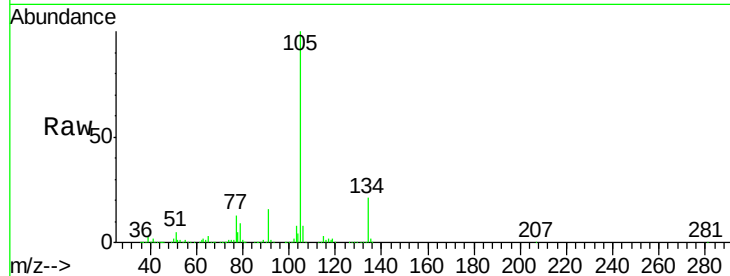
105 100

134 20.2 10.5 31.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

120000

100000

80000

60000

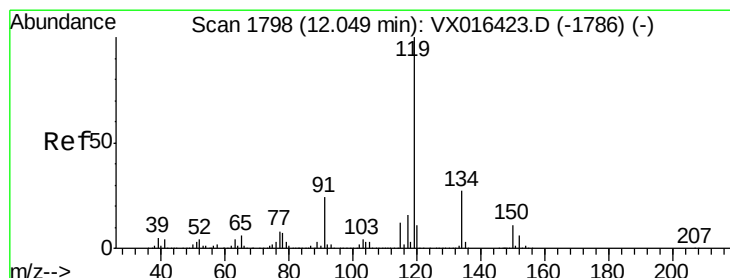
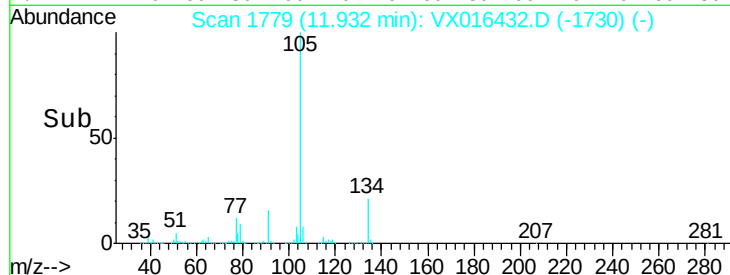
40000

20000

0

11.85 11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.331 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

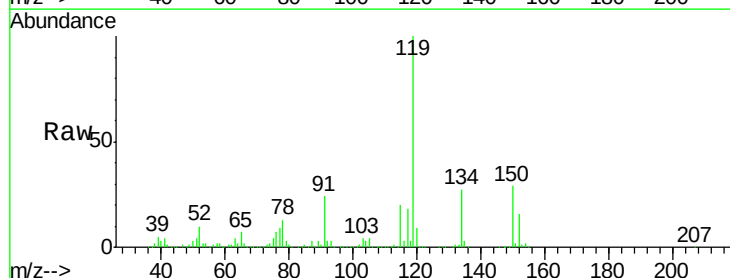
Tgt Ion:119 Resp: 115453

Ion Ratio Lower Upper

119 100

134 27.2 13.8 41.3

91 24.0 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

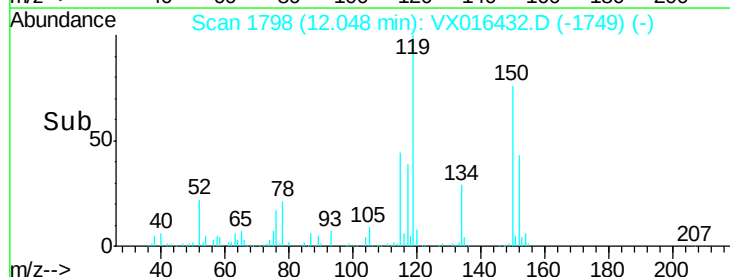
100000

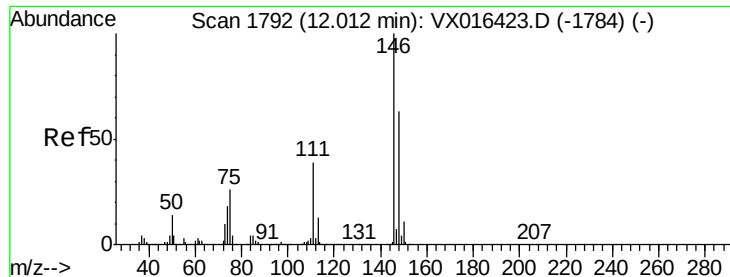
50000

0

11.95 12.00 12.05 12.10

Time-->





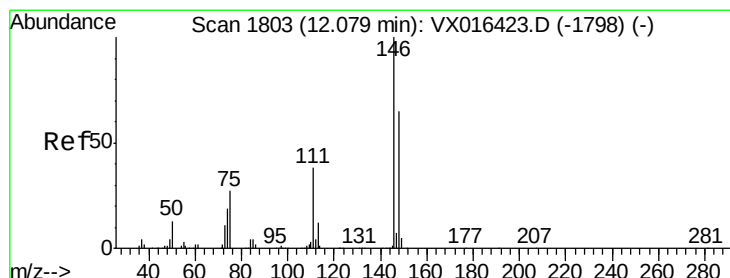
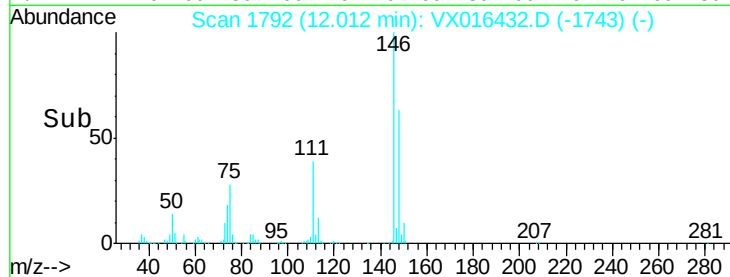
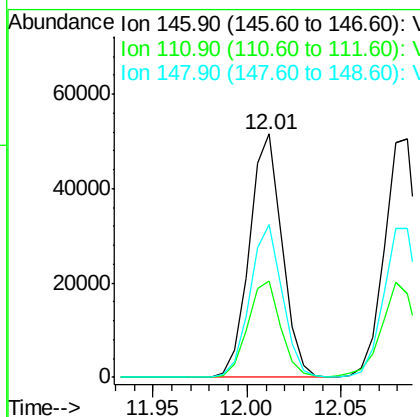
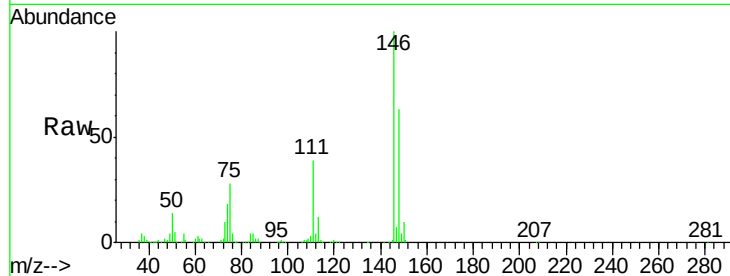
#87
 1,3-Dichlorobenzene
 Concen: 19.141 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	62.0	31.4	94.2

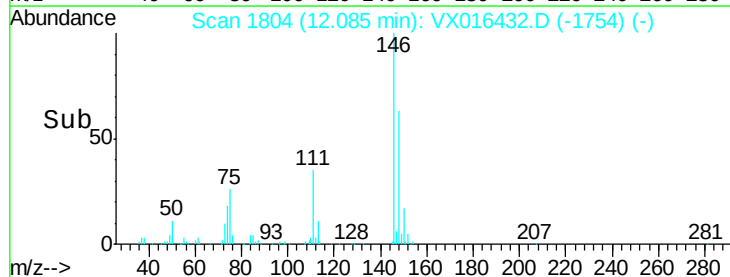
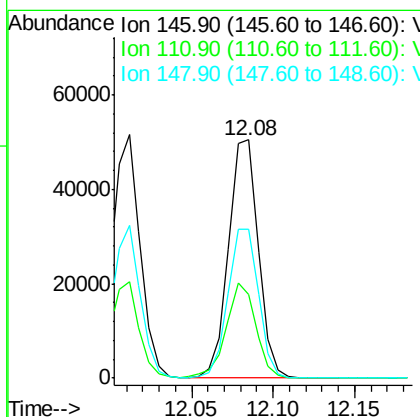
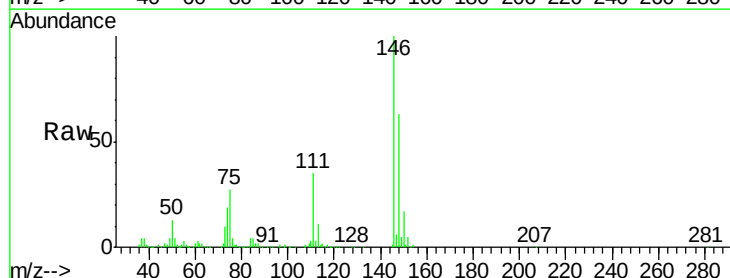
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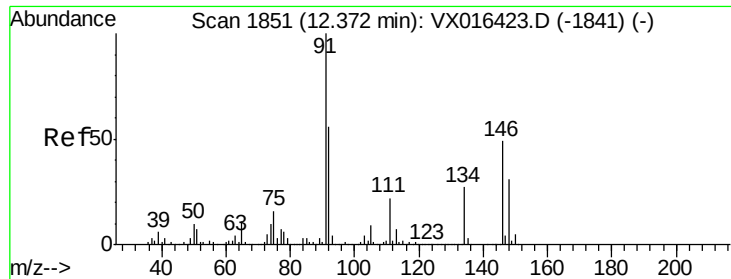
MMDadoda
 5/27/2020 12:28:08 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.571 ug/l
 RT: 12.08 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.2	57.6
148	64.5	33.1	99.2





#89

n-Butylbenzene

Concen: 18.943 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Instrument :

MSVOA_X

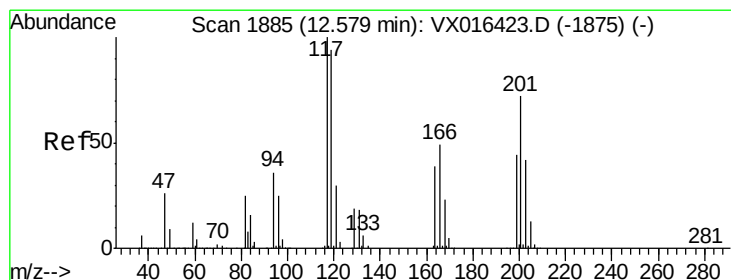
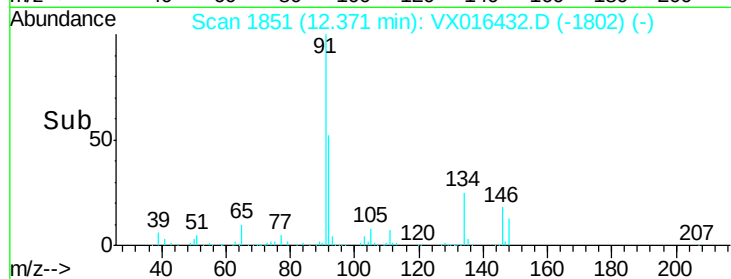
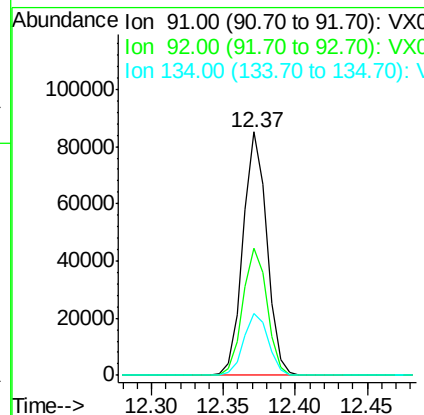
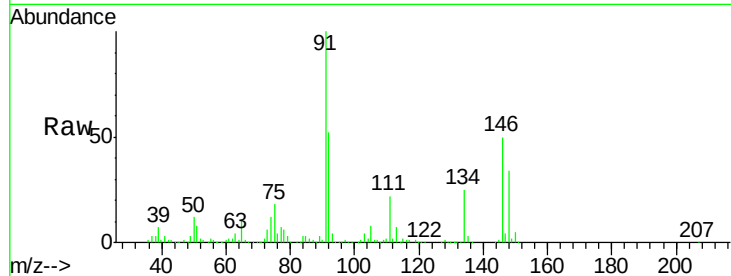
ClientSampleId :

VX0526WBSD01

Tot Ion:	91	Resp:	98157
Ion Ratio	Lower	Upper	
91	100		
92	53.4	27.6	82.8
134	26.2	13.7	41.1

Manual Integrations
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#90

Hexachloroethane

Concen: 18.540 ug/l

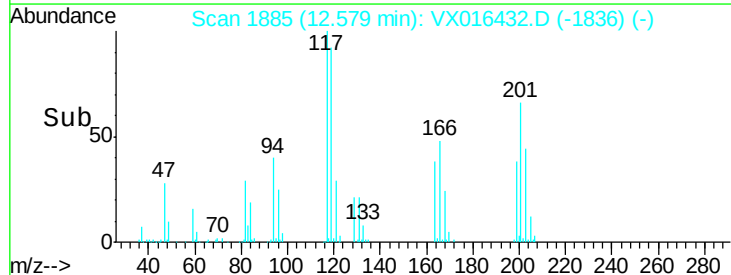
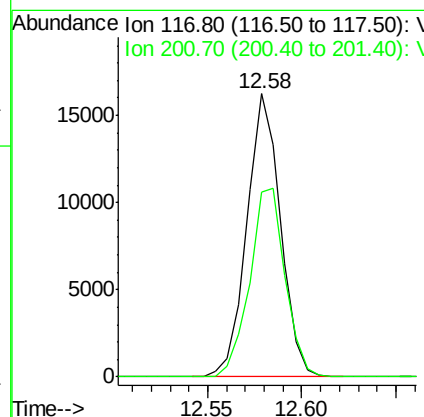
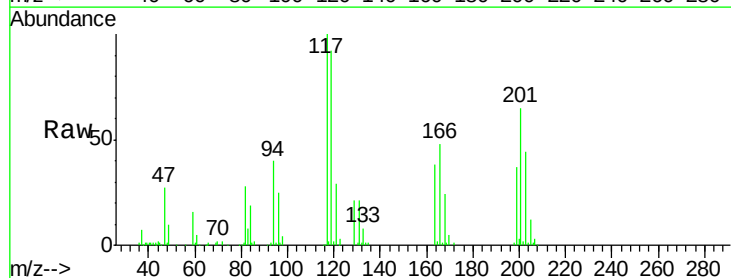
RT: 12.58 min Scan# 1885

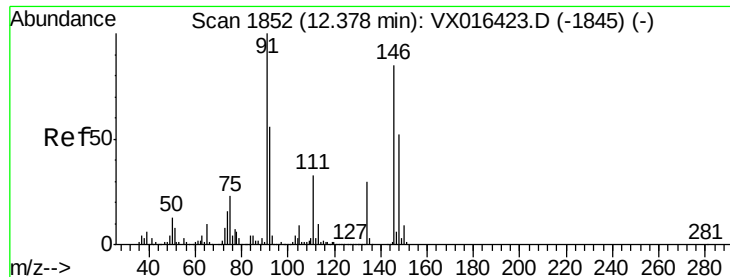
Delta R.T. -0.00 min

Lab File: VX016432.D

Acq: 26 May 2020 18:04

Tgt Ion:	117	Resp:	20067
Ion Ratio	Lower	Upper	
117	100		
201	70.2	37.6	112.9





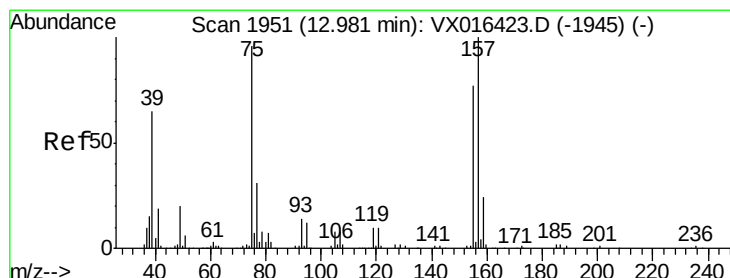
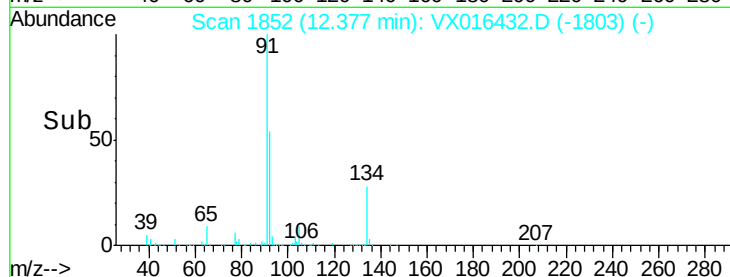
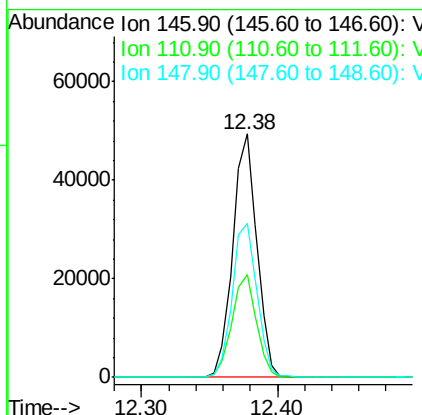
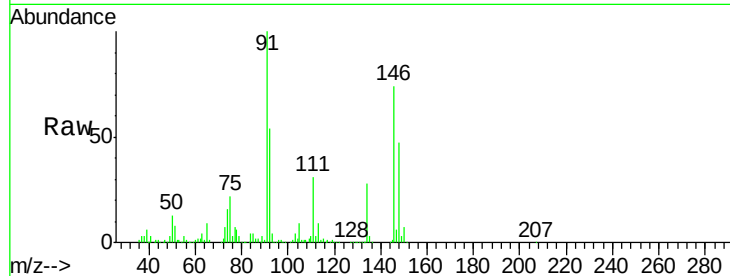
#91
1,2-Dichlorobenzene
Concen: 18.998 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.4	61.3
148	65.0	31.6	94.8

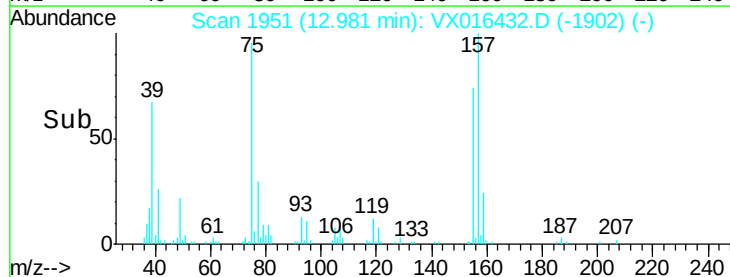
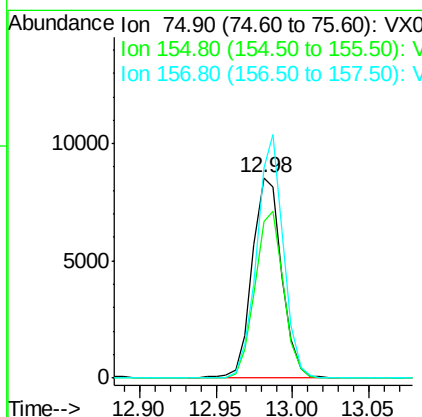
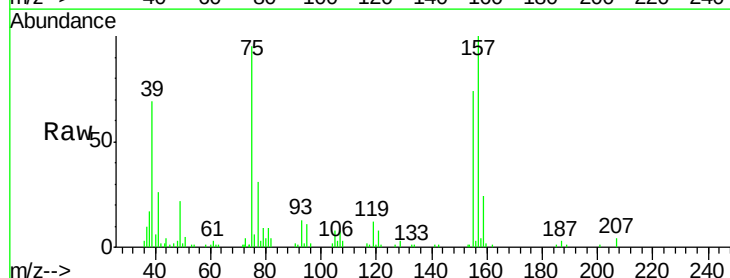
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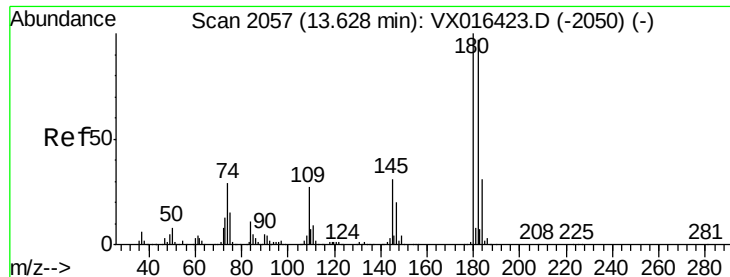
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#92
1,2-Dibromo-3-Chloropropane
Concen: 20.811 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.1	44.8	134.4
157	108.8	57.8	173.4





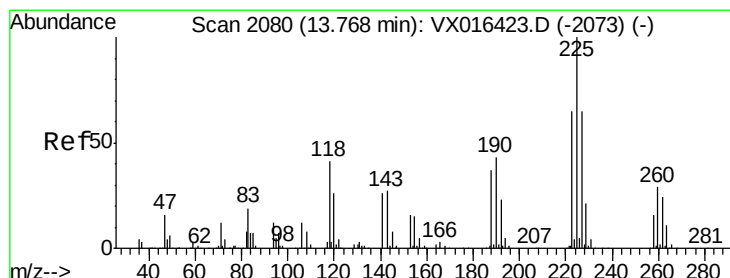
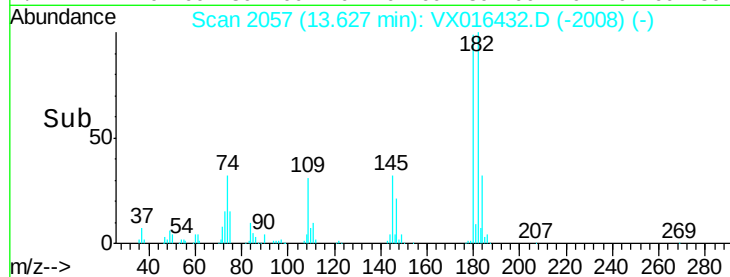
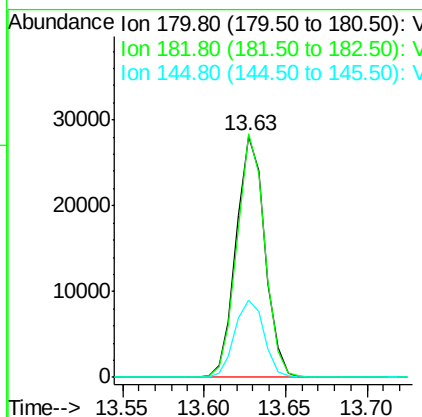
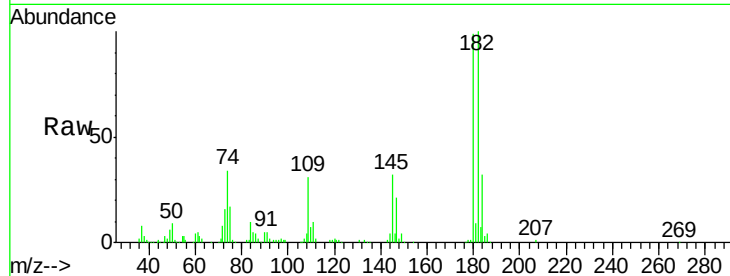
#93
 1,2,4-Trichlorobenzene
 Concen: 17.274 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0526WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.7	48.6	145.8	
145	32.8	15.5	46.5	

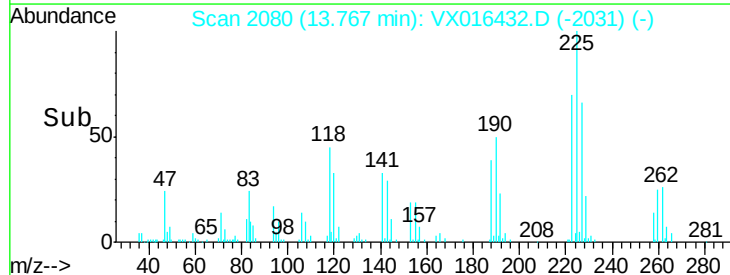
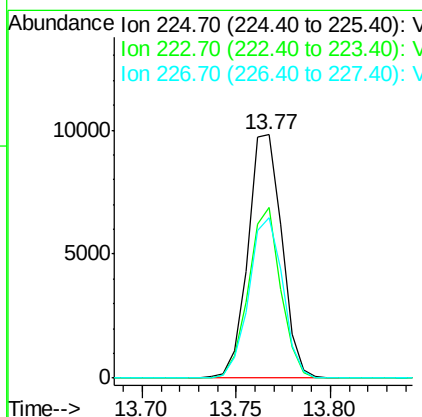
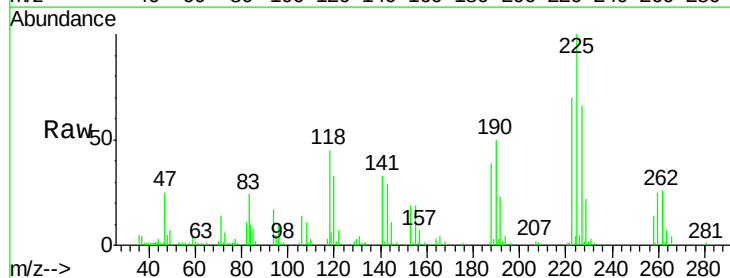
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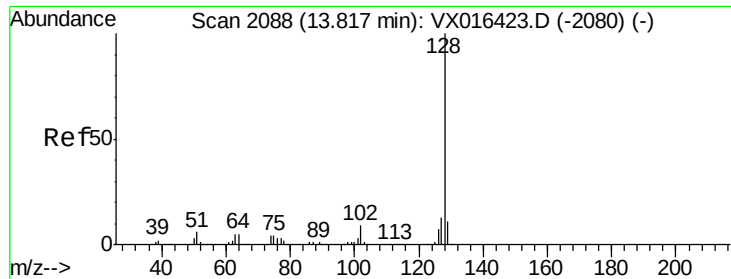
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#94
 Hexachlorobutadiene
 Concen: 17.090 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016432.D
 Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	66.2	32.6	98.0	
227	65.6	32.5	97.4	





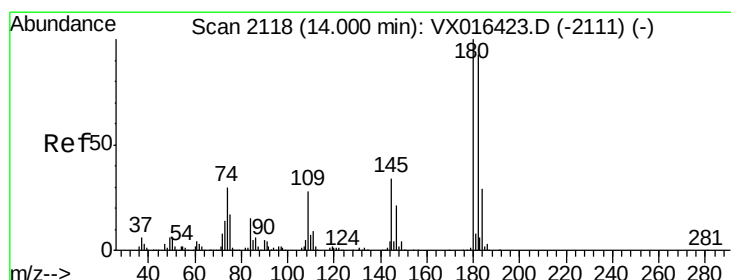
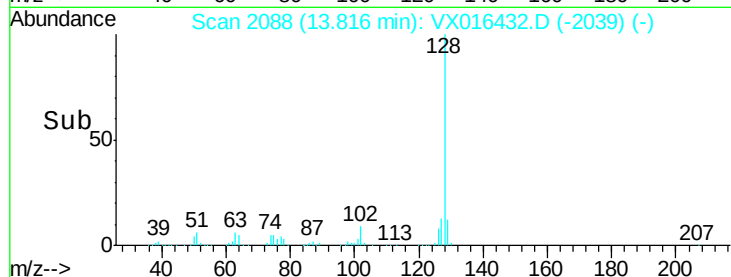
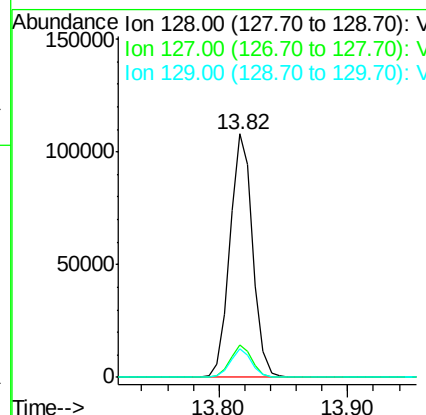
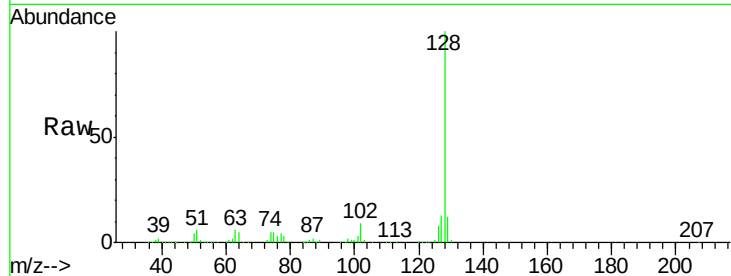
#95
Naphthalene
Concen: 18.833 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Instrument :
MSVOA_X
ClientSampleId :
VX0526WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	134299		
127	12.7	10.5	15.7	
129	11.0	8.9	13.3	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 18.005 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016432.D
Acq: 26 May 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	34632		
182	95.7	48.2	144.6	
145	32.8	16.3	48.9	

