

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016420.D
 Acq On : 26 May 2020 12:20
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:03 PM

Quant Time: May 26 17:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	121227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	205112	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	192341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	86206	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	1036	0.842 ug/l	95
3) Chloromethane	1.31	50	1648	1.135 ug/l #	87
4) Vinyl Chloride	1.39	62	2076	1.296 ug/l	91
6) Chloroethane	1.71	64	1717	1.727 ug/l #	77
7) Trichlorofluoromethane	1.92	101	3182	1.461 ug/l	95
8) Diethyl Ether	2.17	74	1516	1.664 ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.37	101	1558	1.309 ug/l	96
12) 1,1-Dichloroethene	2.35	96	2043	1.642 ug/l	91
14) Allyl chloride	2.71	41	2411	1.073 ug/l	97
15) Acrylonitrile	3.12	53	4172	5.084 ug/l #	93
16) Acetone	2.42	43	5039	7.212 ug/l	97
17) Carbon Disulfide	2.55	76	4384	1.036 ug/l	95
18) Methyl Acetate	2.75	43	2168	1.263 ug/l #	87
19) Methyl tert-butyl Ether	3.17	73	4652	1.078 ug/l	95
20) Methylene Chloride	2.84	84	1824	1.254 ug/l #	89
21) trans-1,2-Dichloroethene	3.15	96	1694	1.204 ug/l	86
22) Diisopropyl ether	3.82	45	4444	1.033 ug/l #	77
23) Vinyl Acetate	3.78	43	17535	4.639 ug/l	100
24) 1,1-Dichloroethane	3.67	63	2778	1.146 ug/l	96
25) 2-Butanone	4.64	43	5206	4.619 ug/l	99
26) 2,2-Dichloropropane	4.56	77	2642m	1.191 ug/l	
27) cis-1,2-Dichloroethene	4.57	96	1882	1.220 ug/l	91
28) Bromochloromethane	4.98	49	1812	1.632 ug/l #	65
29) Tetrahydrofuran	5.10	42	4400	5.899 ug/l #	75
30) Chloroform	5.18	83	2750	1.129 ug/l #	78
32) 1,1,1-Trichloroethane	5.46	97	2861	1.288 ug/l #	47
36) 1,1-Dichloropropene	5.78	75	2231	1.112 ug/l #	40
37) Ethyl Acetate	4.79	43	2507	1.095 ug/l	95
38) Carbon Tetrachloride	5.75	117	2274	1.110 ug/l #	76
39) Methylcyclohexane	7.44	83	2417	1.018 ug/l #	80
40) Benzene	6.11	78	6053	1.030 ug/l	96
41) Methacrylonitrile	4.99	41	398m	0.322 ug/l	
42) 1,2-Dichloroethane	6.15	62	2778	1.313 ug/l	89
43) Isopropyl Acetate	6.42	43	3899	1.065 ug/l #	91

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Manual Integrations
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Quant Time: May 26 17:53:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	2346	1.129	ug/l	94
45) 1,2-Dichloropropane	7.48	63	1705	1.154	ug/l	90
46) Dibromomethane	7.64	93	1146	1.122	ug/l	91
47) Bromodichloromethane	7.88	83	2378	1.153	ug/l	89
48) Methyl methacrylate	7.75	41	2142	1.241	ug/l #	77
49) 1,4-Dioxane	7.73	88	934	22.233	ug/l #	70
51) 4-Methyl-2-Pentanone	8.62	43	10279	4.581	ug/l	99
52) Toluene	8.76	92	3469	0.942	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	2515	1.026	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	2450	0.961	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	1628	1.119	ug/l #	86
56) Ethyl methacrylate	9.16	69	2176	0.931	ug/l #	85
57) 1,3-Dichloropropane	9.35	76	2693	1.069	ug/l #	75
58) 2-Chloroethyl Vinyl ether	8.29	63	5736	4.619	ug/l	93
59) 2-Hexanone	9.47	43	7850	4.451	ug/l	96
60) Dibromochloromethane	9.56	129	1663	1.032	ug/l	95
61) 1,2-Dibromoethane	9.65	107	1489	0.943	ug/l	93
64) Tetrachloroethene	9.32	164	2248	0.964	ug/l	91
65) Chlorobenzene	10.12	112	4123	1.026	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.20	131	1349	0.906	ug/l #	58
67) Ethyl Benzene	10.24	91	6620	0.929	ug/l	89
68) m/p-Xylenes	10.34	106	4775	1.784	ug/l	96
69) o-Xylene	10.68	106	2510	0.974	ug/l	89
70) Styrene	10.69	104	3412	0.783	ug/l #	90
71) Bromoform	10.84	173	865	0.712	ug/l #	82
73) Isopropylbenzene	11.00	105	6329	1.018	ug/l	96
74) N-amyl acetate	10.88	43	2956	1.037	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.26	83	1330	1.164	ug/l	92
76) 1,2,3-Trichloropropane	11.28	75	2063m	1.069	ug/l	
77) Bromobenzene	11.24	156	1488	0.921	ug/l	91
78) n-propylbenzene	11.35	91	7071	0.980	ug/l	96
79) 2-Chlorotoluene	11.40	91	4073	0.954	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	4434	0.845	ug/l	97
82) 4-Chlorotoluene	11.49	91	4823	0.956	ug/l	89
83) tert-Butylbenzene	11.75	119	4235	0.937	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	4546	0.859	ug/l	98
85) sec-Butylbenzene	11.93	105	5481	0.906	ug/l	100
86) p-Isopropyltoluene	12.05	119	4550	0.812	ug/l	89
87) 1,3-Dichlorobenzene	12.01	146	2619	0.907	ug/l	90
88) 1,4-Dichlorobenzene	12.08	146	3008m	1.026	ug/l	
89) n-Butylbenzene	12.37	91	4439	0.872	ug/l	92
90) Hexachloroethane	12.58	117	893	0.922	ug/l	88
91) 1,2-Dichlorobenzene	12.38	146	2476	0.886	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	637	1.252	ug/l	67
93) 1,2,4-Trichlorobenzene	13.63	180	1740	0.859	ug/l	92
94) Hexachlorobutadiene	13.76	225	664	0.733	ug/l	89
95) Naphthalene	13.82	128	5306	0.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1376	0.698	ug/l	84

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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QLast Update : Tue May 26 15:50:19 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

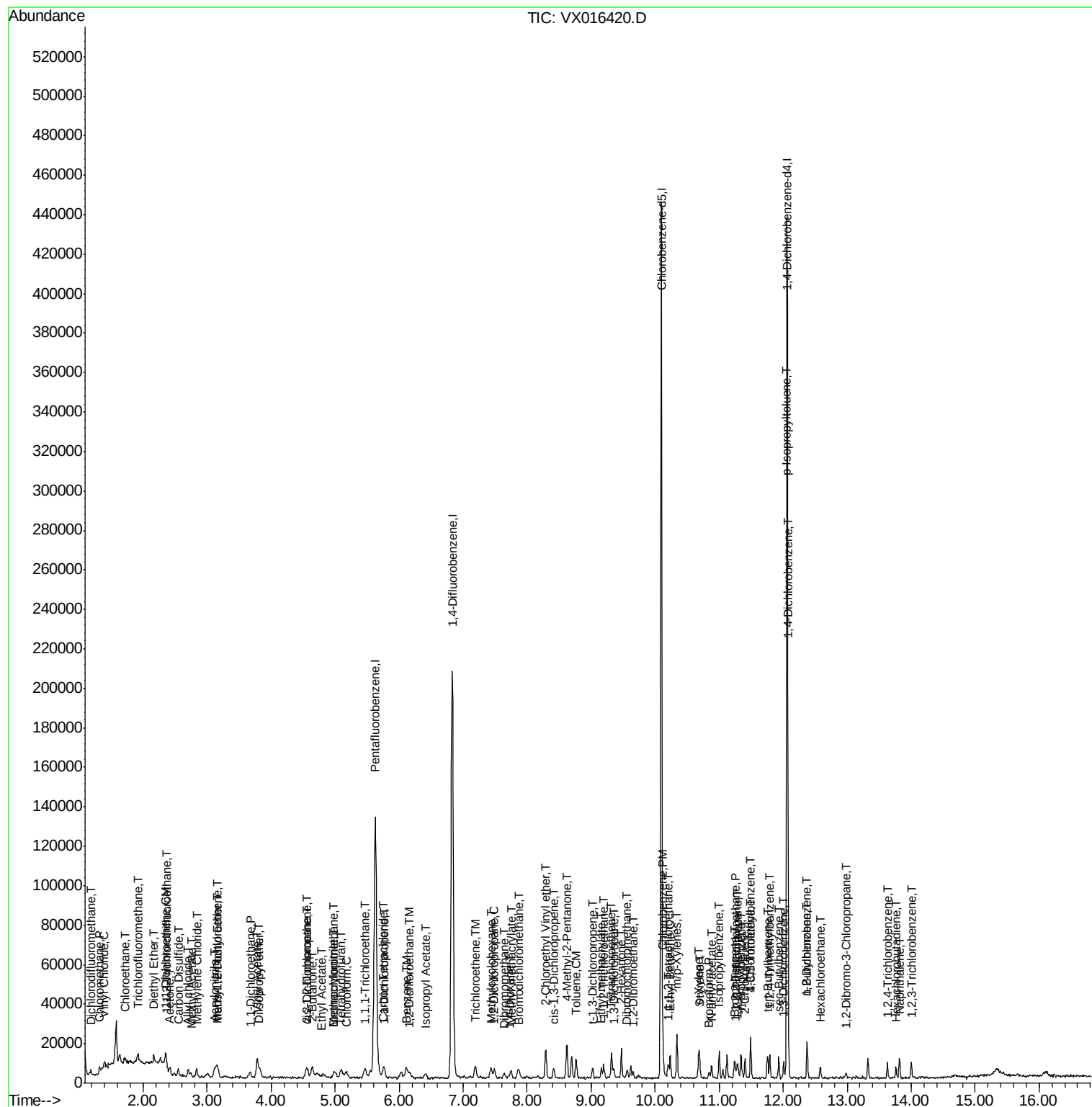
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052620\
Data File : VX016420.D
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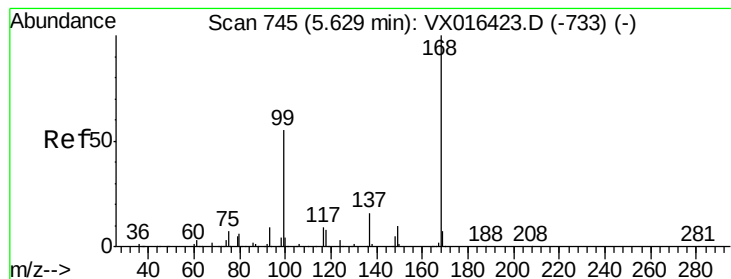
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 121227

Ion Ratio Lower Upper

168 100

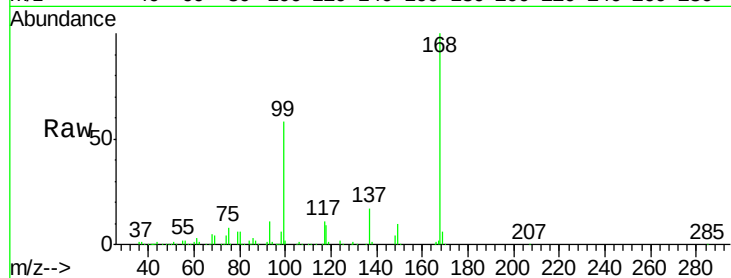
99 57.8 44.4 66.6

Manual Integrations

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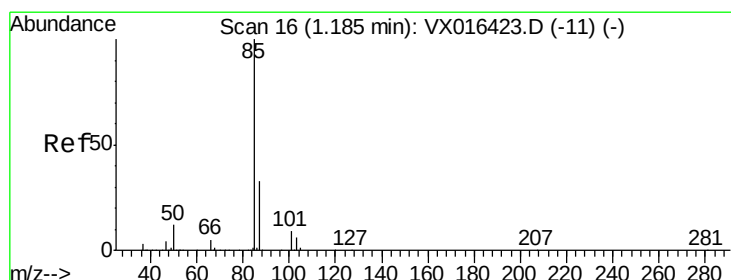
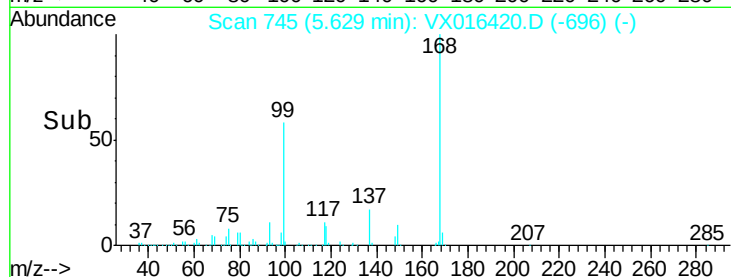
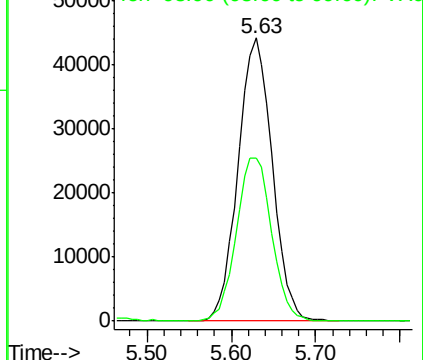
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.842 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016420.D

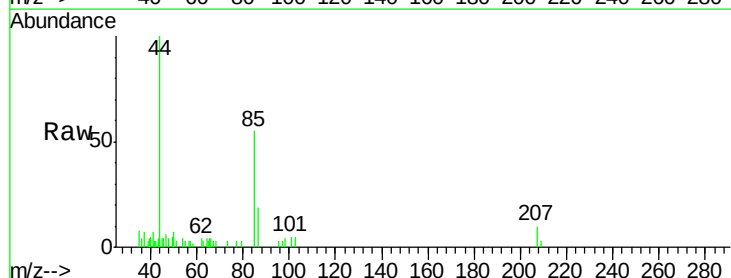
Acq: 26 May 2020 12:20

Tgt Ion: 85 Resp: 1036

Ion Ratio Lower Upper

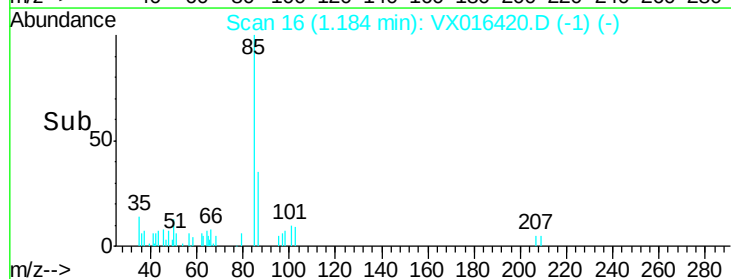
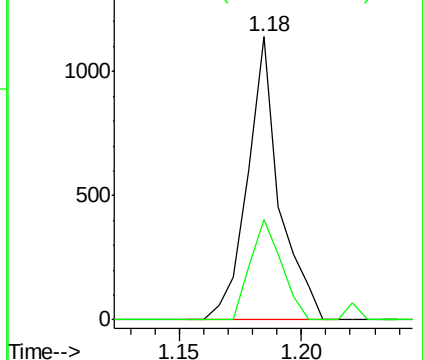
85 100

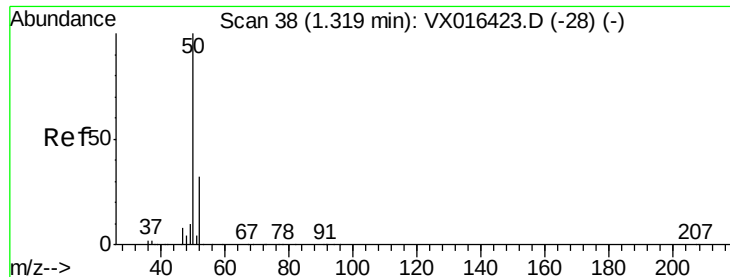
87 35.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.135 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 1648

Ion Ratio Lower Upper

50 100

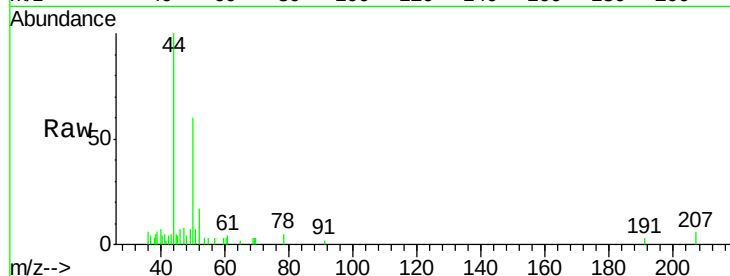
52 25.0 25.9 38.9#

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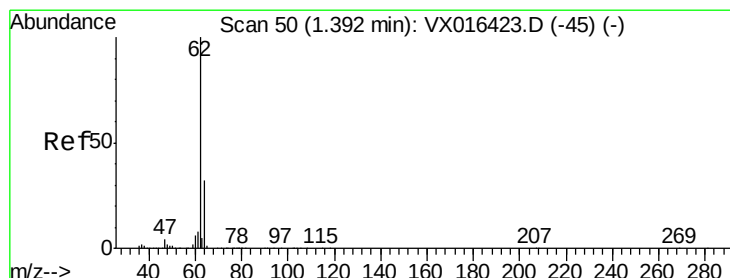
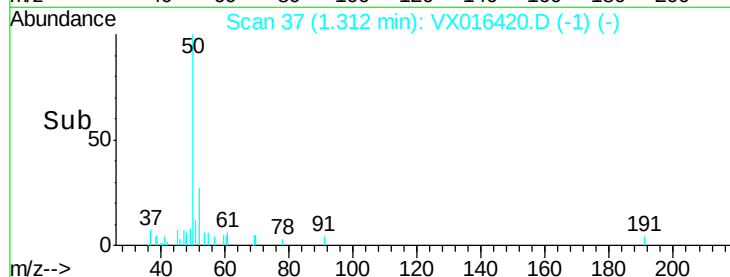
Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1.35

Time-->



#4

Vinyl Chloride

Concen: 1.296 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016420.D

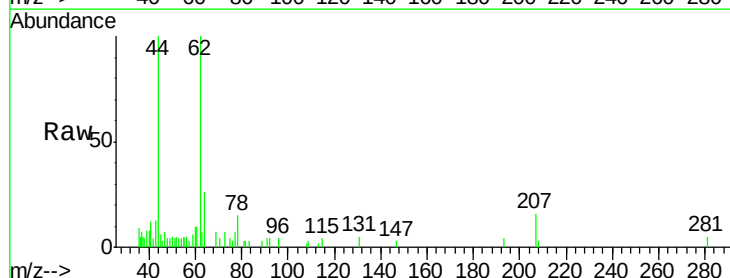
Acq: 26 May 2020 12:20

Tgt Ion: 62 Resp: 2076

Ion Ratio Lower Upper

62 100

64 26.4 25.4 38.0



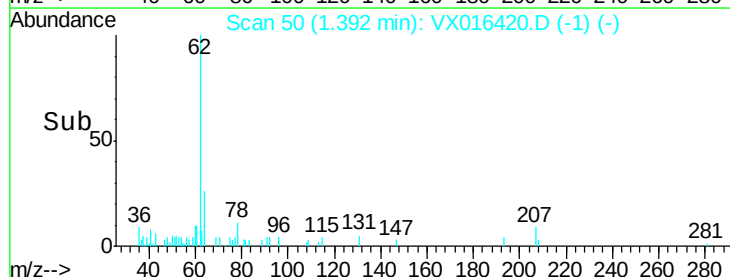
Abundance Ion 61.90 (61.60 to 62.60): VX0

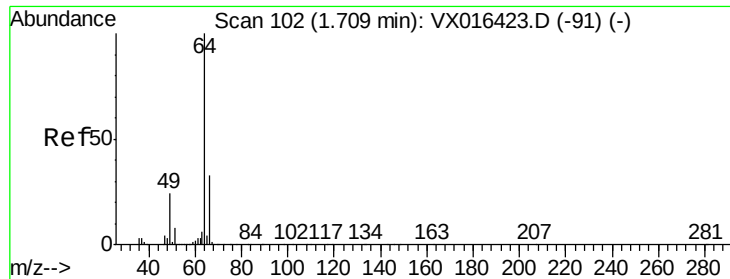
Ion 63.90 (63.60 to 64.60): VX0

1.39

1.45

Time-->





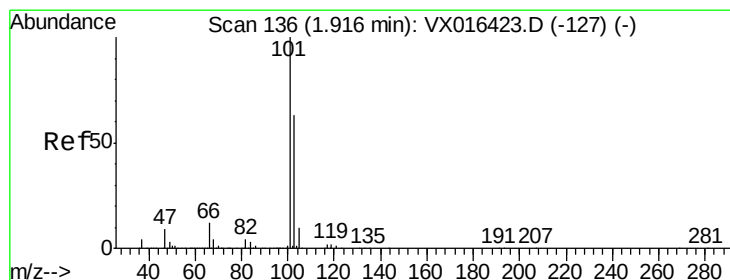
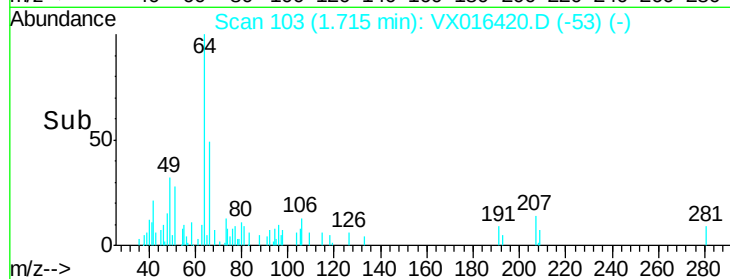
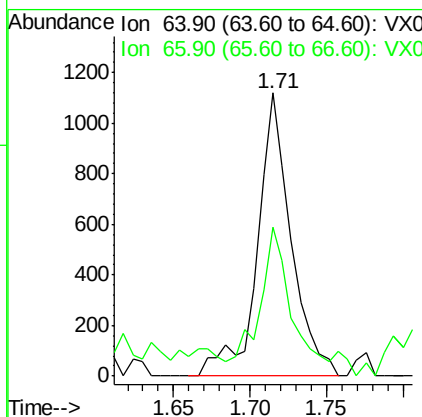
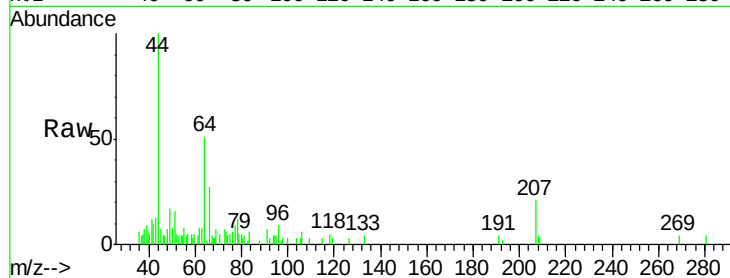
#6
Chloroethane
Concen: 1.727 ug/l
RT: 1.71 min Scan# 103
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
64	100		
66	45.7	26.0	39.0#

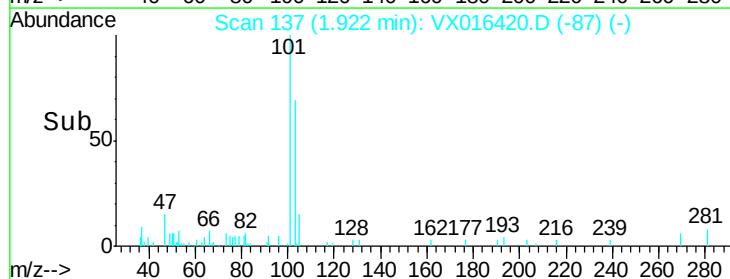
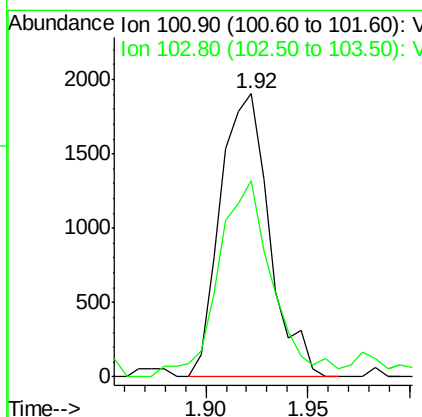
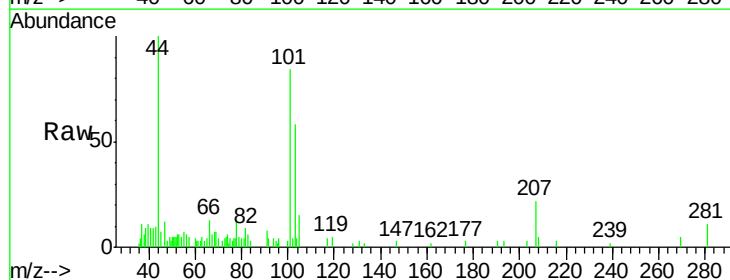
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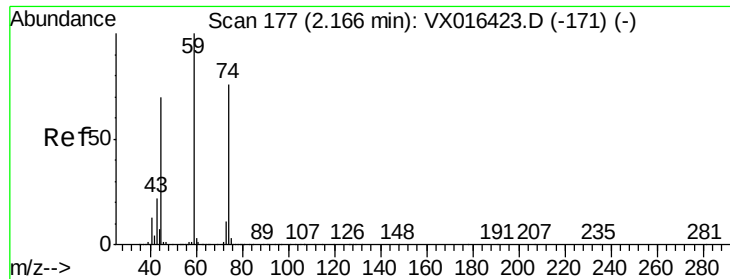
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5/27/2020 12:27:03 PM



#7
Trichlorofluoromethane
Concen: 1.461 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.3	50.1	75.1





#8

Diethyl Ether

Concen: 1.664 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 74 Resp: 1516

Ion Ratio Lower Upper

74 100

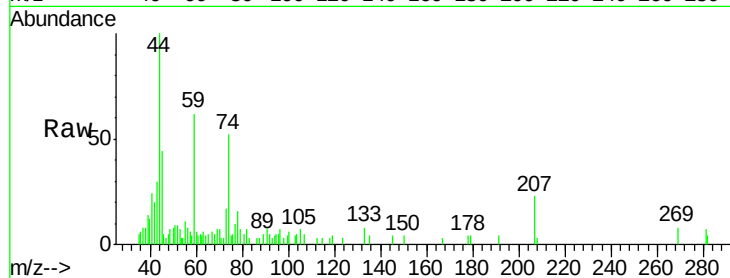
45 99.1 44.4 133.2

Manual Integrations

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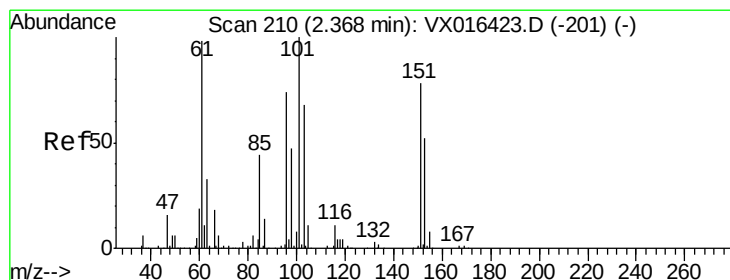
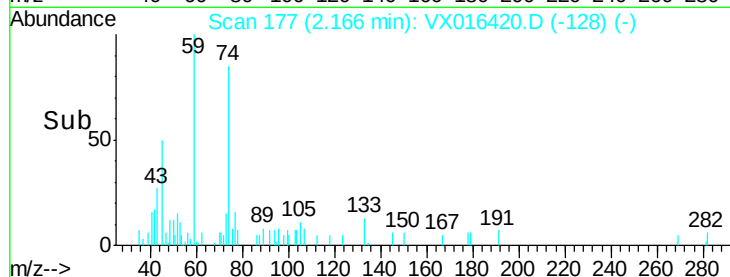
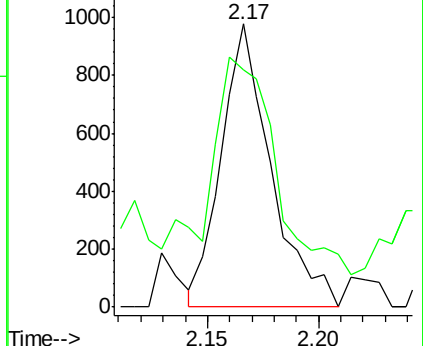
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Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.309 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

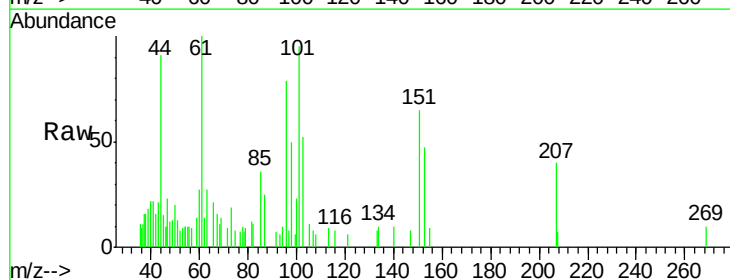
Tgt Ion: 101 Resp: 1558

Ion Ratio Lower Upper

101 100

85 45.0 36.2 54.4

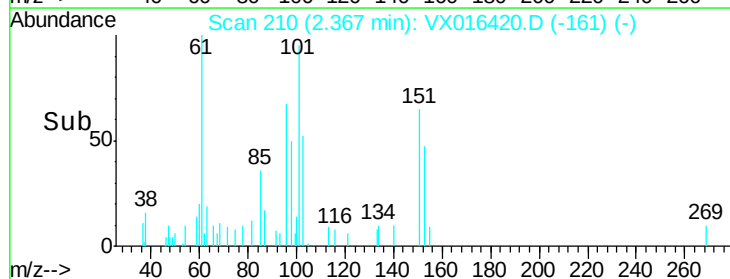
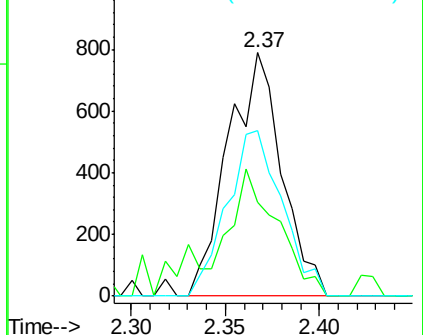
151 70.0 60.4 90.6

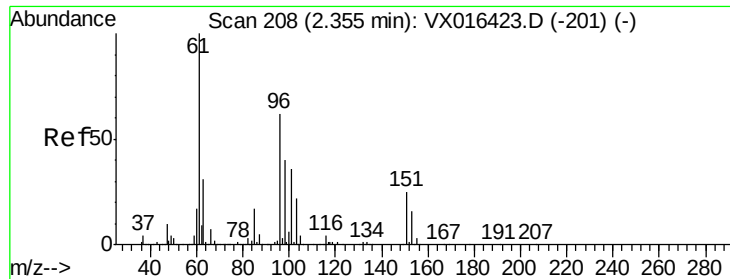


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.642 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

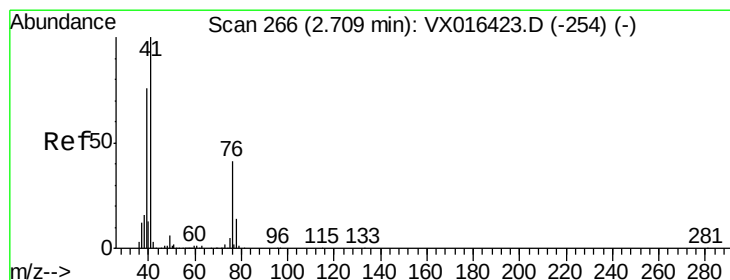
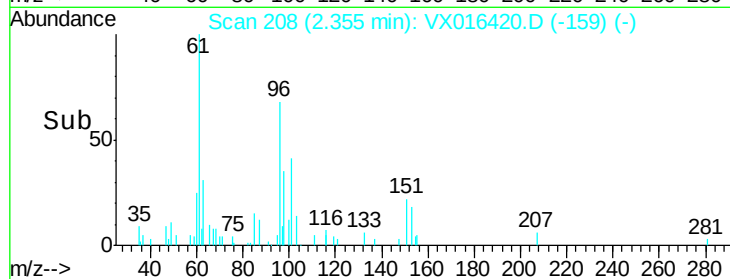
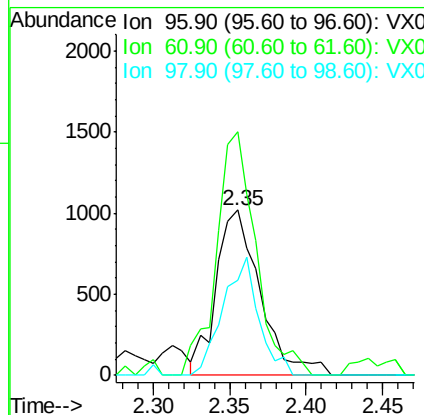
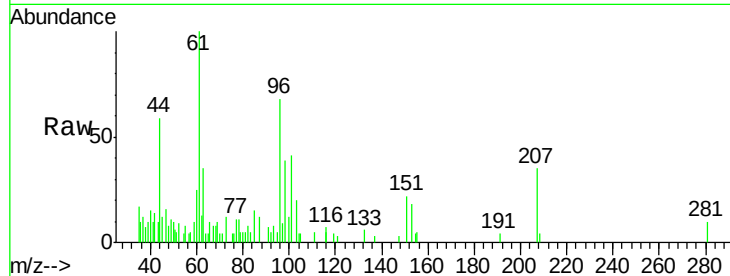
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2043
Ion	Ratio	Lower	Upper
96	100		
61	147.3	128.2	192.4
98	57.8	50.8	76.2

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#14

Allyl chloride

Concen: 1.073 ug/l

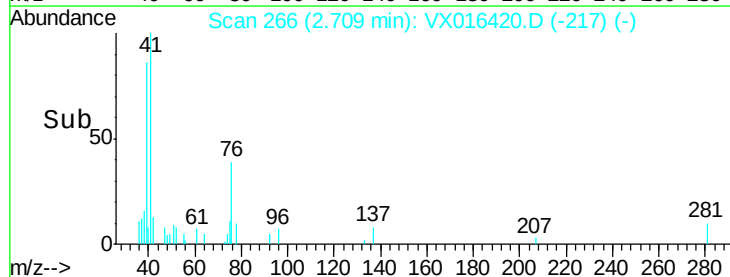
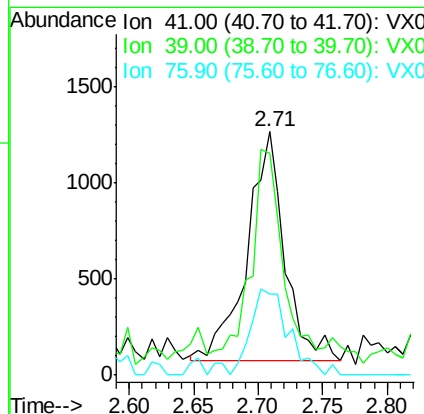
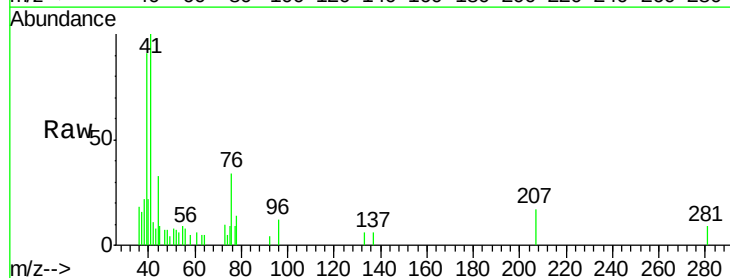
RT: 2.71 min Scan# 266

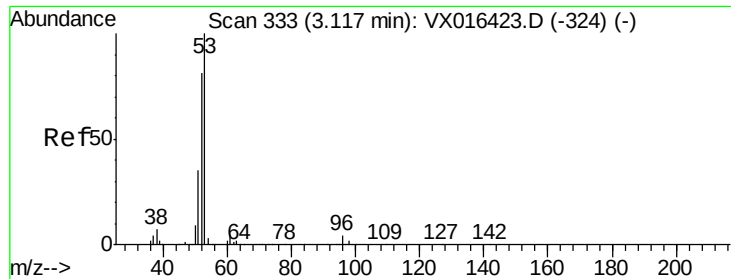
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	41	Resp:	2411
Ion	Ratio	Lower	Upper
41	100		
39	66.4	55.8	83.8
76	38.3	29.6	44.4





#15

Acrylonitrile

Concen: 5.084 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

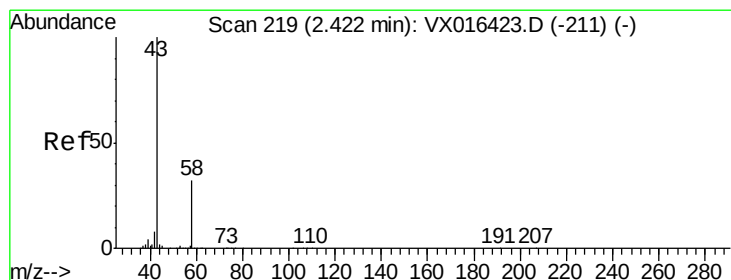
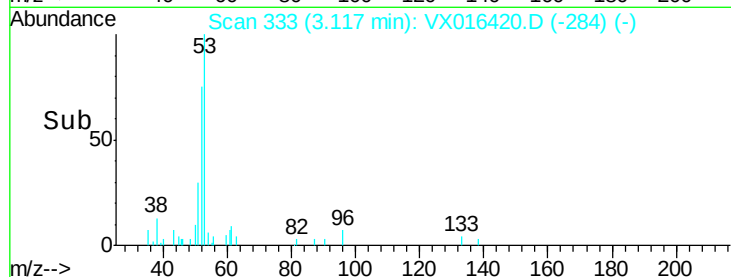
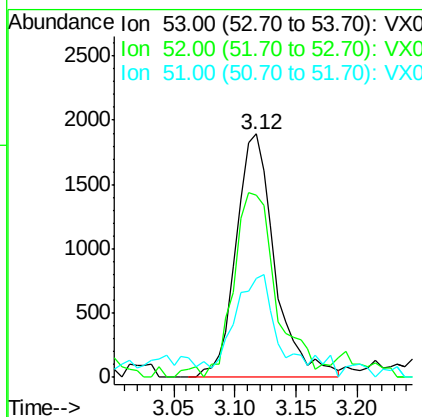
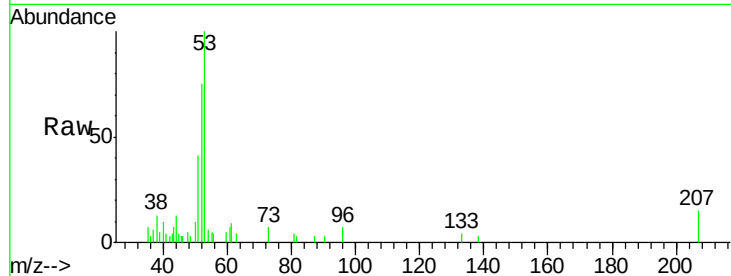
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	4172
Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.4	98.2
51	45.1	28.4	42.6#

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#16

Acetone

Concen: 7.212 ug/l

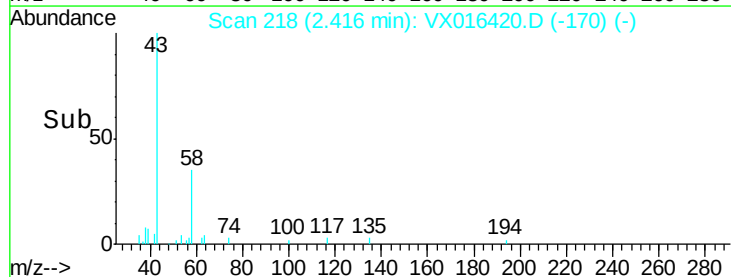
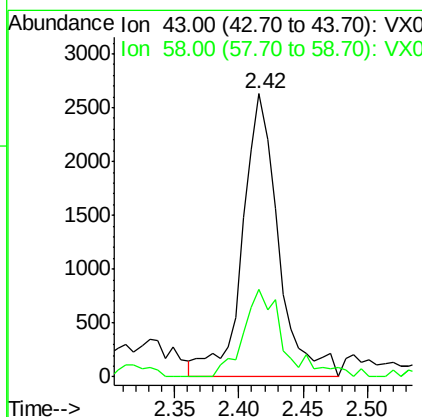
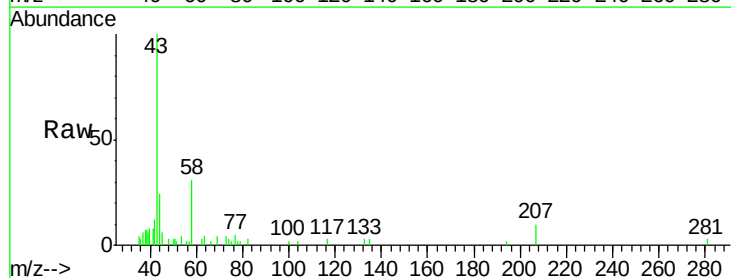
RT: 2.42 min Scan# 218

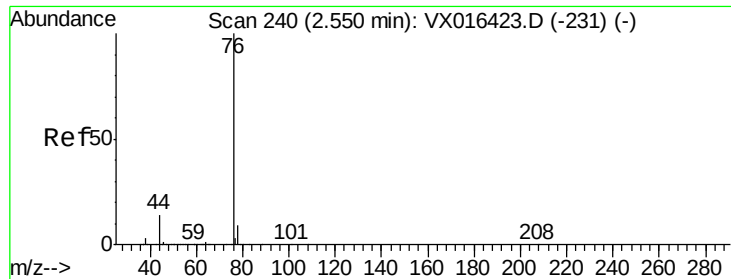
Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	43	Resp:	5039
Ion	Ratio	Lower	Upper
43	100		
58	31.1	26.0	39.0





#17

Carbon Disulfide

Concen: 1.036 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 4384

Ion Ratio Lower Upper

76 100

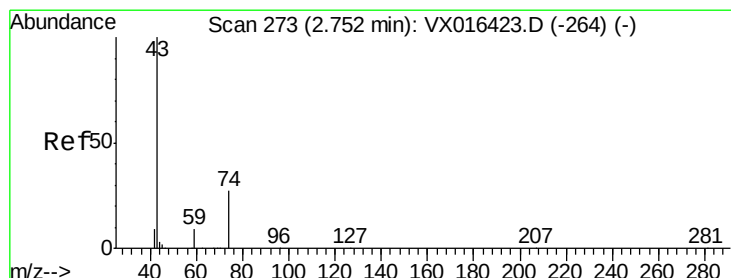
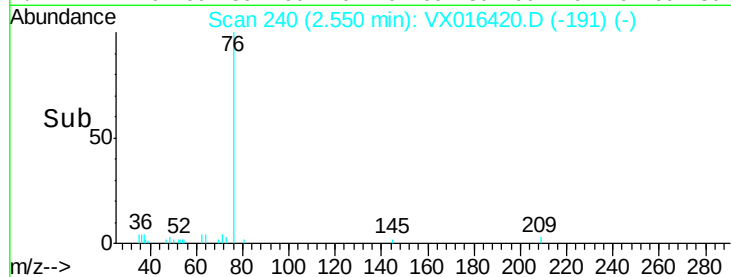
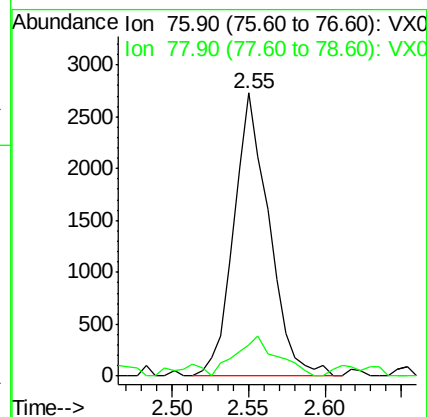
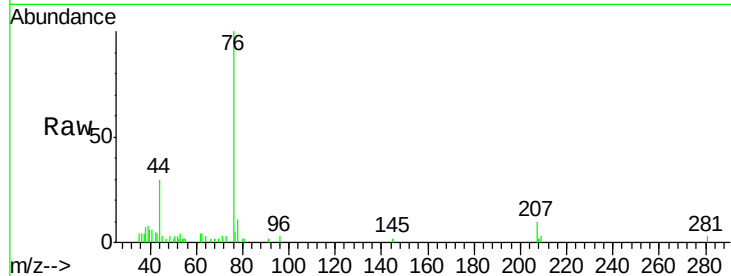
78 7.5 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 1.263 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016420.D

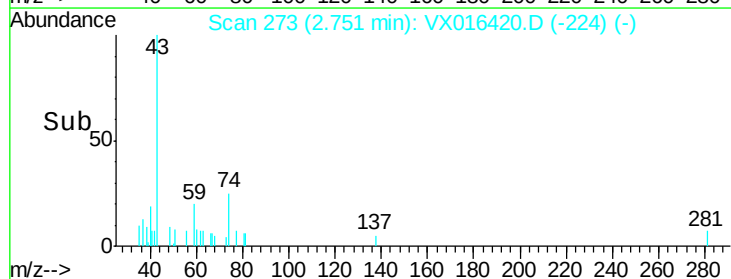
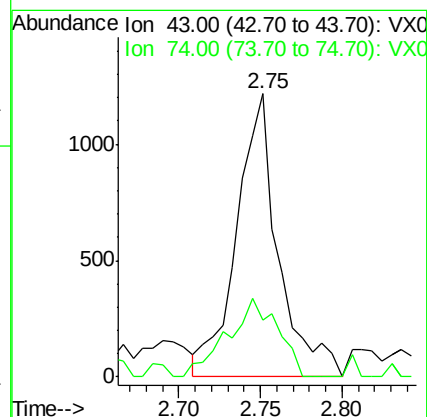
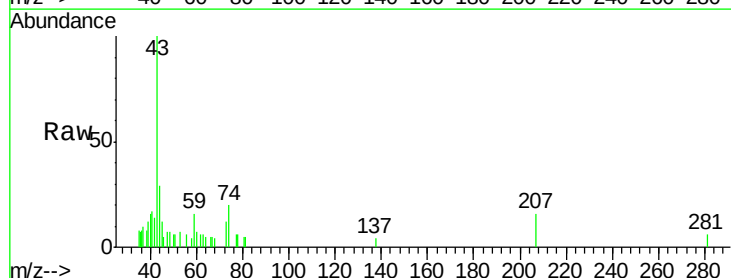
Acq: 26 May 2020 12:20

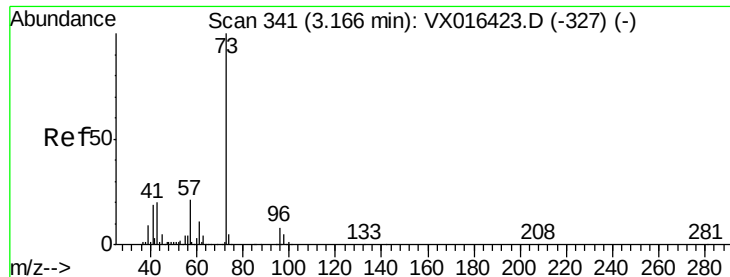
Tgt Ion: 43 Resp: 2168

Ion Ratio Lower Upper

43 100

74 33.3 21.3 31.9#





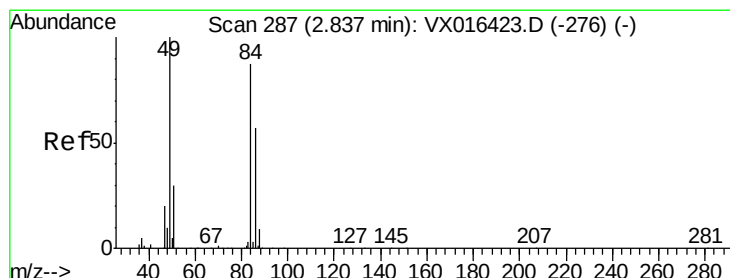
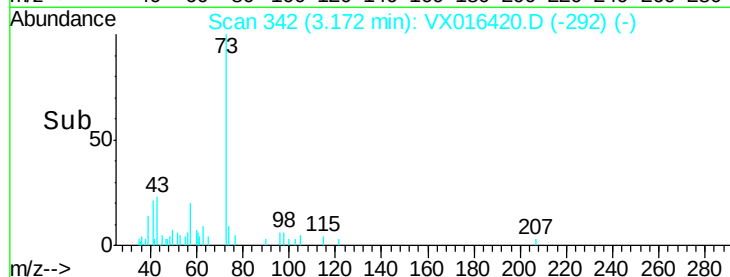
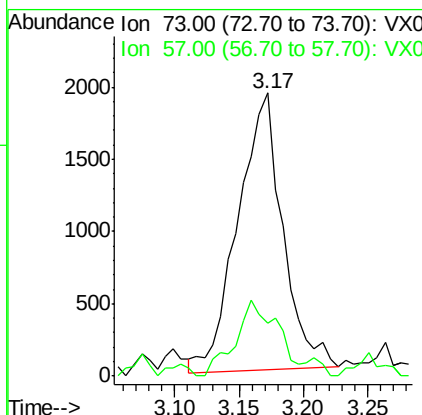
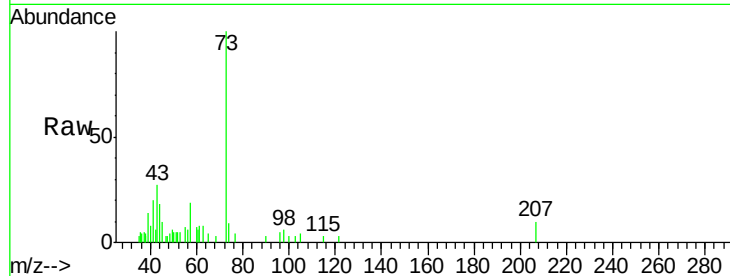
#19
Methyl tert-butyl Ether
Concen: 1.078 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.5	17.3	25.9

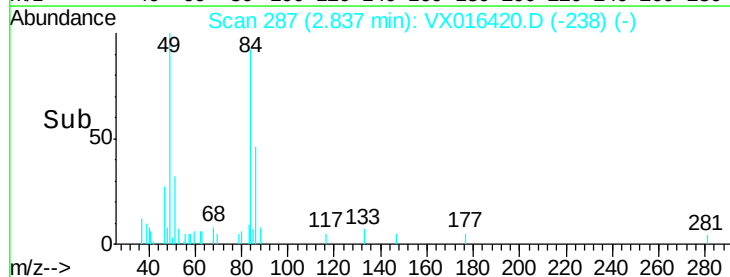
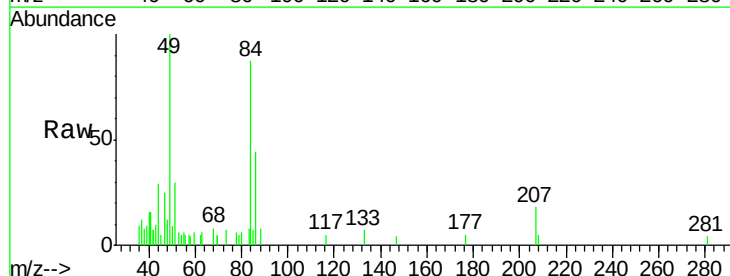
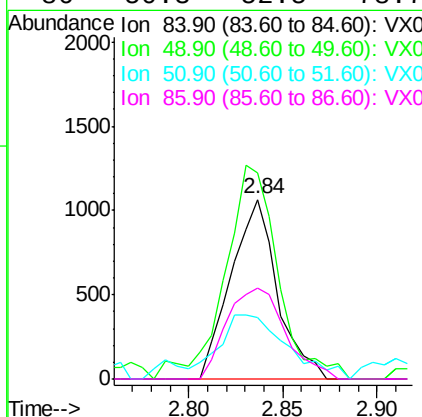
Manual Integrations
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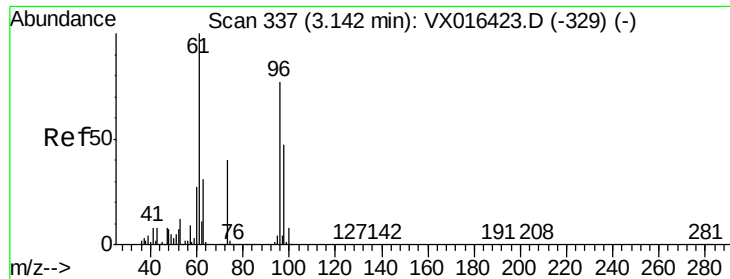
MMDadoda
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#20
Methylene Chloride
Concen: 1.254 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.8	92.2	138.4
51	28.7	27.8	41.8
86	50.3	52.5	78.7#





#21

trans-1,2-Dichloroethene

Concen: 1.204 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

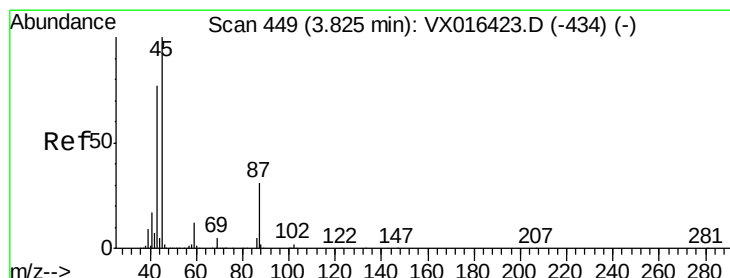
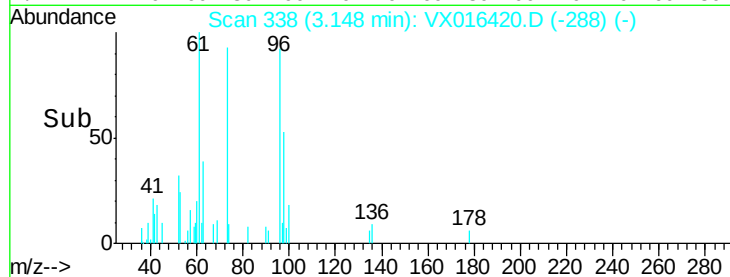
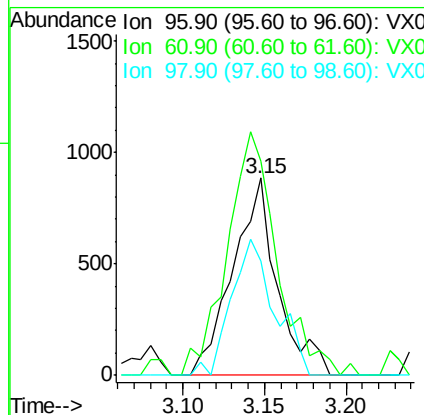
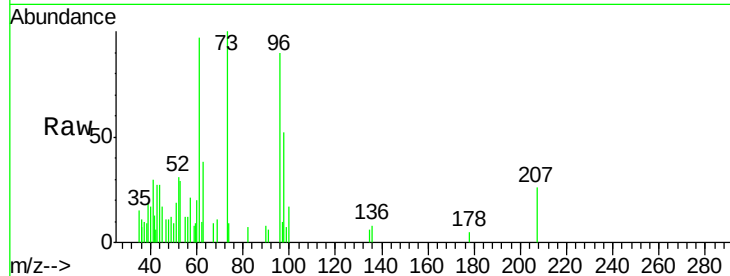
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	1694
Ion	Ratio	Lower	Upper
96	100		
61	108.8	104.3	156.5
98	58.2	49.4	74.0

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#22

Diisopropyl ether

Concen: 1.033 ug/l

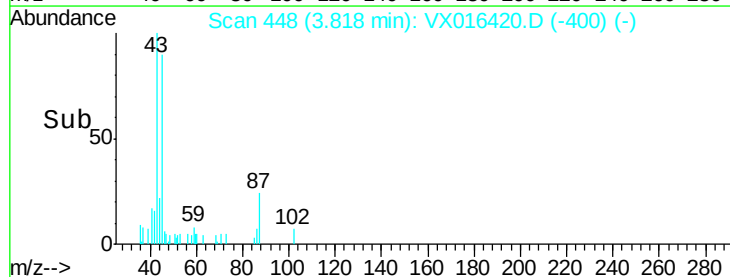
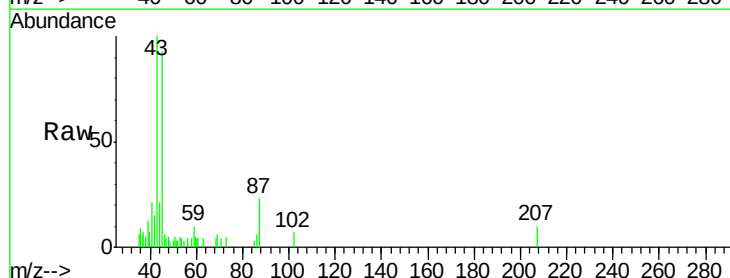
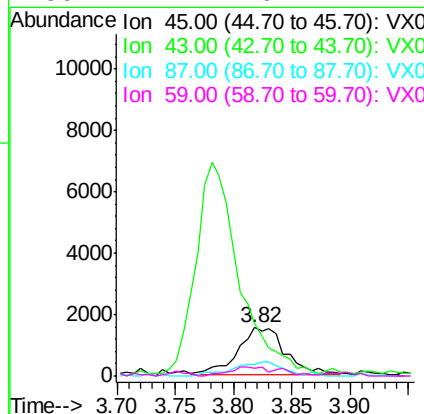
RT: 3.82 min Scan# 448

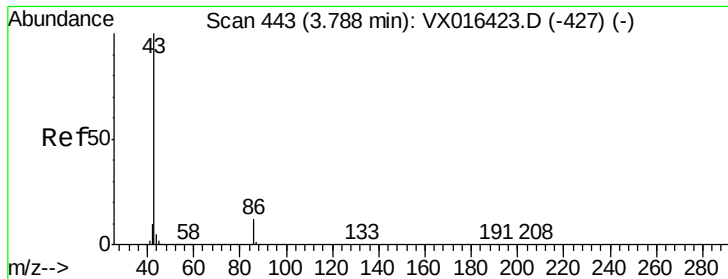
Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	45	Resp:	4444
Ion	Ratio	Lower	Upper
45	100		
43	104.3	61.4	92.2#
87	26.0	24.4	36.6
59	11.7	9.4	14.2





#23

Vinyl Acetate

Concen: 4.639 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 17535

Ion Ratio Lower Upper

43 100

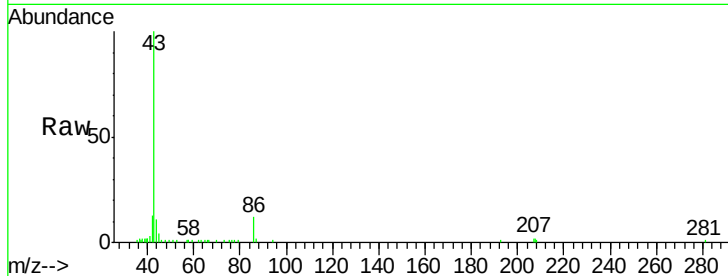
86 12.3 9.8 14.8

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

8000

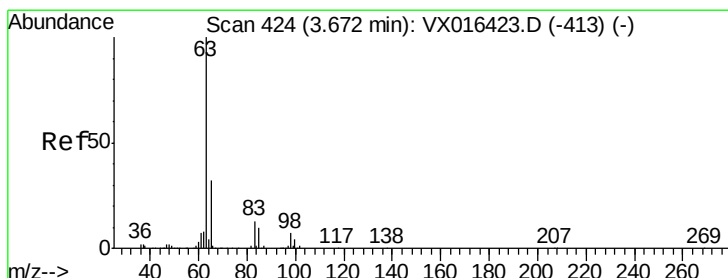
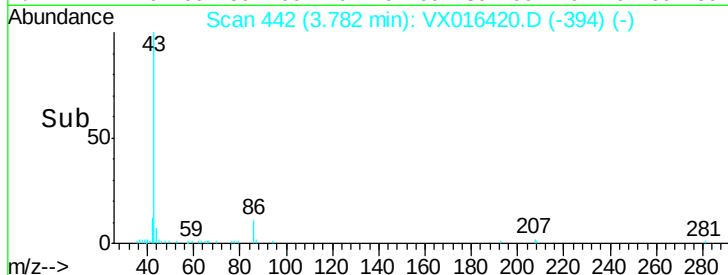
6000

4000

2000

0

Time-->



#24

1,1-Dichloroethane

Concen: 1.146 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

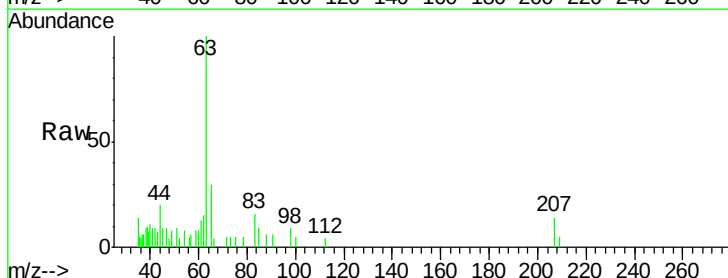
Tgt Ion: 63 Resp: 2778

Ion Ratio Lower Upper

63 100

98 8.8 3.6 10.8

100 4.9 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

3.67

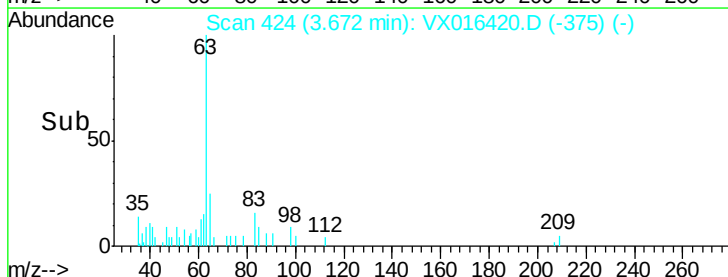
1500

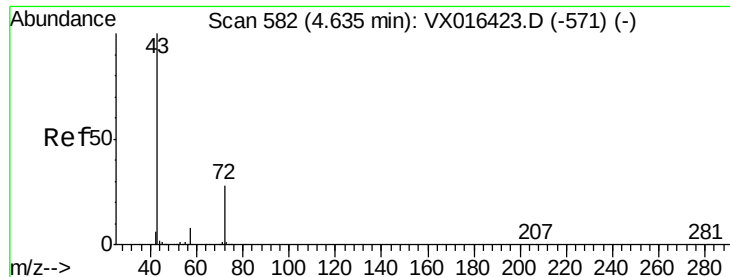
1000

500

0

Time-->





#25

2-Butanone

Concen: 4.619 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 5206

Ion Ratio Lower Upper

43 100

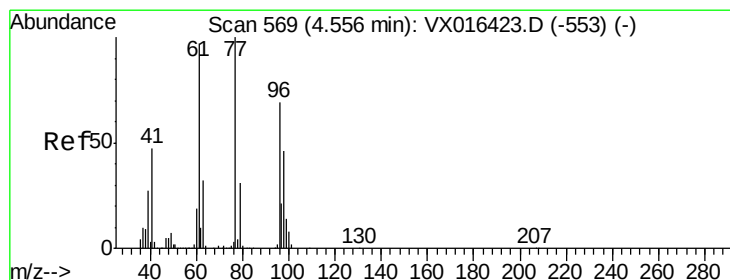
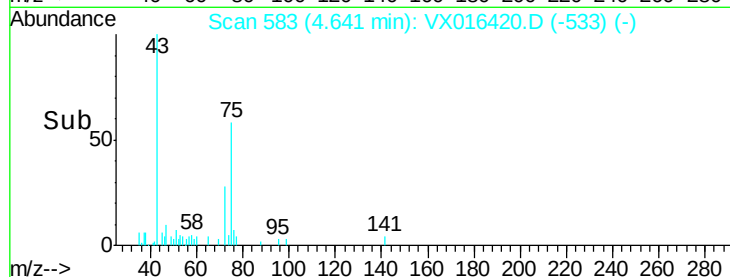
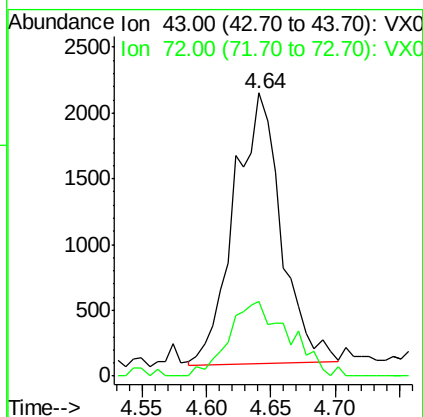
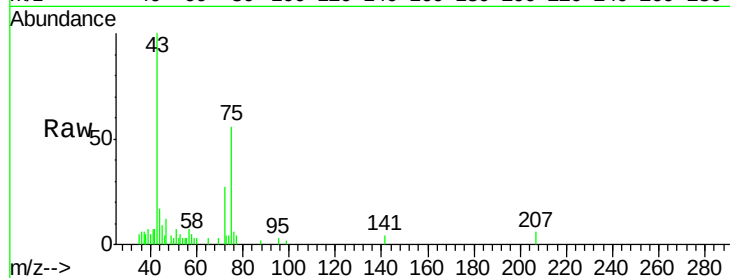
72 28.0 22.7 34.1

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#26

2,2-Dichloropropane

Concen: 1.191 ug/l m

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX016420.D

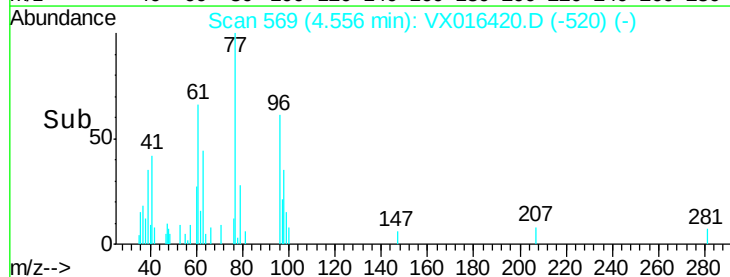
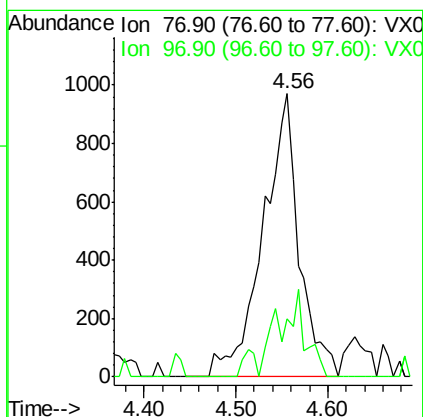
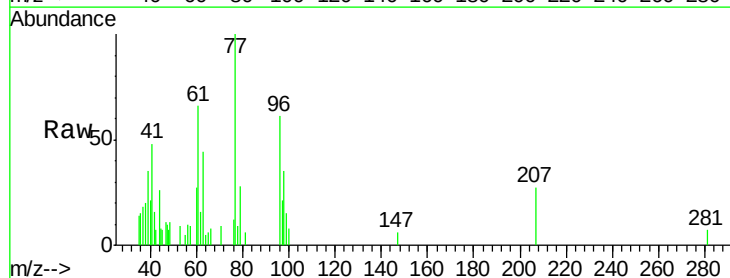
Acq: 26 May 2020 12:20

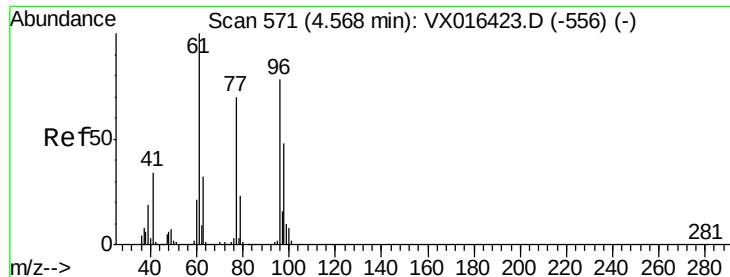
Tgt Ion: 77 Resp: 2642

Ion Ratio Lower Upper

77 100

97 0.9 11.5 34.5#





#27

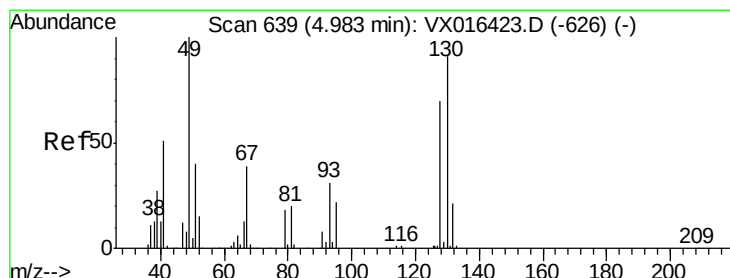
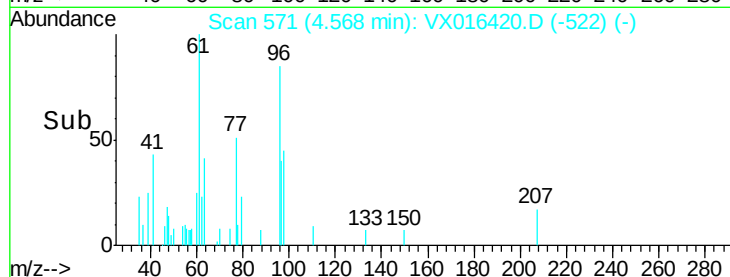
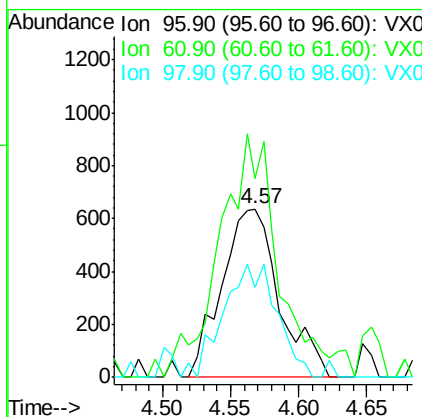
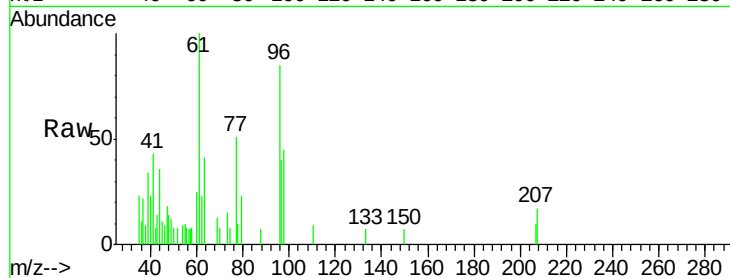
cis-1,2-Dichloroethene
Concen: 1.220 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	271.0
98	62.3	0.0	127.6

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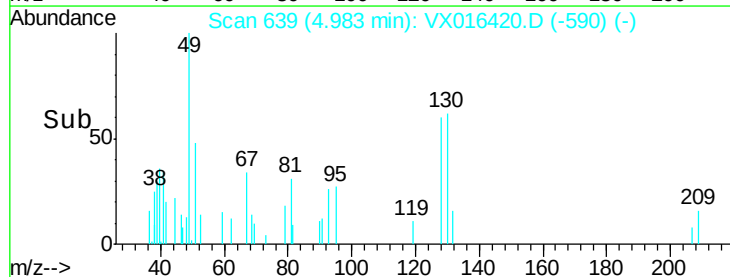
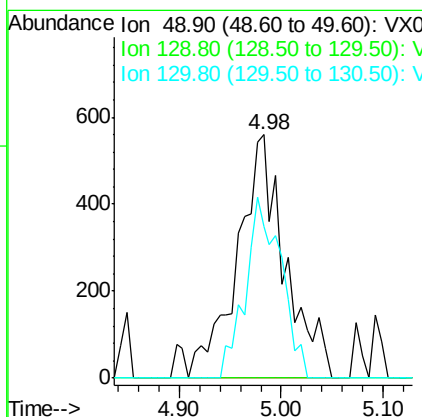
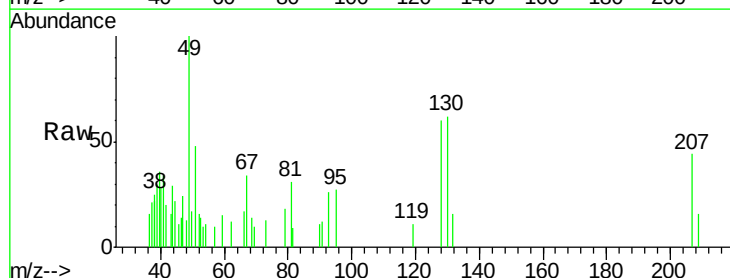
MMDadoda
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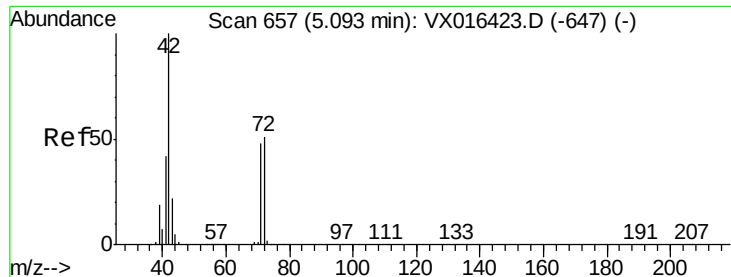


#28

Bromochloromethane
Concen: 1.632 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	55.6	71.2	106.8#





#29

Tetrahydrofuran

Concen: 5.899 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

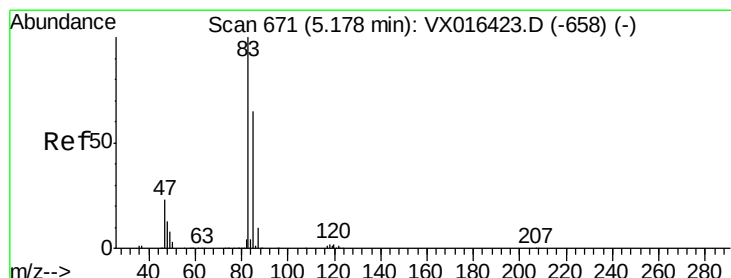
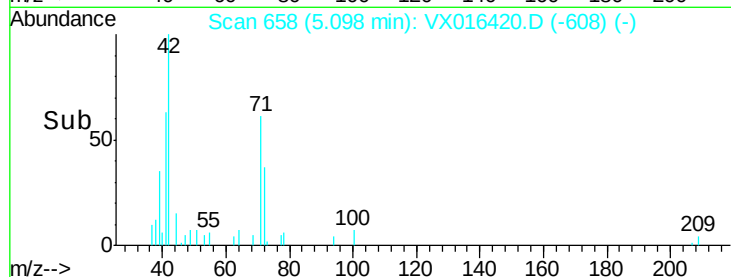
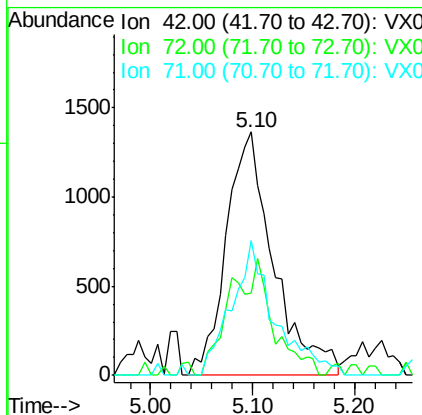
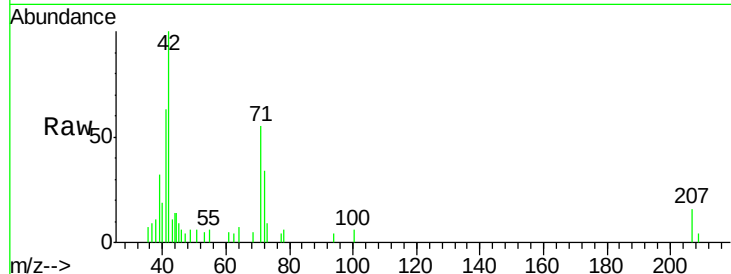
ClientSampleId :

VSTDIC001

Tot Ion:	42	Resp:	4400
Ion	Ratio	Lower	Upper
42	100		
72	20.0	40.2	60.4#
71	50.6	37.7	56.5

Manual Integrations
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#30

Chloroform

Concen: 1.129 ug/l

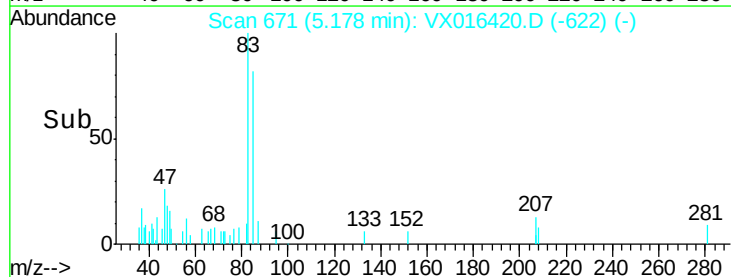
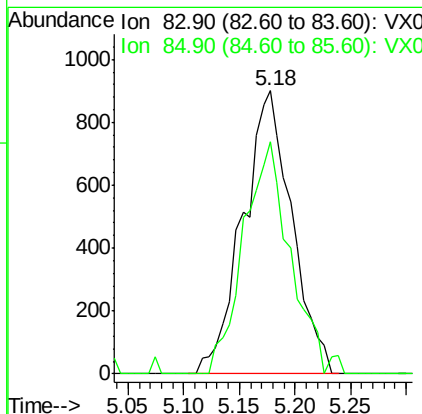
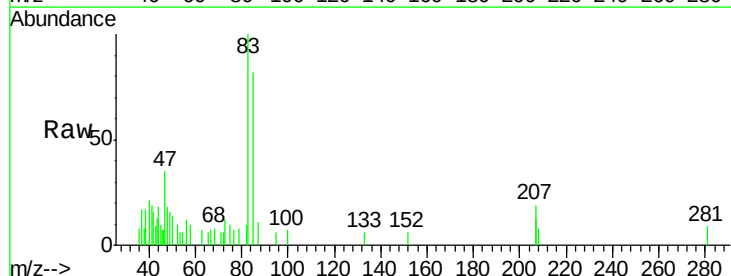
RT: 5.18 min Scan# 671

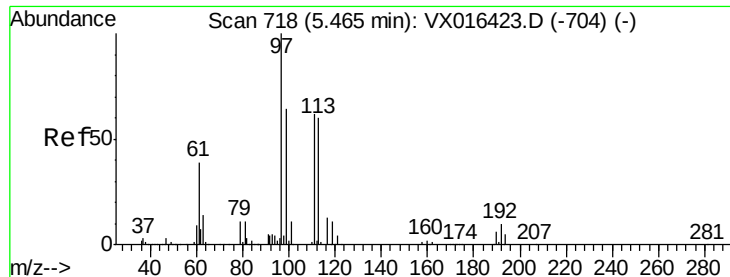
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	83	Resp:	2750
Ion	Ratio	Lower	Upper
83	100		
85	82.2	52.1	78.1#





#32

1,1,1-Trichloroethane

Concen: 1.288 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

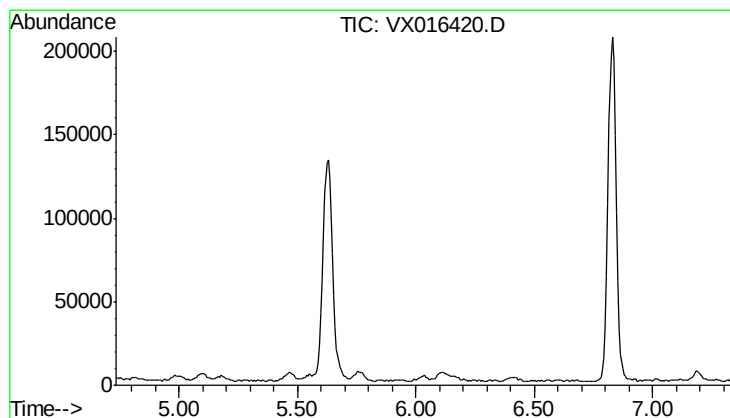
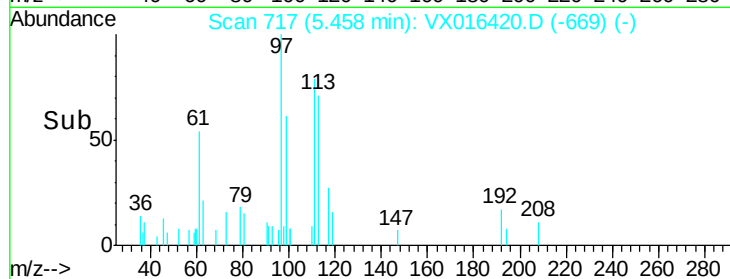
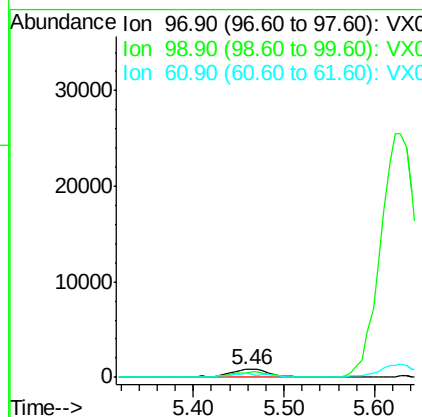
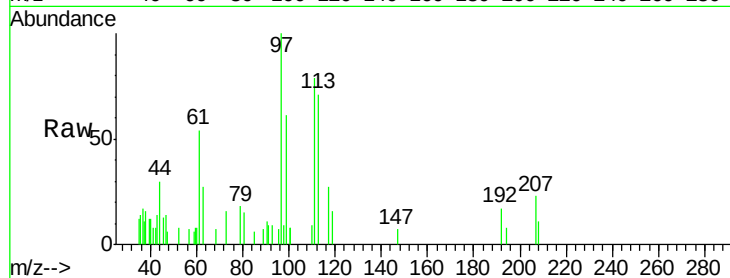
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	2861
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.1	76.7#
61	46.8	33.1	49.7

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016420.D

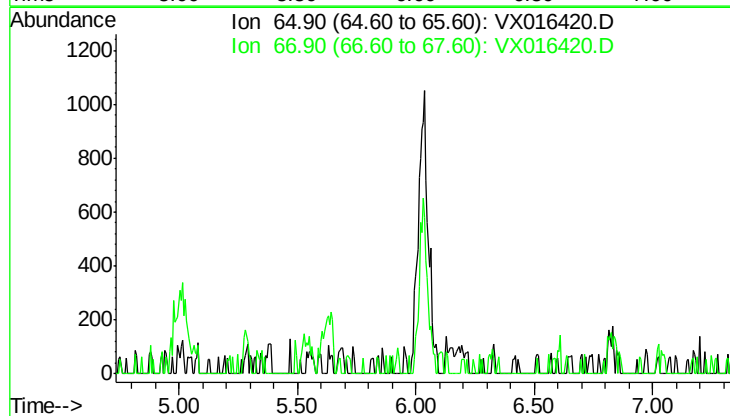
Acq: 26 May 2020 12:20

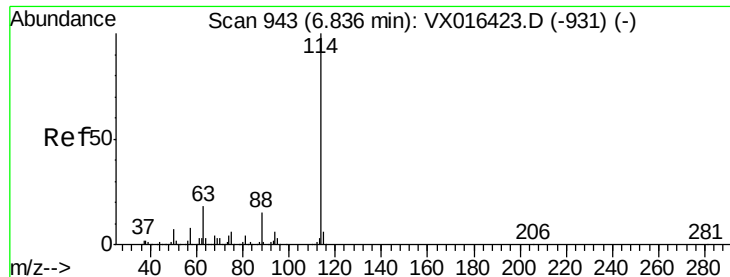
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.1





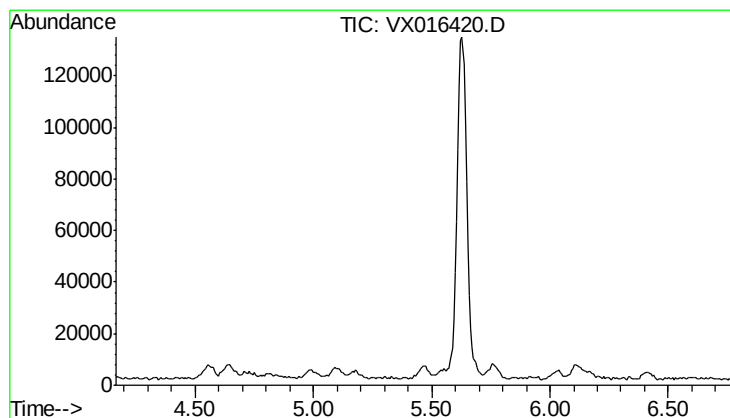
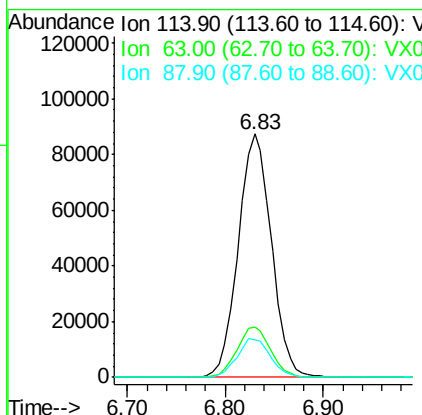
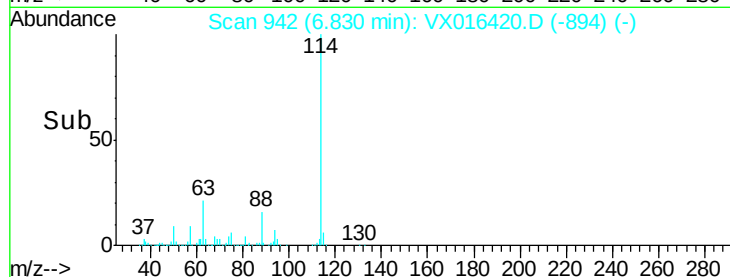
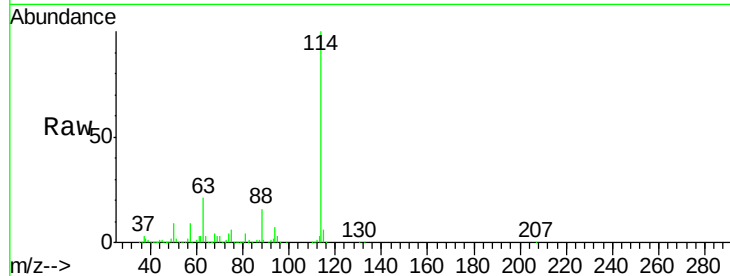
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Resp Lower	Upper
114	100			
63	20.9	0.0	36.4	
88	15.6	0.0	29.2	

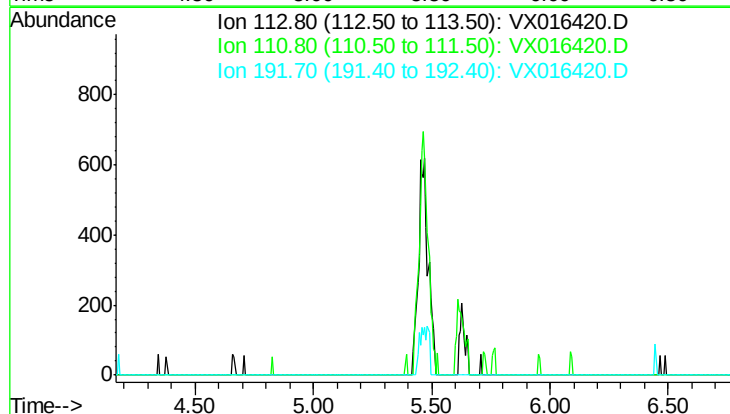
Manual Integrations
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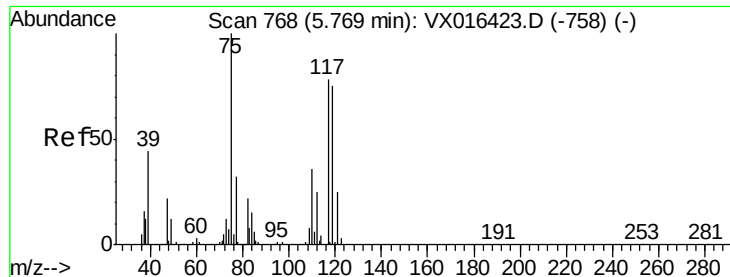
MMDadoda
 5/27/2020 12:27:03 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 5.46 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Tgt Ion	Exp Ratio
113	100
111	103.1
192	20.6





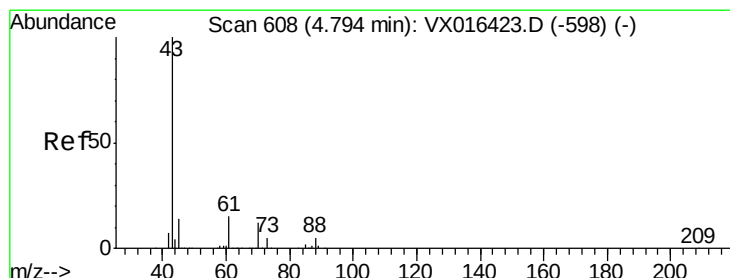
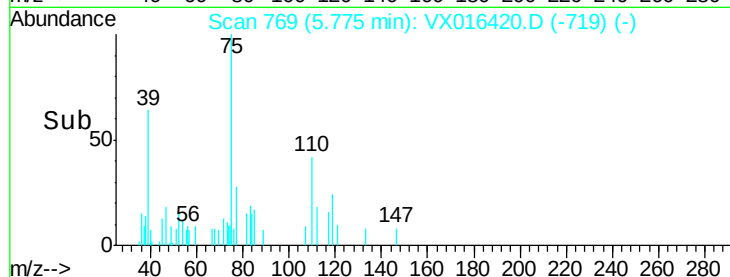
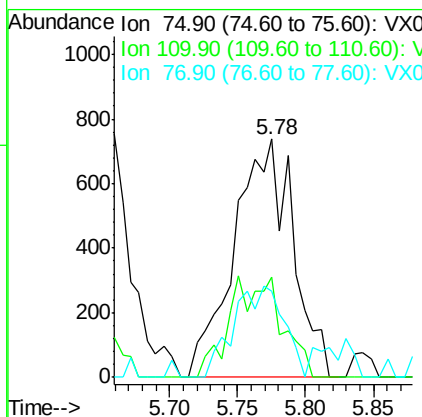
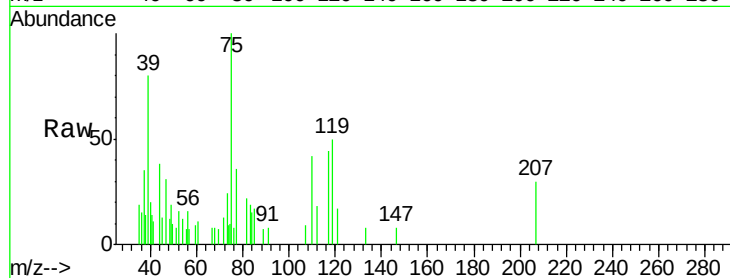
#36
 1,1-Dichloropropene
 Concen: 1.112 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.7	56.1#
77	0.0	24.9	37.3#

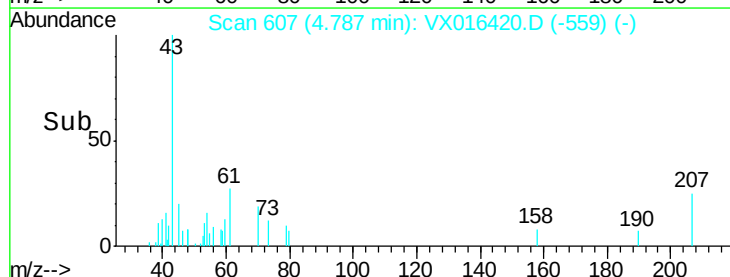
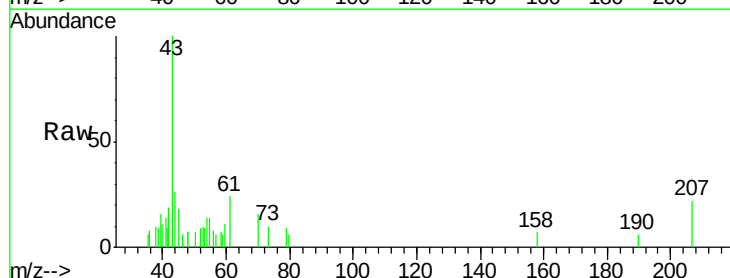
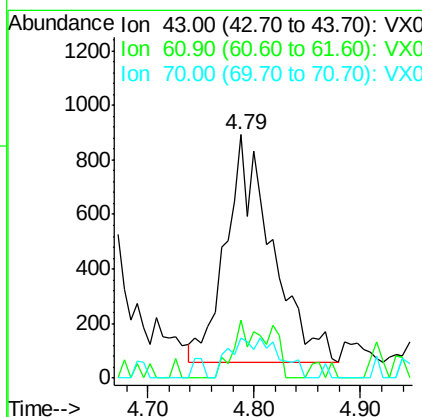
Manual Integrations
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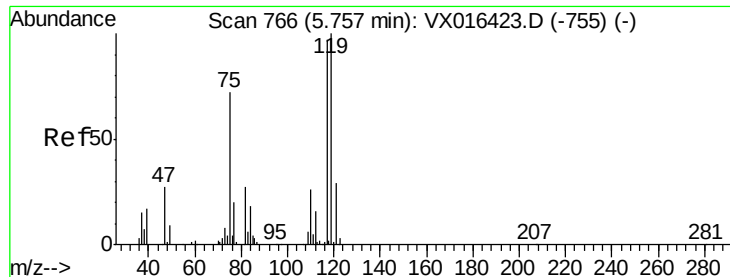
MMDadoda
 5/27/2020 12:27:03 PM



#37
 Ethyl Acetate
 Concen: 1.095 ug/l
 RT: 4.79 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.8	17.8
70	9.8	9.6	14.4





#38

Carbon Tetrachloride

Concen: 1.110 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

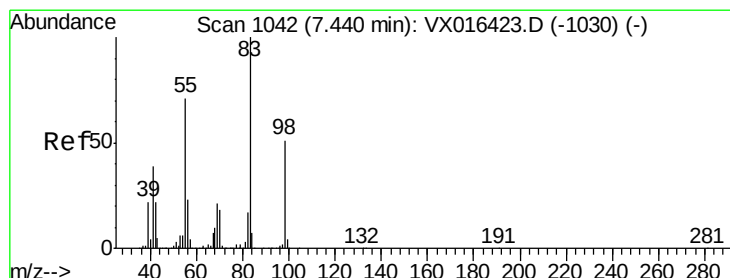
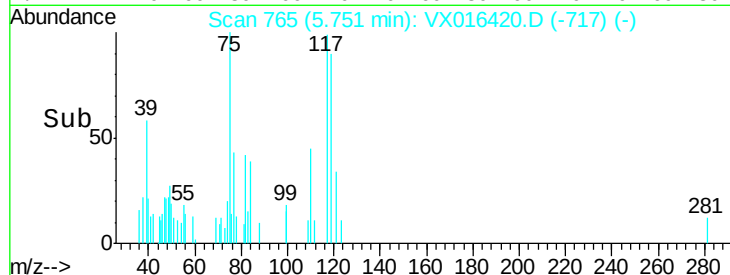
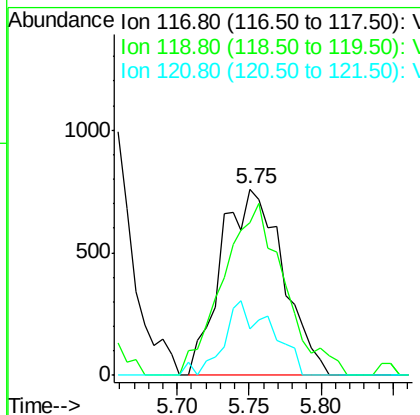
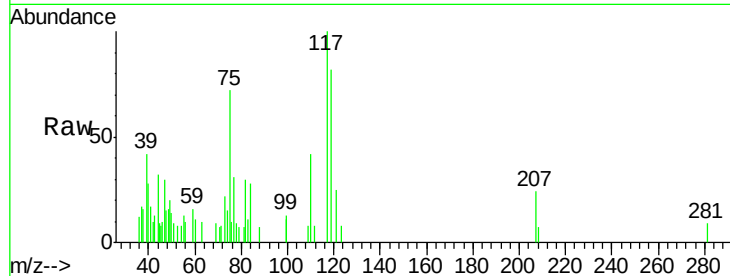
ClientSampled :

VSTDIC001

Tot Ion:	117	Resp:	2274
Ion	Ratio	Lower	Upper
117	100		
119	74.7	82.2	123.4#
121	24.9	24.1	36.1

Manual Integrations
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#39

Methylcyclohexane

Concen: 1.018 ug/l

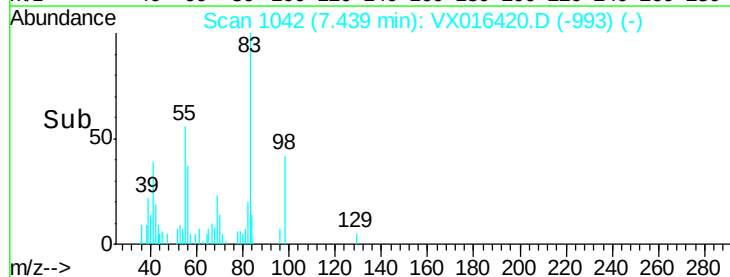
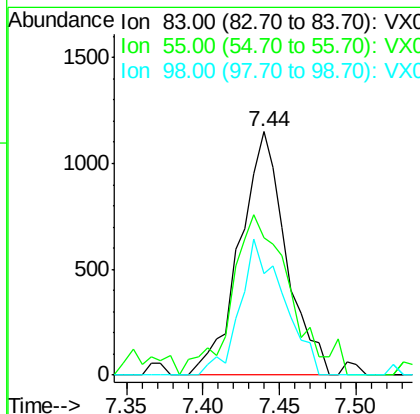
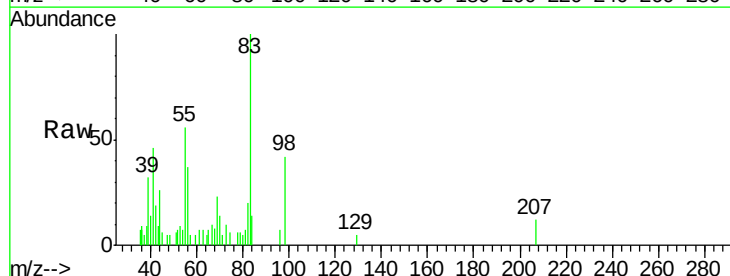
RT: 7.44 min Scan# 1042

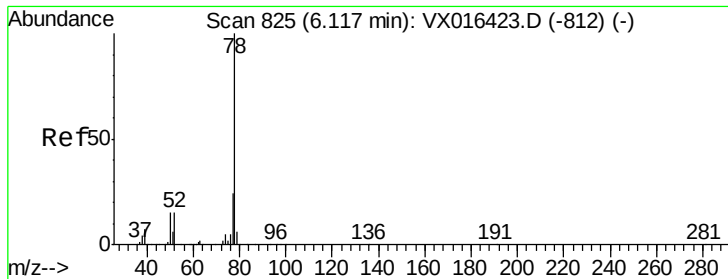
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	83	Resp:	2417
Ion	Ratio	Lower	Upper
83	100		
55	50.0	56.8	85.2#
98	41.9	40.6	61.0





#40

Benzene

Concen: 1.030 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 78 Resp: 6053

Ion Ratio Lower Upper

78 100

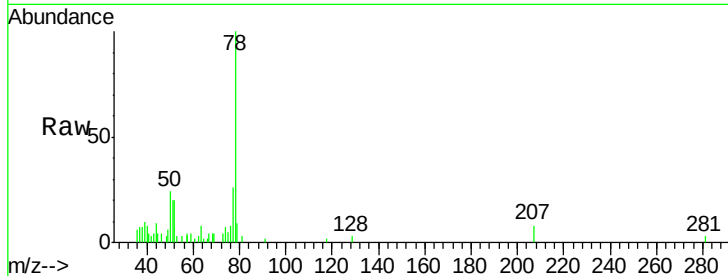
77 25.6 18.9 28.3

Manual Integrations

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

2500

2000

1500

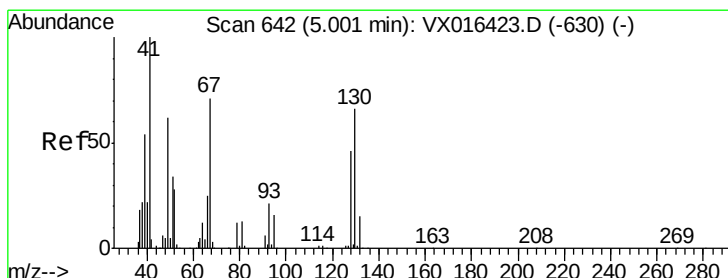
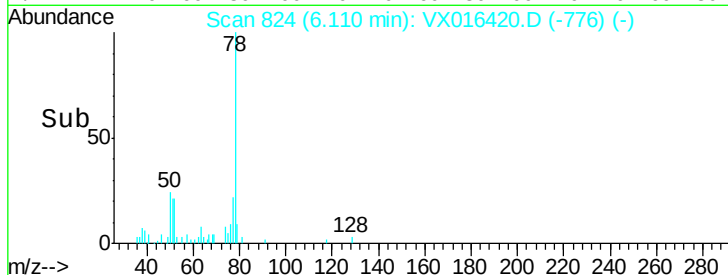
1000

500

0

6.00 6.05 6.10 6.15 6.20

Time-->



#41

Methacrylonitrile

Concen: 0.322 ug/l m

RT: 4.99 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion: 41 Resp: 398

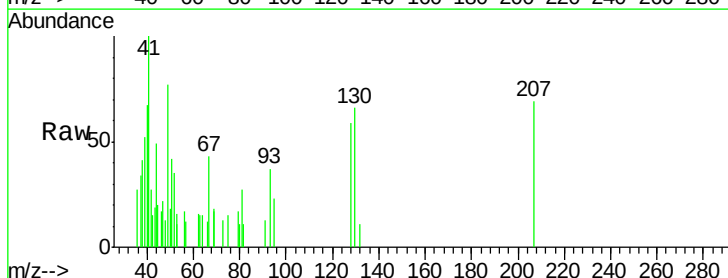
Ion Ratio Lower Upper

41 100

39 247.2 44.4 66.6#

67 294.5 62.2 93.4#

52 152.3 25.2 37.8#



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

600

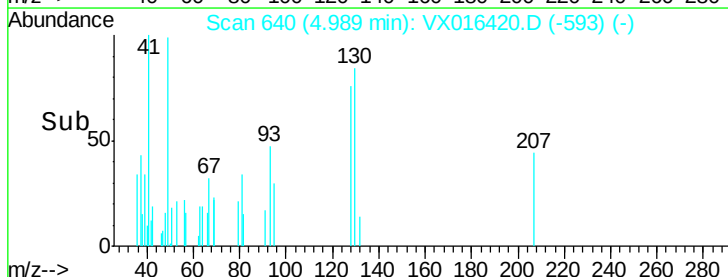
400

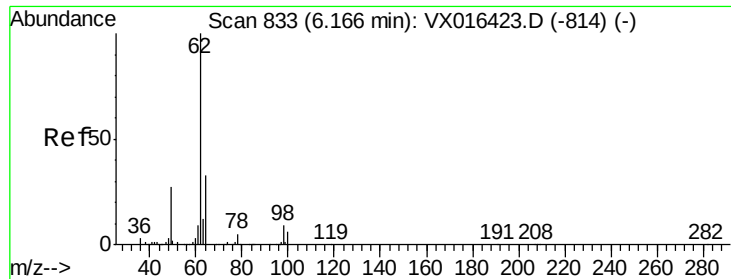
200

0

4.96 4.98 5.00

Time-->





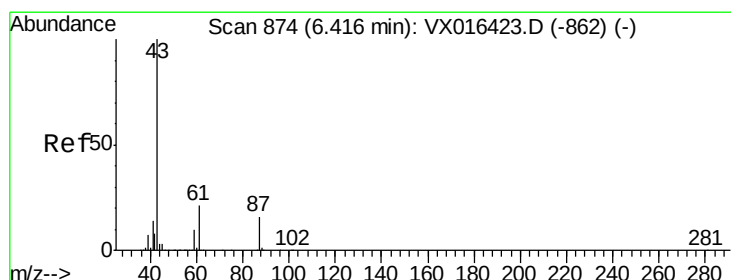
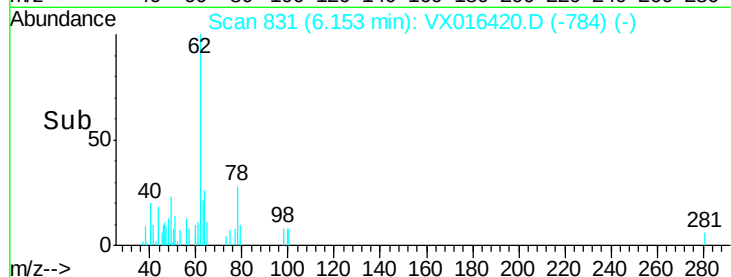
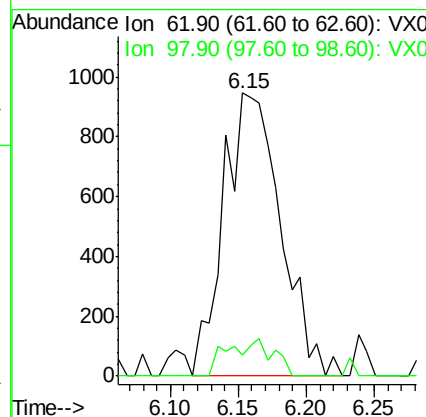
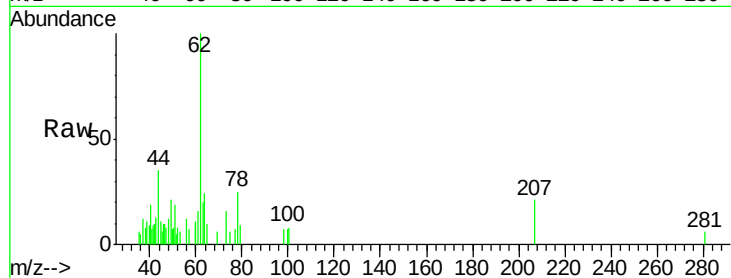
#42
1,2-Dichloroethane
Concen: 1.313 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	5.8	0.0	19.4

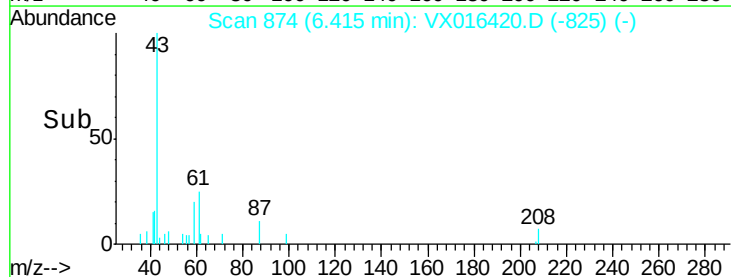
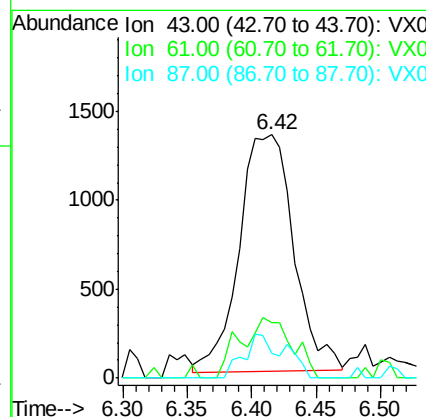
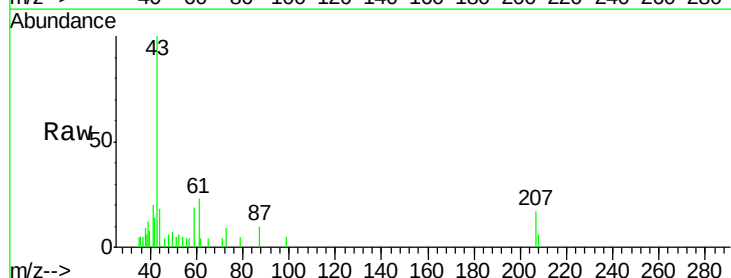
Manual Integrations
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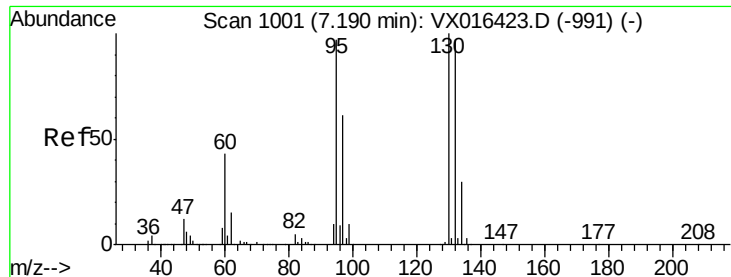
MMDadoda
5/27/2020 12:27:03 PM



#43
Isopropyl Acetate
Concen: 1.065 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
43	100		
61	24.3	17.2	25.8
87	10.1	12.3	18.5#





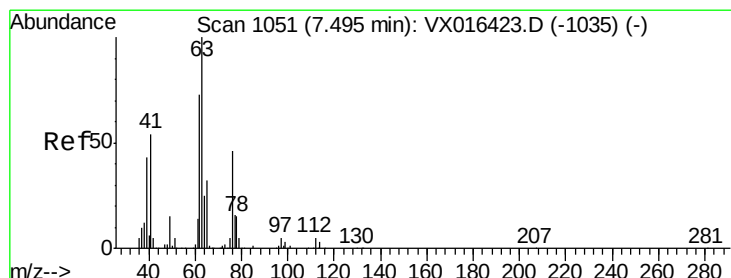
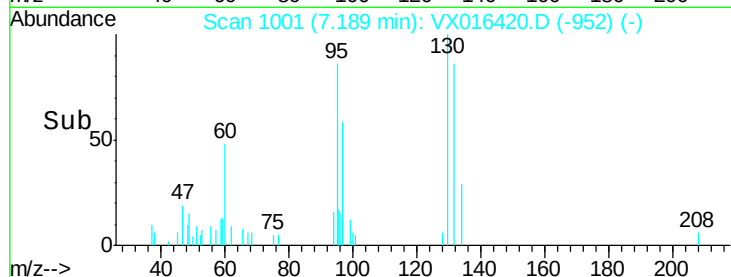
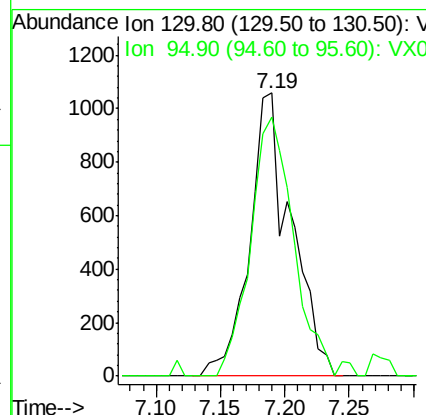
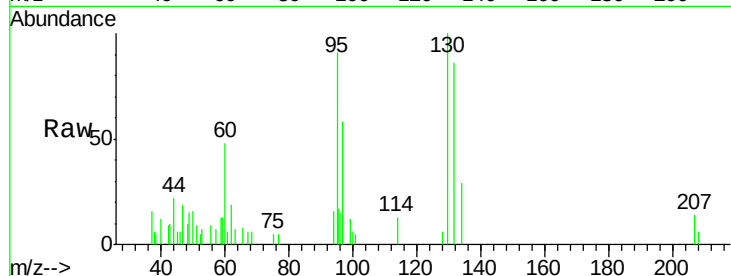
#44
 Trichloroethene
 Concen: 1.129 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion:130 Resp: 2346
 Ion Ratio Lower Upper
 130 100
 95 91.4 0.0 194.0

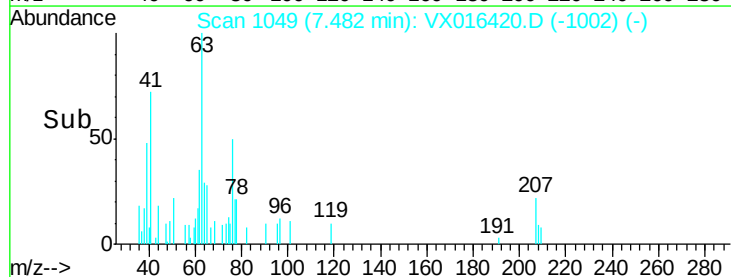
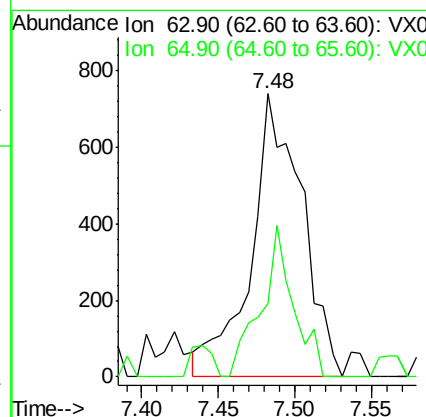
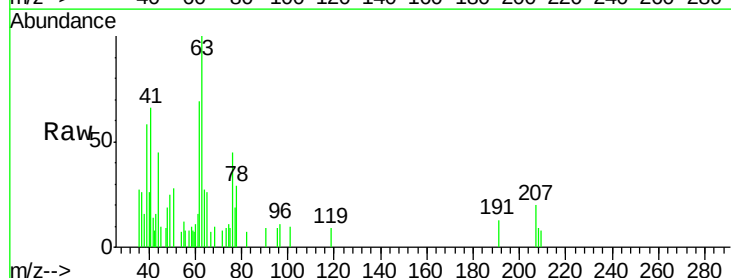
Manual Integrations
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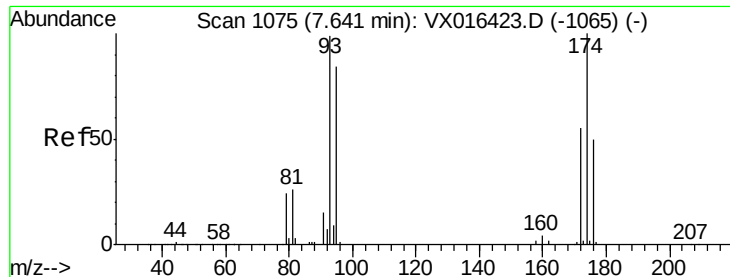
MMDadoda
 5/27/2020 12:27:03 PM



#45
 1,2-Dichloropropane
 Concen: 1.154 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Tgt Ion: 63 Resp: 1705
 Ion Ratio Lower Upper
 63 100
 65 25.9 25.3 37.9





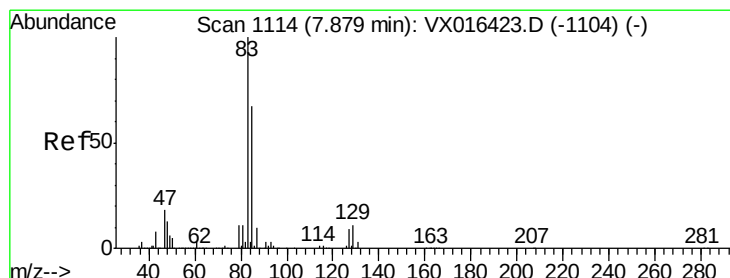
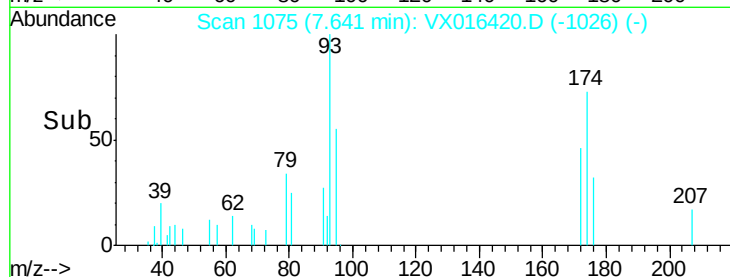
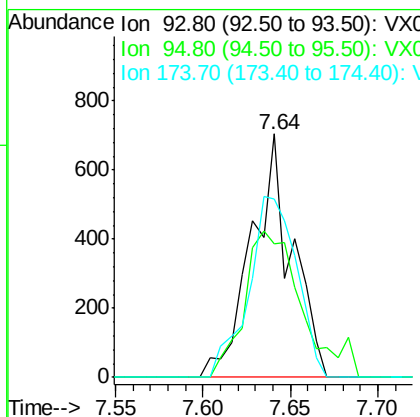
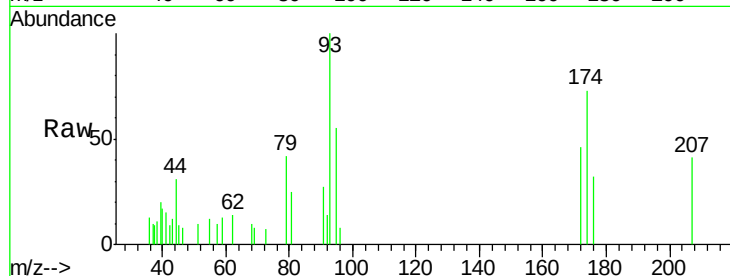
#46
Dibromomethane
Concen: 1.122 ug/l
RT: 7.64 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.7	65.0	97.4
174	87.7	81.4	122.0

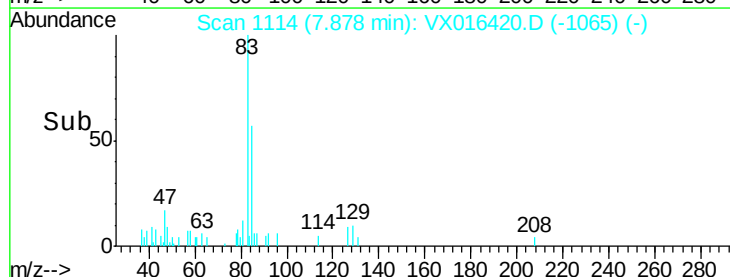
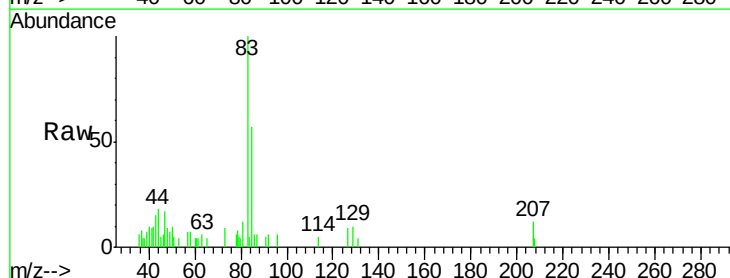
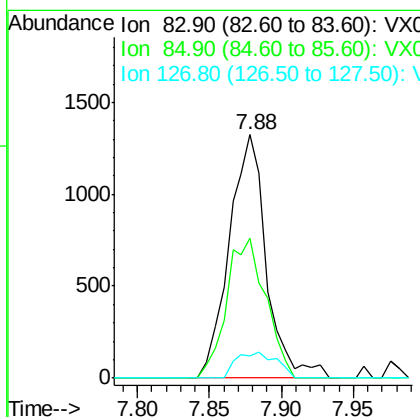
Manual Integrations
APPROVED

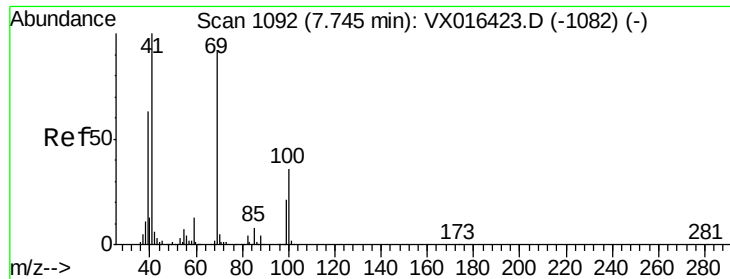
MMDadoda
5/27/2020 12:27:03 PM



#47
Bromodichloromethane
Concen: 1.153 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	53.8	80.8
127	8.9	7.4	11.2





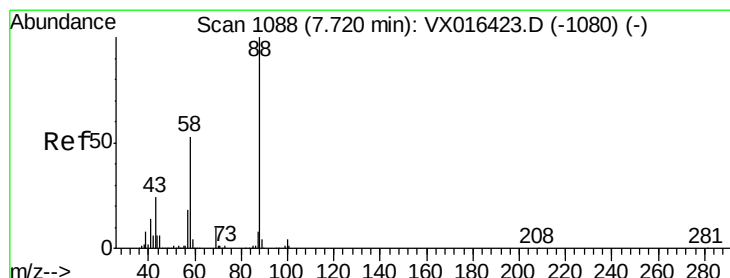
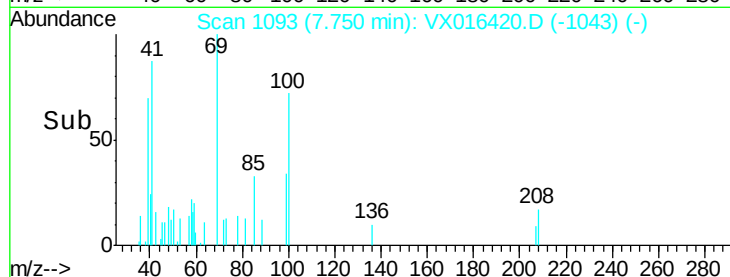
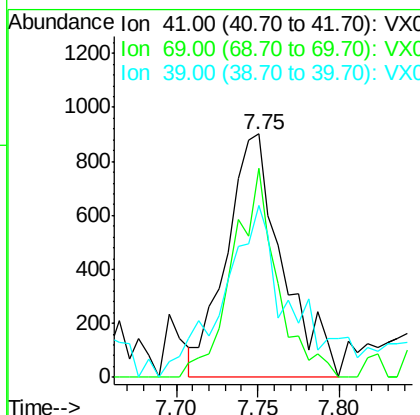
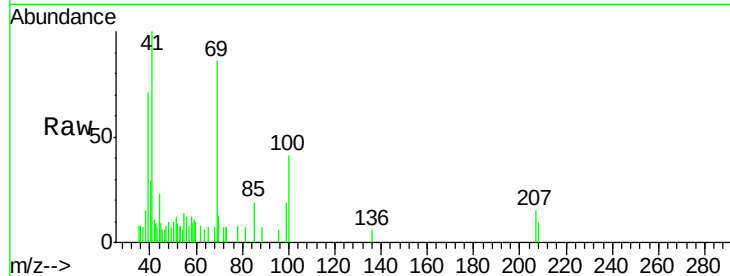
#48
Methvl methacrylate
Concen: 1.241 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	68.3	71.8	107.8#
39	78.9	48.6	73.0#

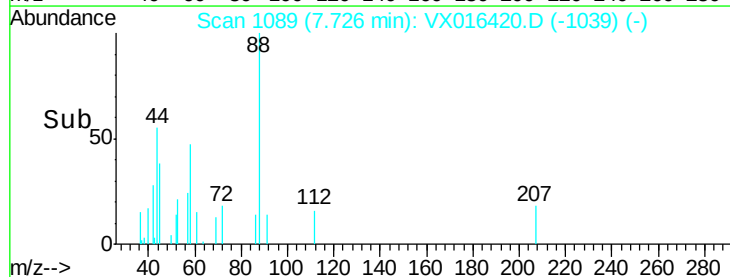
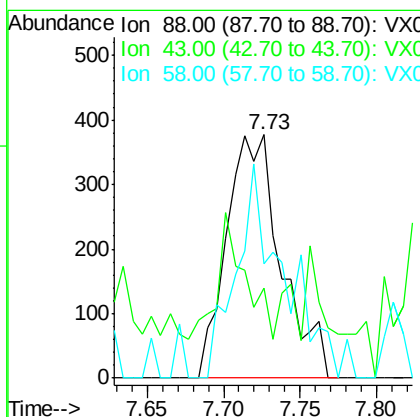
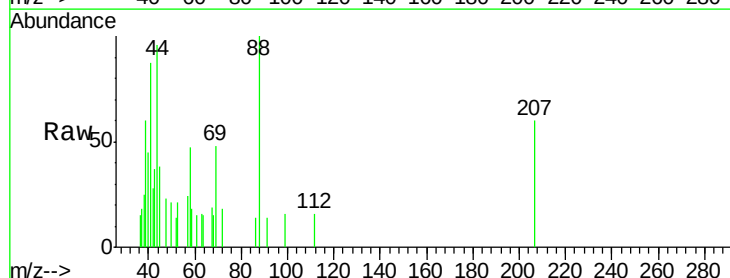
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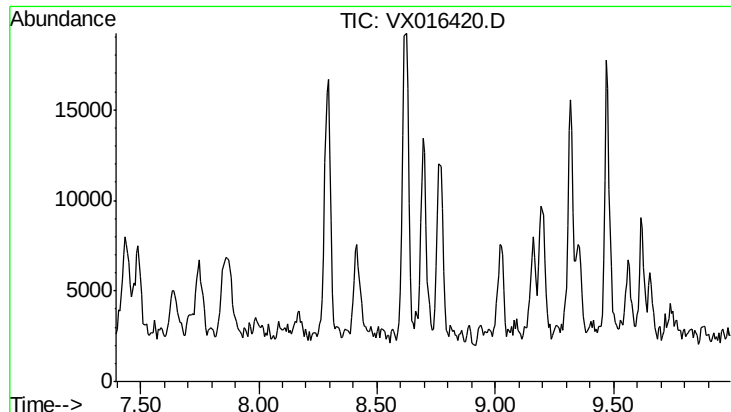
MMDadoda
5/27/2020 12:27:03 PM



#49
1,4-Dioxane
Concen: 22.233 ug/l
RT: 7.73 min Scan# 1089
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.0	34.6#
58	79.2	51.7	77.5#





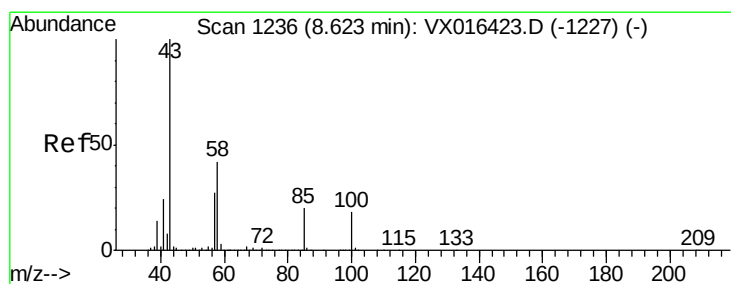
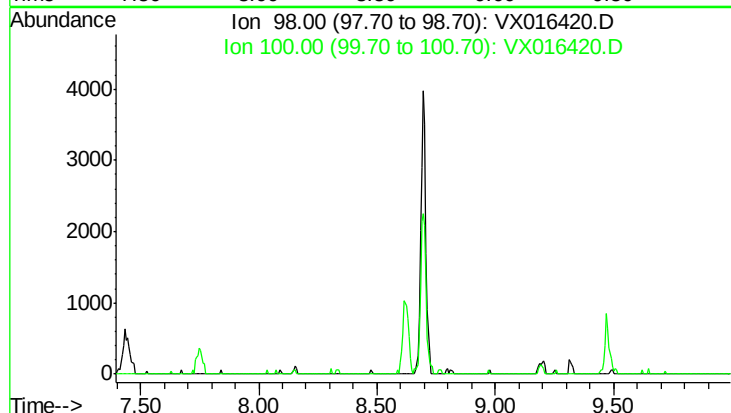
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 65.7

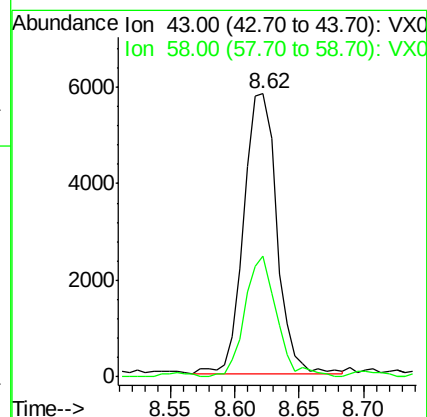
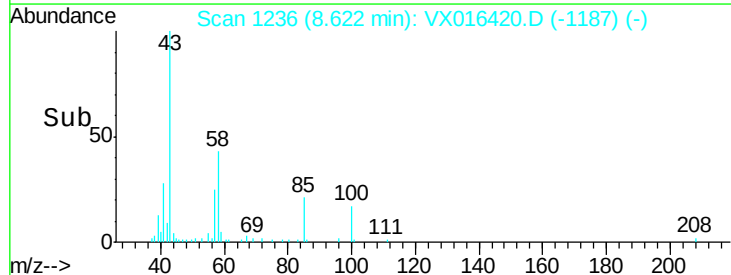
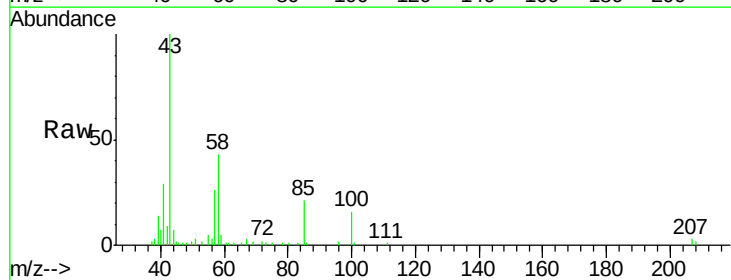
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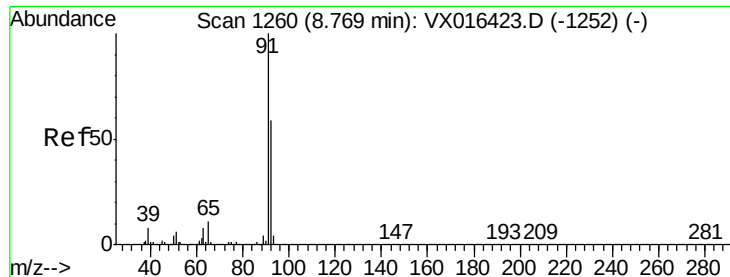
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 4.581 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion: 43 Resp: 10279
Ion Ratio Lower Upper
43 100
58 41.6 33.8 50.6





#52

Toluene

Concen: 0.942 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 3469

Ion Ratio Lower Upper

92 100

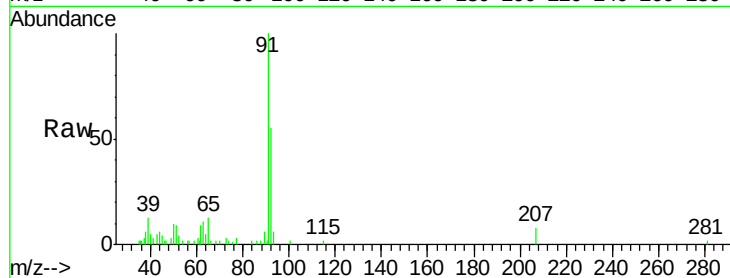
91 183.0 135.7 203.5

Manual Integrations

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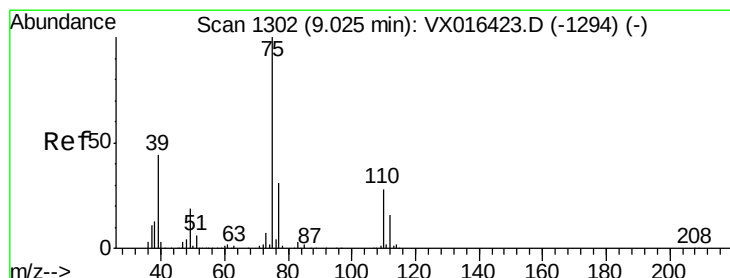
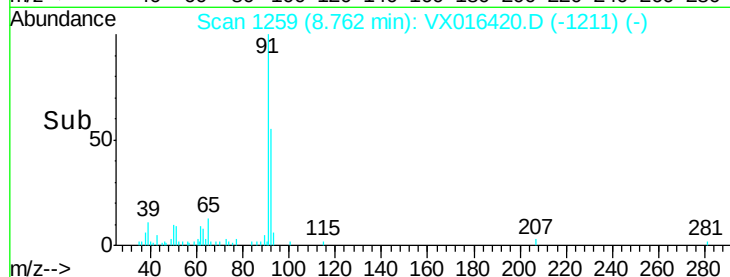
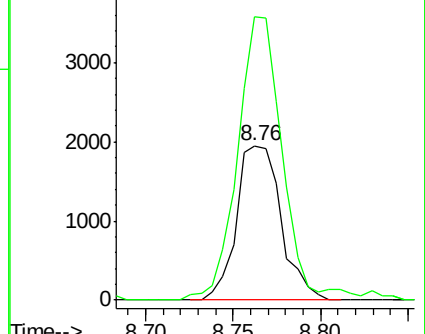
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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 1.026 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016420.D

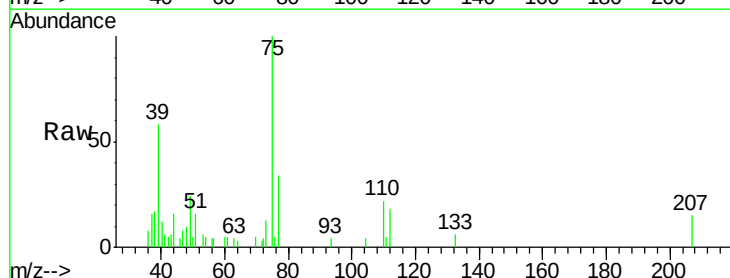
Acq: 26 May 2020 12:20

Tgt Ion: 75 Resp: 2515

Ion Ratio Lower Upper

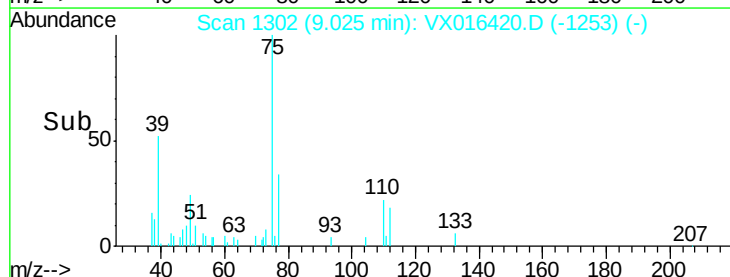
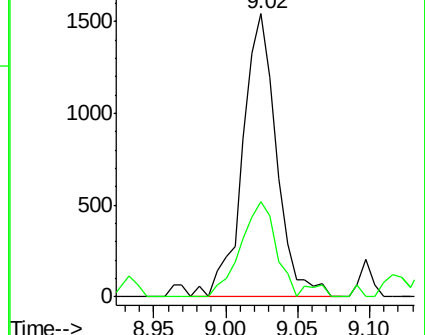
75 100

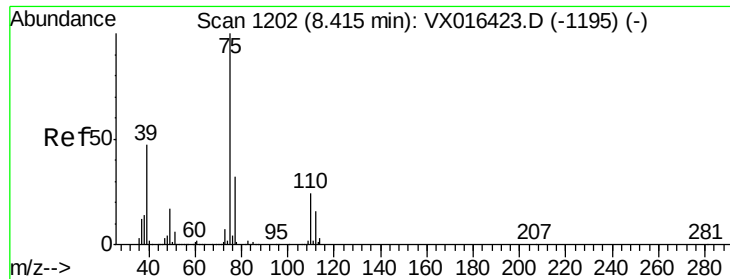
77 33.7 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.961 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

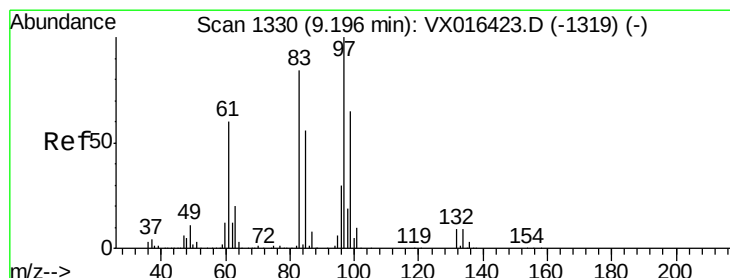
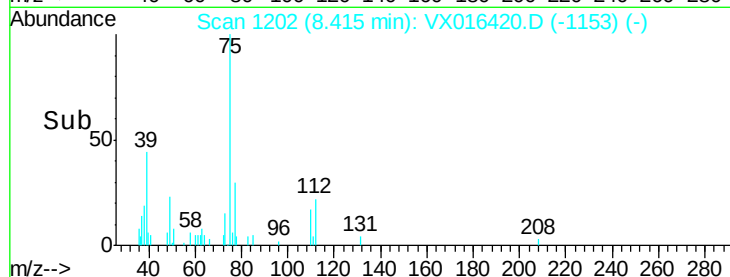
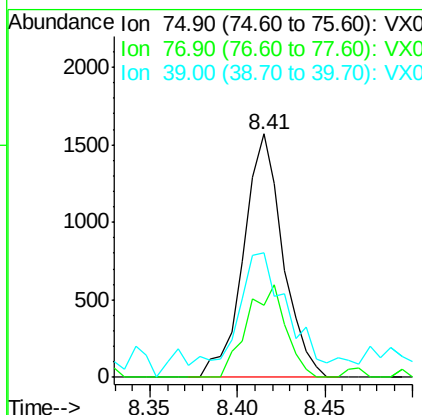
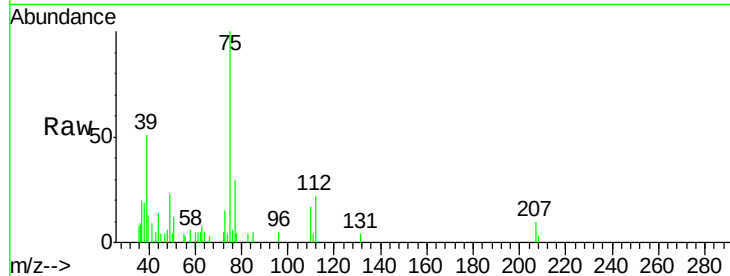
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2450
Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.0
39	46.3	37.7	56.5

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 1.119 ug/l

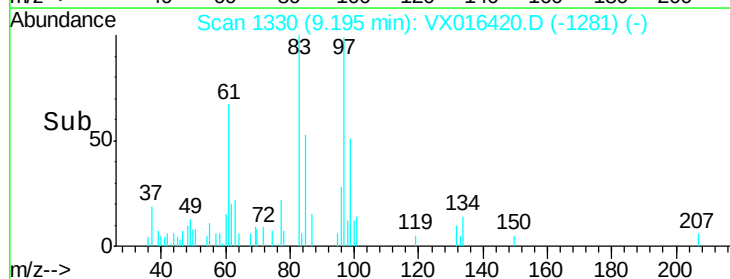
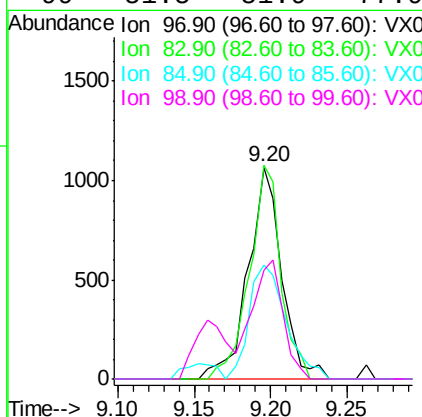
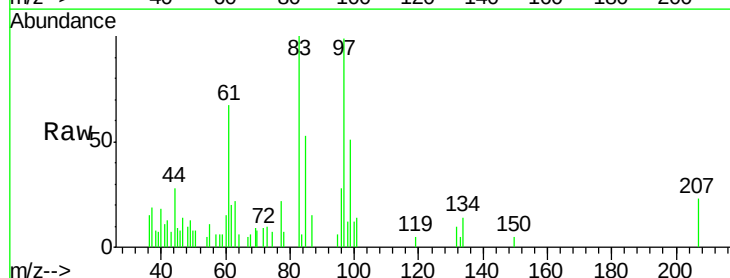
RT: 9.20 min Scan# 1330

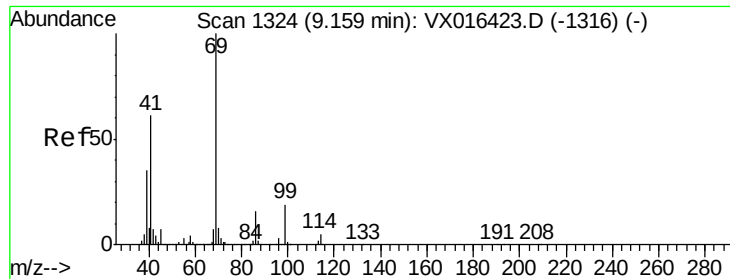
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	97	Resp:	1628
Ion	Ratio	Lower	Upper
97	100		
83	101.0	66.9	100.3#
85	53.9	45.2	67.8
99	51.5	51.9	77.9#





#56

Ethyl methacrylate

Concen: 0.931 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

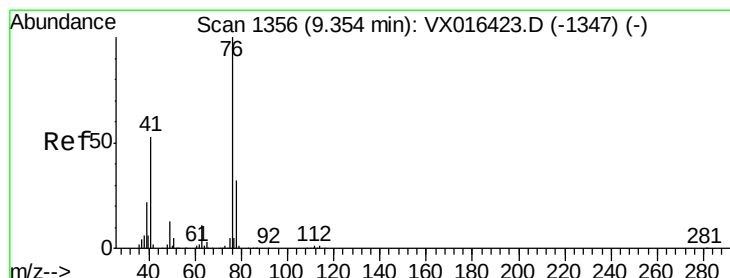
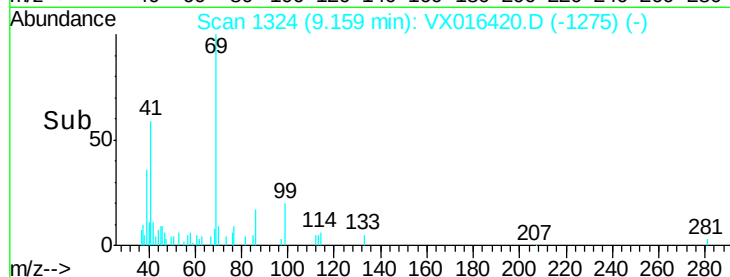
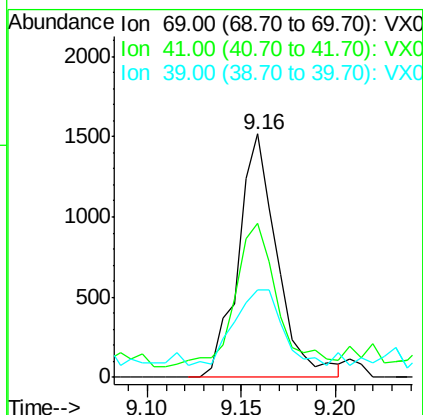
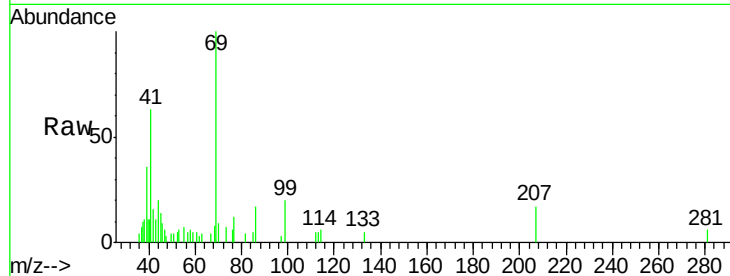
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2176
Ion	Ratio	Lower	Upper
69	100		
41	72.7	47.9	71.9#
39	43.5	28.7	43.1#

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5/27/2020 12:27:03 PM



#57

1,3-Dichloropropane

Concen: 1.069 ug/l

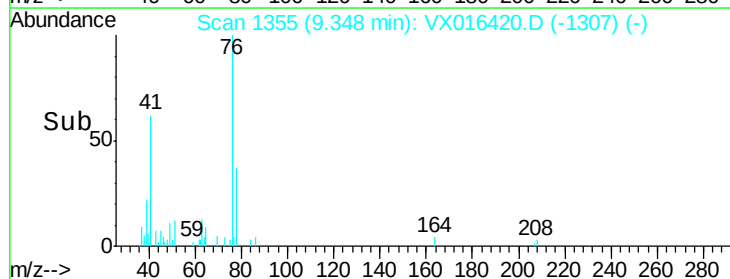
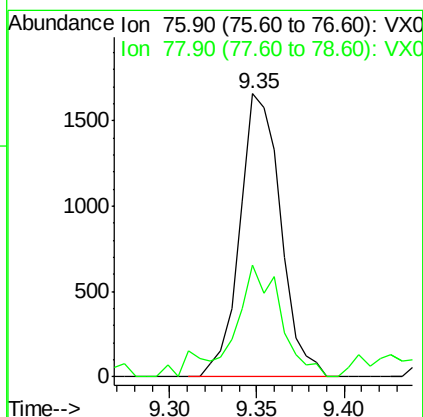
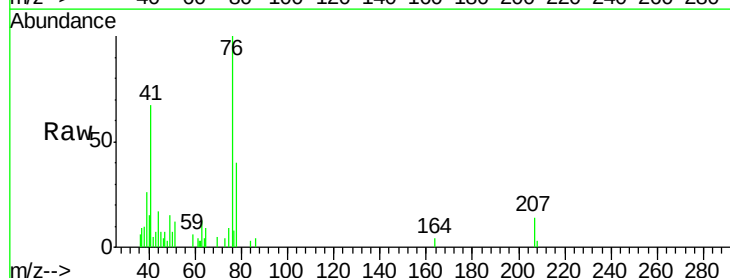
RT: 9.35 min Scan# 1355

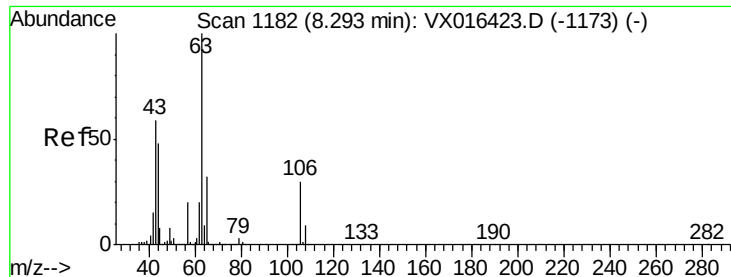
Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	76	Resp:	2693
Ion	Ratio	Lower	Upper
76	100		
78	46.8	26.1	39.1#





#58

2-Chloroethyl Vinyl ether

Concen: 4.619 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 5736

Ion Ratio Lower Upper

63 100

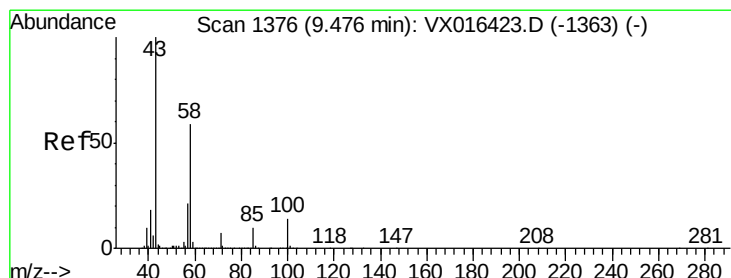
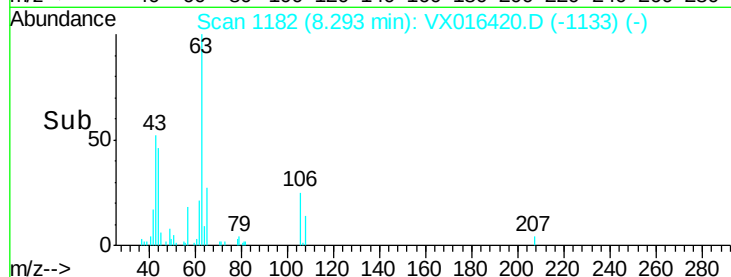
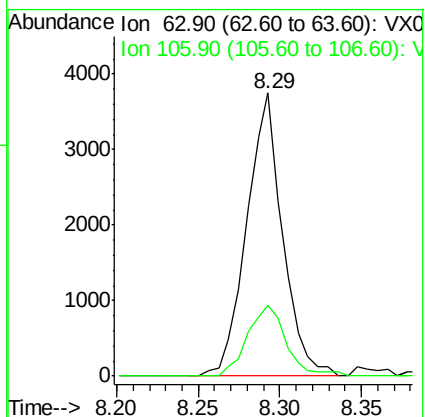
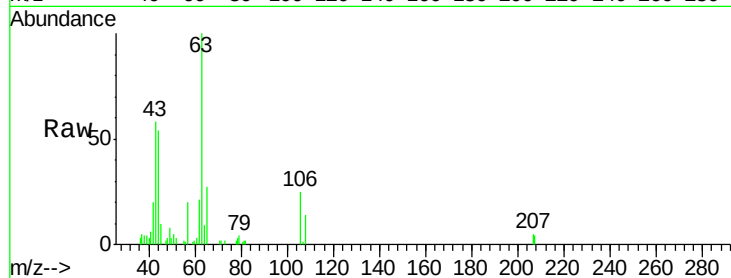
106 27.1 24.6 36.8

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5/27/2020 12:27:03 PM



#59

2-Hexanone

Concen: 4.451 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.01 min

Lab File: VX016420.D

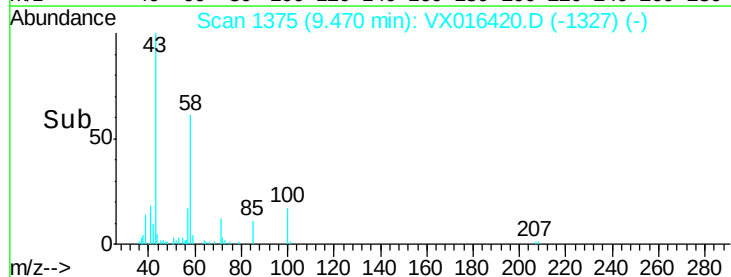
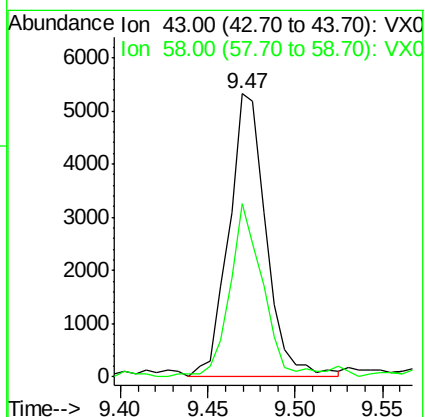
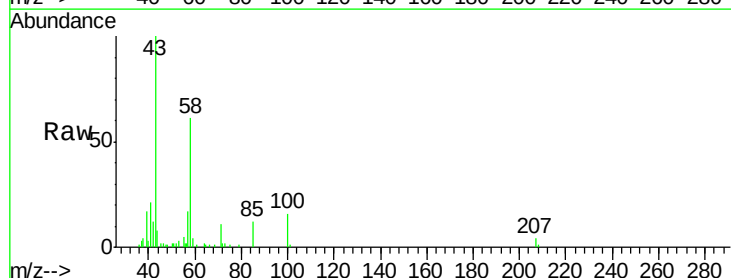
Acq: 26 May 2020 12:20

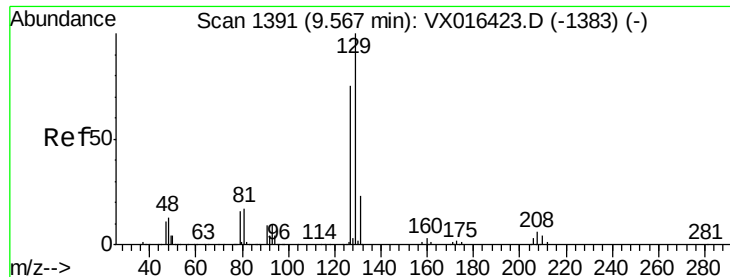
Tgt Ion: 43 Resp: 7850

Ion Ratio Lower Upper

43 100

58 54.9 29.1 87.3





#60

Dibromochloromethane

Concen: 1.032 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 1663

Ion Ratio Lower Upper

129 100

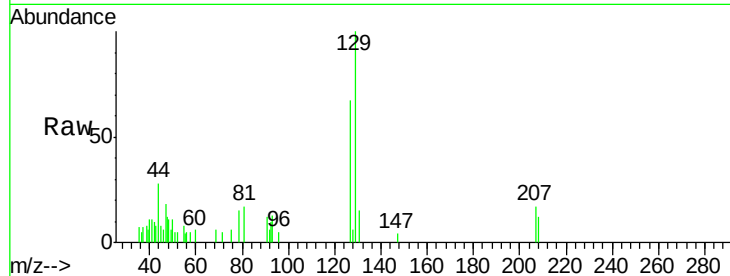
127 73.0 38.6 115.8

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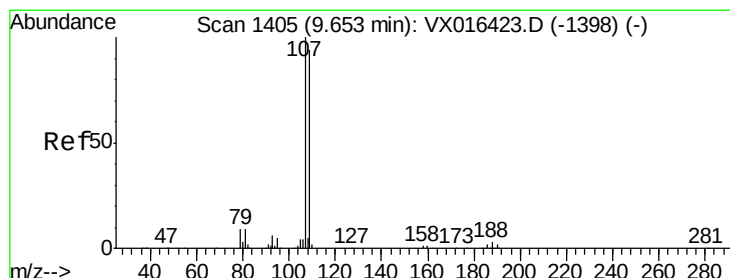
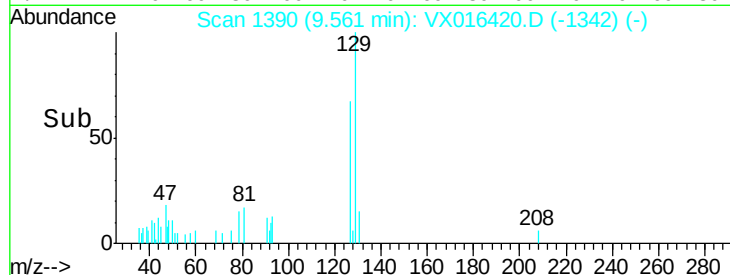
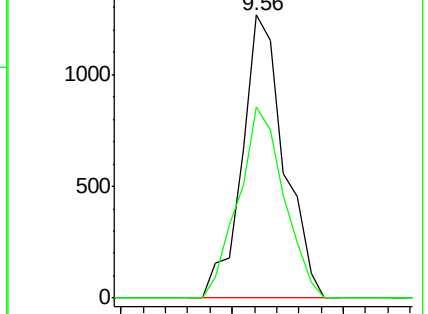
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.943 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016420.D

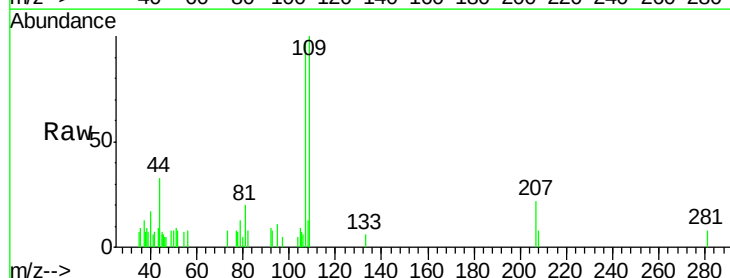
Acq: 26 May 2020 12:20

Tgt Ion:107 Resp: 1489

Ion Ratio Lower Upper

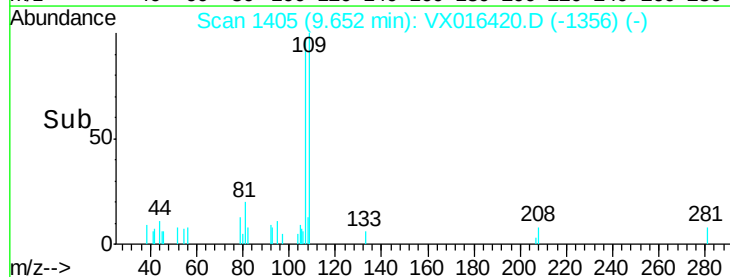
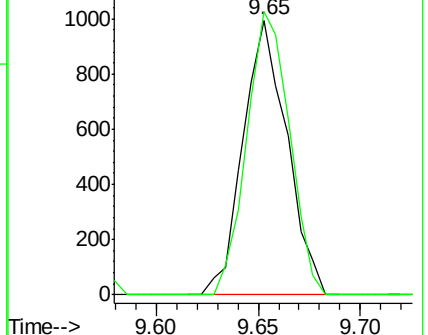
107 100

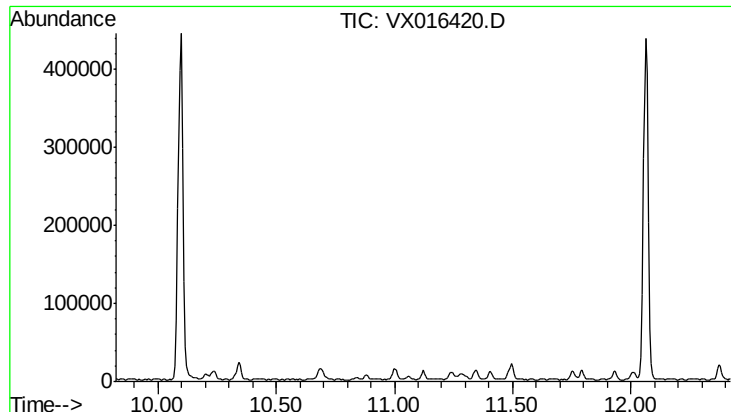
109 100.5 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tot Ion	95
Sig	Exp Ratio
95	100
174	81.3
176	79.1

Instrument :

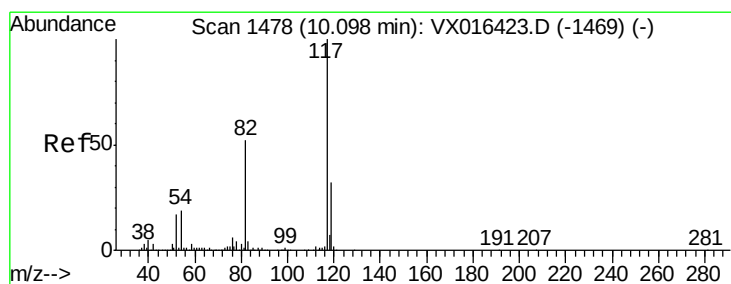
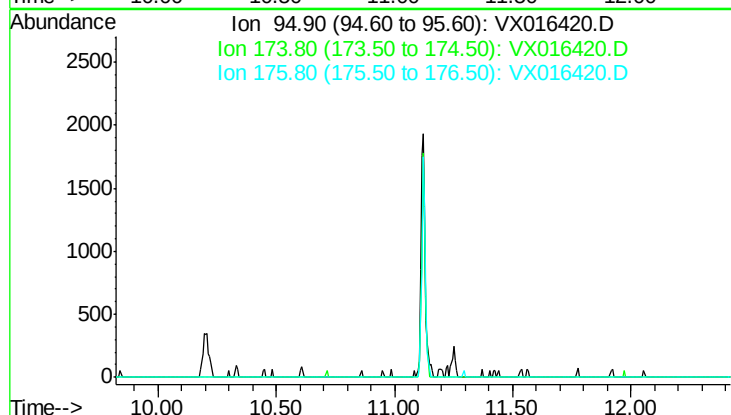
MSVOA_X

ClientSampleId :

VSTDIC001

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5/27/2020 12:27:03 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

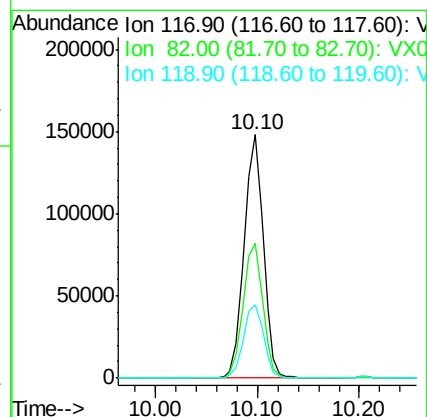
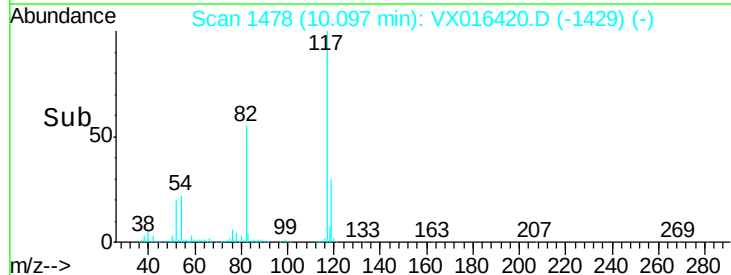
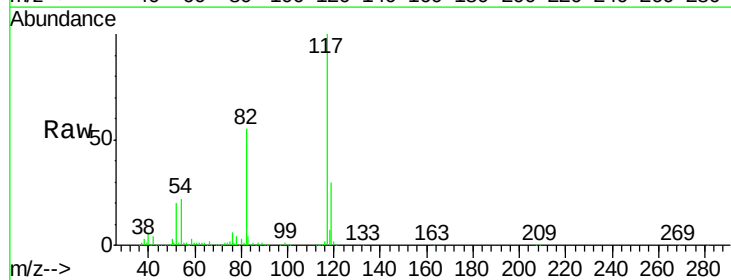
RT: 10.10 min Scan# 1478

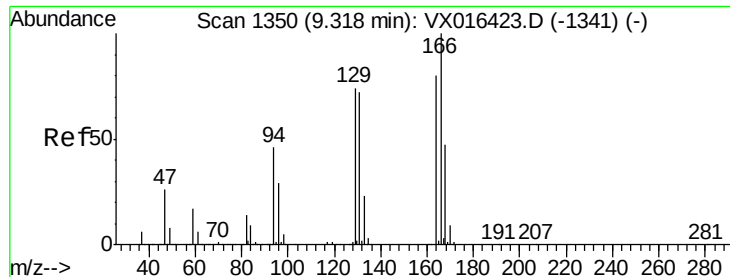
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion	117	Resp:	192341
Ion Ratio	Lower	Upper	
117	100		
82	55.1	41.8	62.6
119	30.2	25.7	38.5





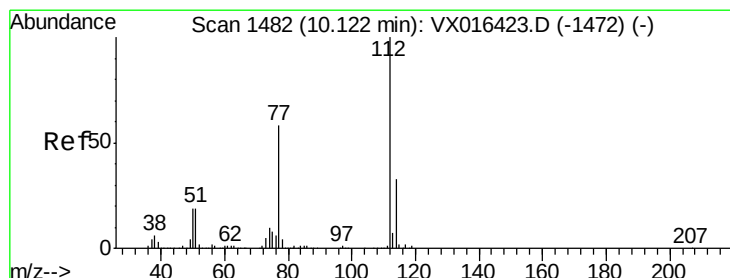
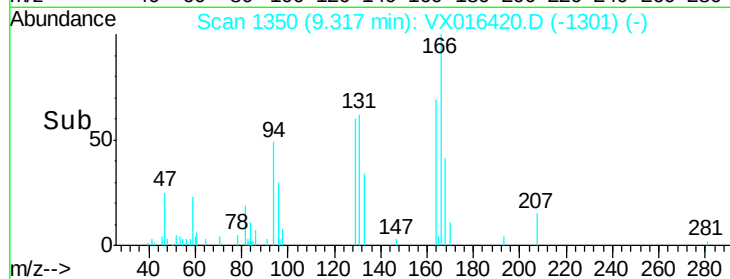
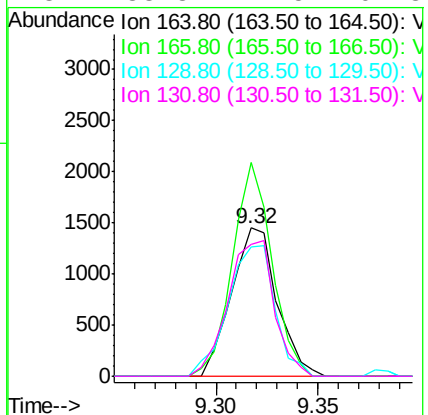
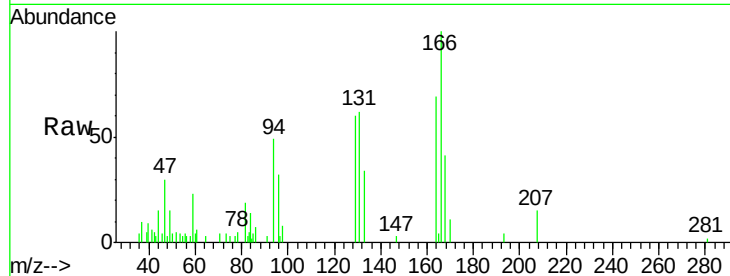
#64
Tetrachloroethene
Concen: 0.964 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	144.2	99.5	149.3
129	87.1	73.4	110.0
131	88.8	71.5	107.3

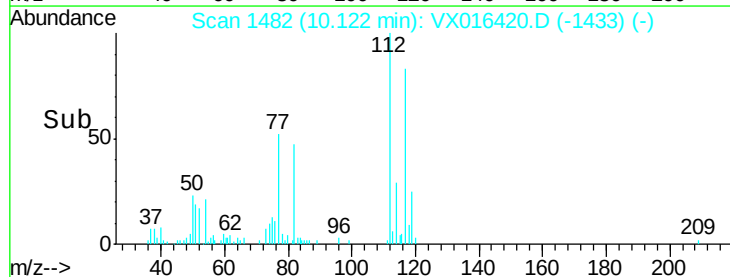
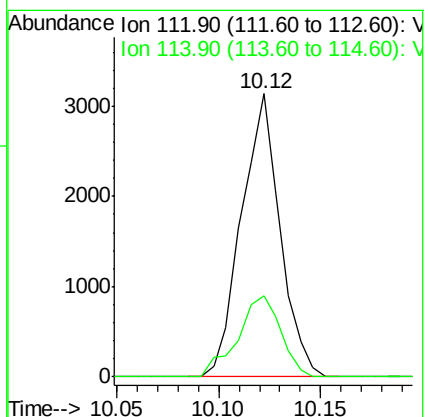
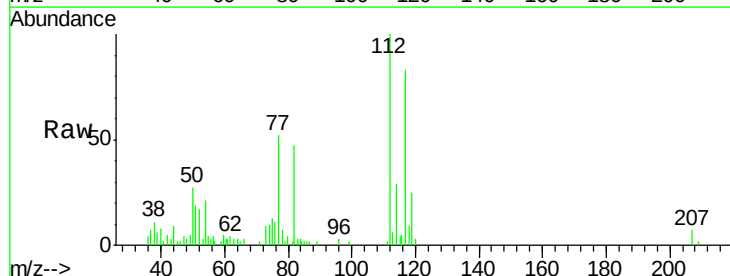
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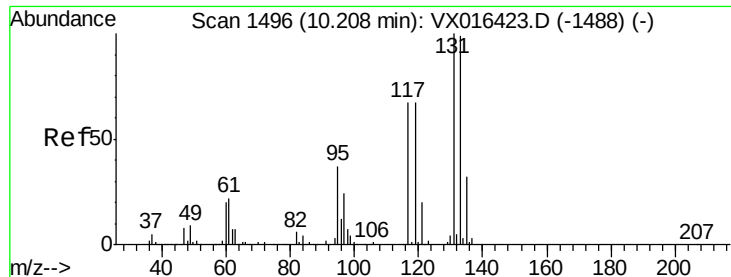
MMDadoda
5/27/2020 12:27:03 PM



#65
Chlorobenzene
Concen: 1.026 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
112	100		
114	28.7	26.6	40.0





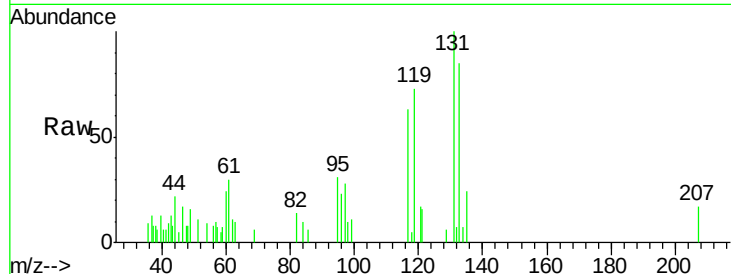
#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.906 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. -0.01 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	110.0	48.0	144.2
119	0.0	33.0	98.9#

Manual Integrations
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MMDadoda
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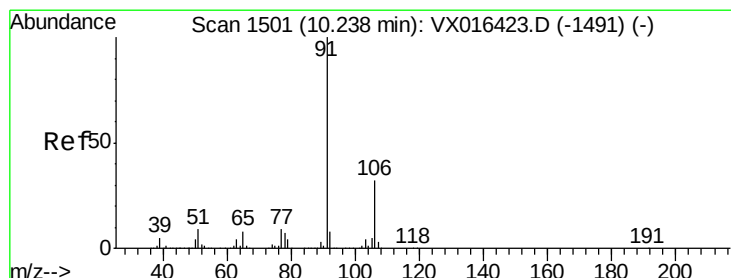
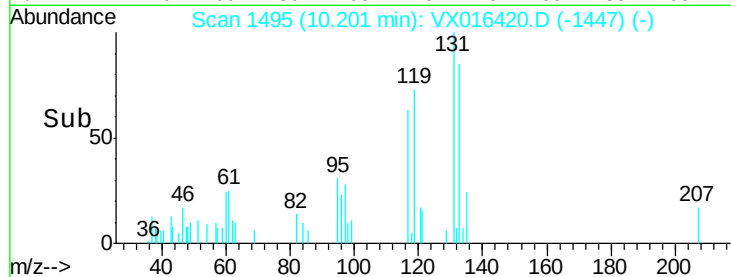
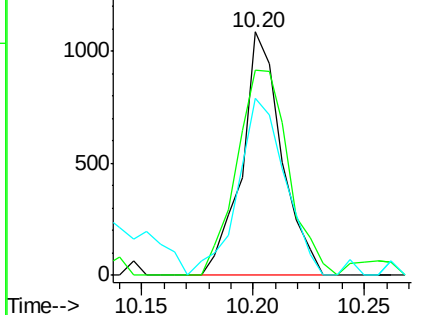


Abundance

Ion 130.80 (130.50 to 131.50): V

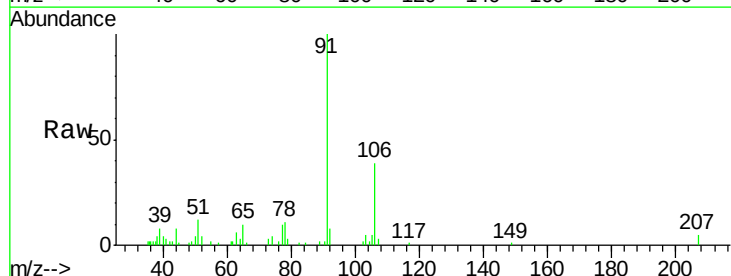
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67
 Ethyl Benzene
 Concen: 0.929 ug/l
 RT: 10.24 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

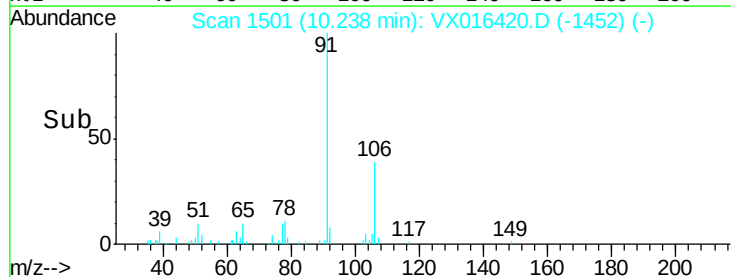
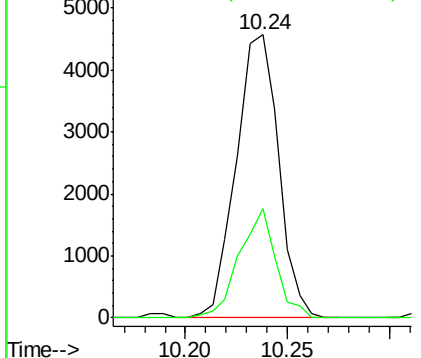
Tgt Ion	Ratio	Lower	Upper
91	100		
106	38.6	25.8	38.8

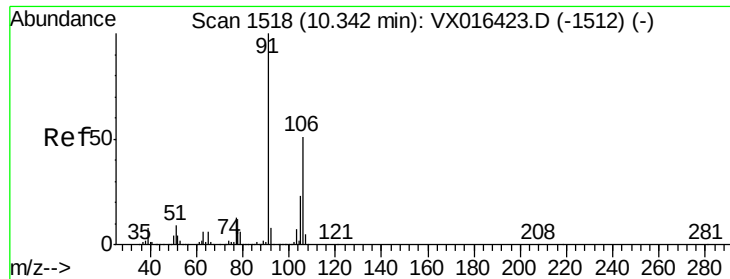


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





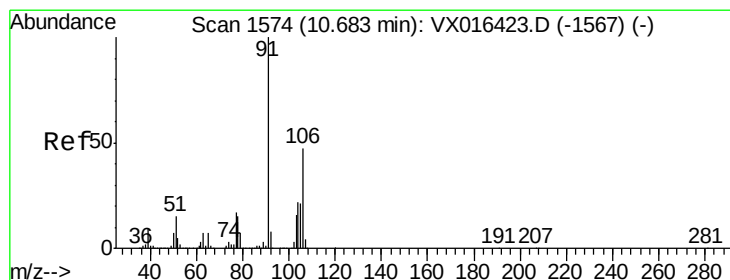
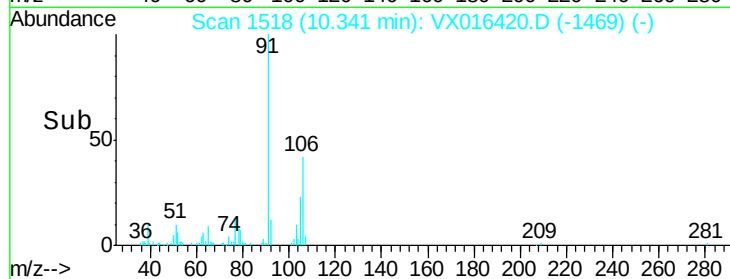
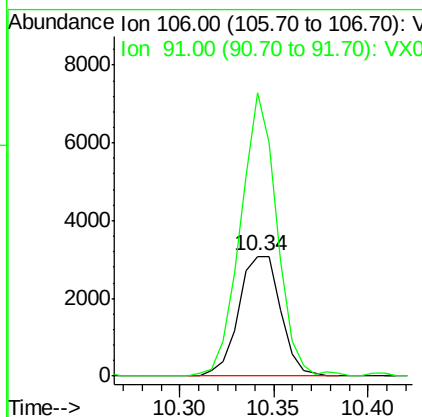
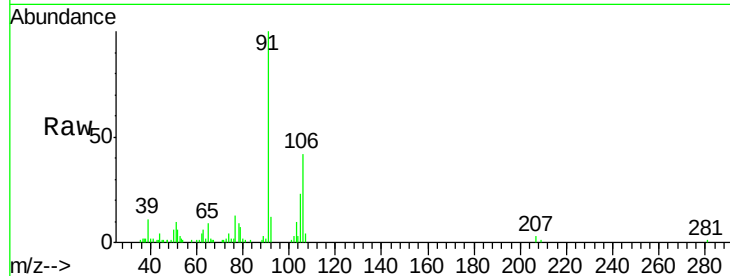
#68
m/p-Xylenes
Concen: 1.784 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	203.9	158.2	237.4

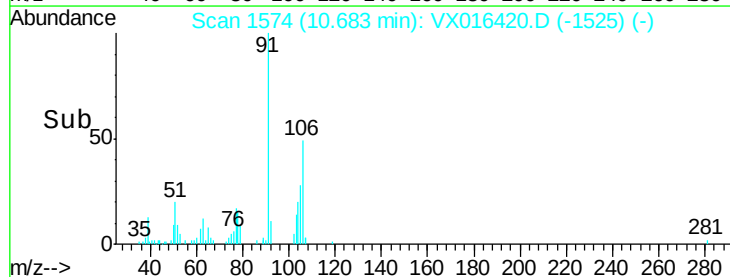
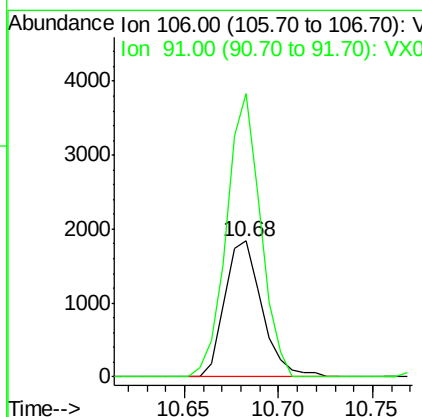
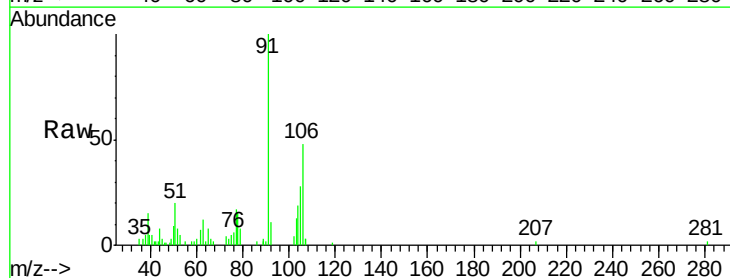
Manual Integrations
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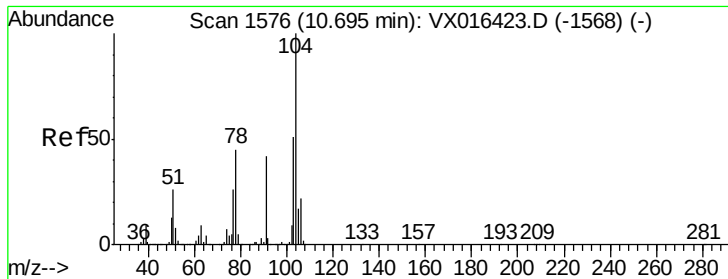
MMDadoda
5/27/2020 12:27:03 PM



#69
o-Xylene
Concen: 0.974 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	190.6	104.0	312.0





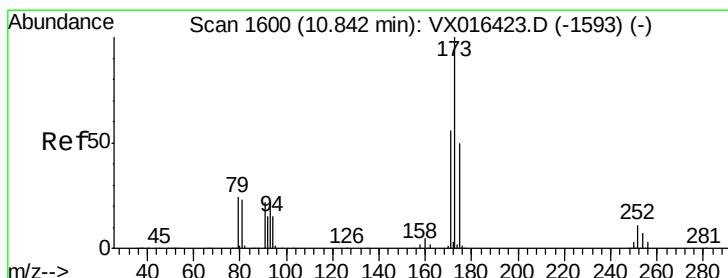
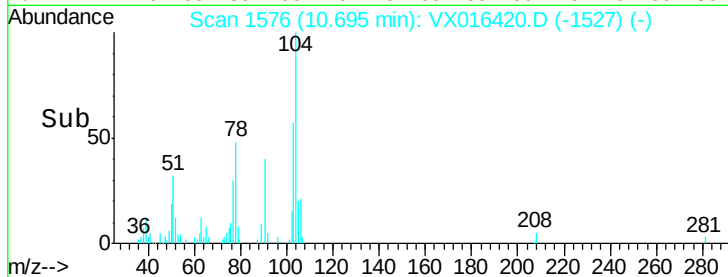
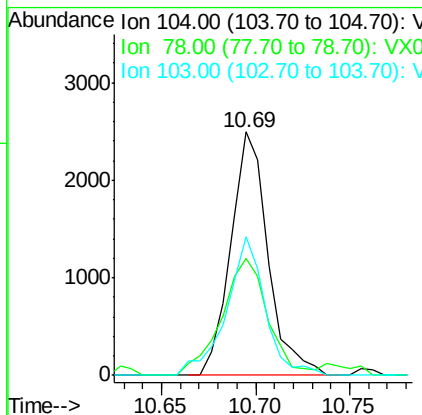
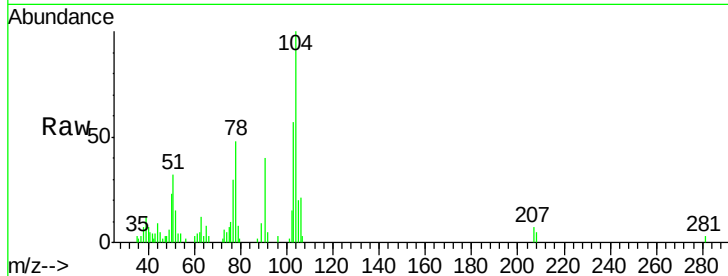
#70
Stvrene
Concen: 0.783 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	59.4	39.2	58.8#
103	59.0	43.8	65.6

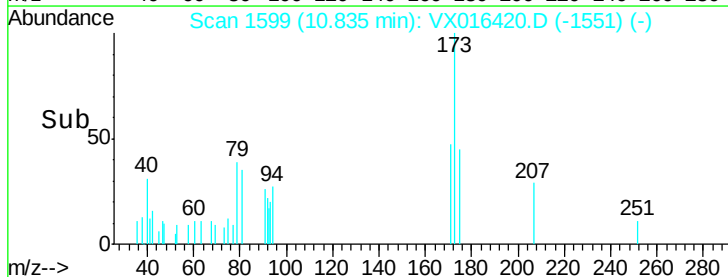
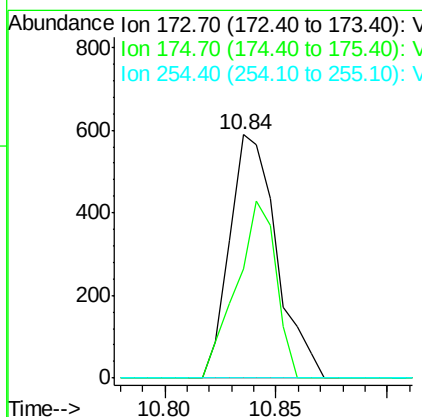
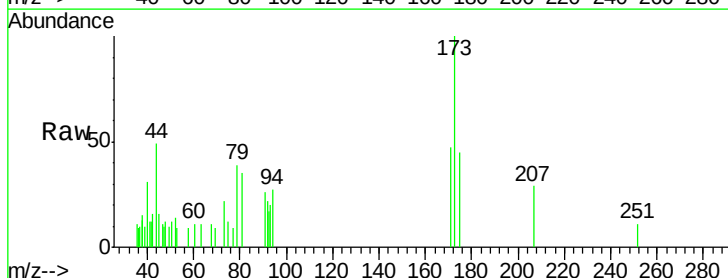
Manual Integrations
APPROVED

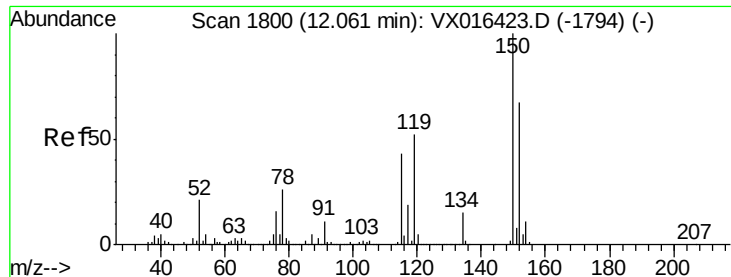
MMDadoda
5/27/2020 12:27:03 PM



#71
Bromoform
Concen: 0.712 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
173	100		
175	61.5	24.5	73.5
254	0.0	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 86206

Ion Ratio Lower Upper

152 100

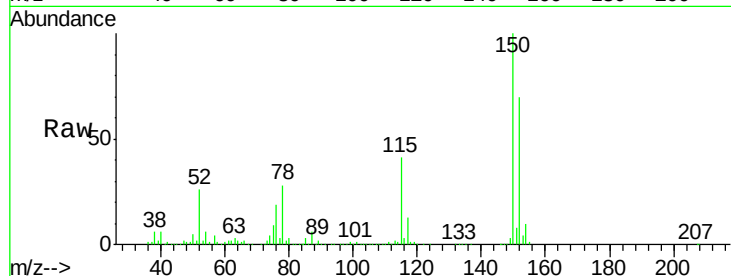
115 60.1 40.4 121.2

150 154.1 0.0 345.8

Manual Integrations
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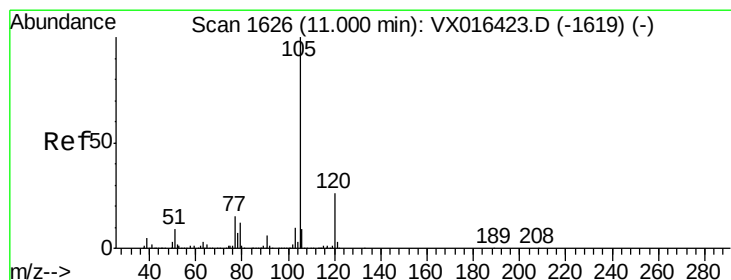
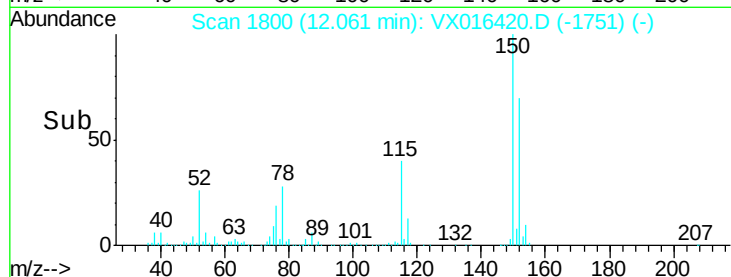
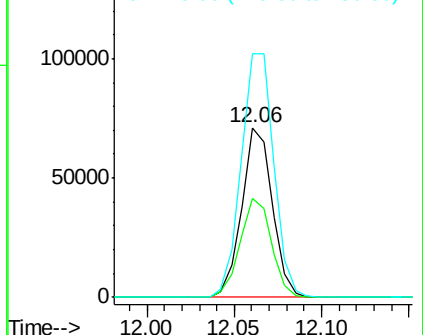
5/27/2020 12:27:03 PM



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: 1.018 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016420.D

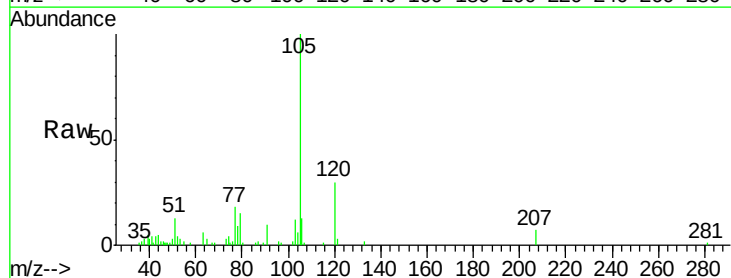
Acq: 26 May 2020 12:20

Tgt Ion:105 Resp: 6329

Ion Ratio Lower Upper

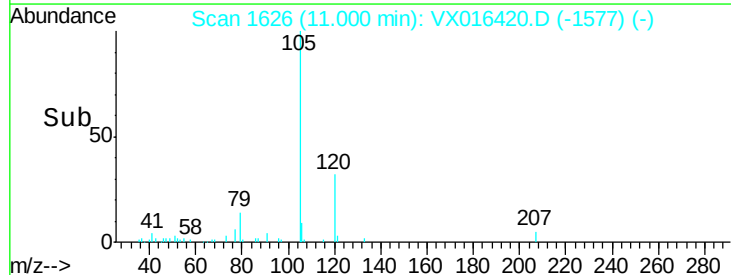
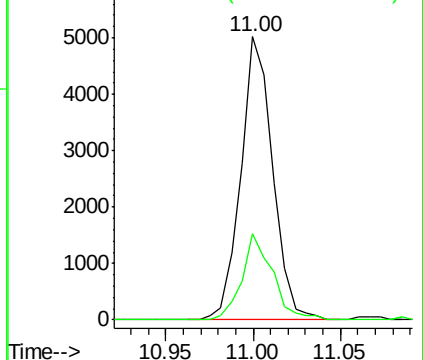
105 100

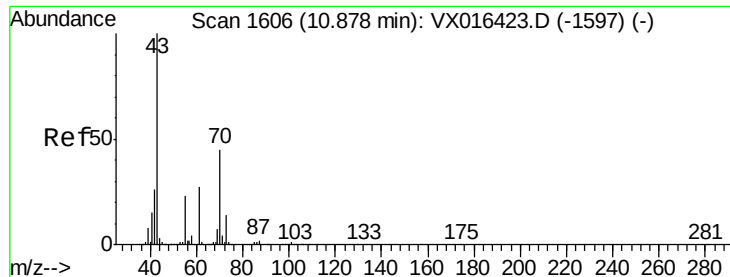
120 29.3 13.7 41.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.037 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

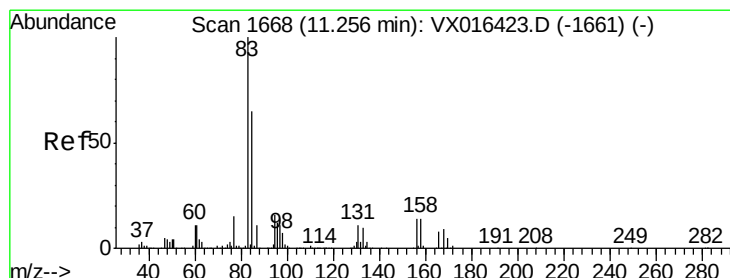
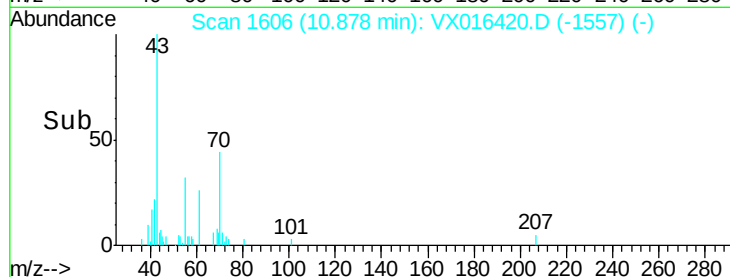
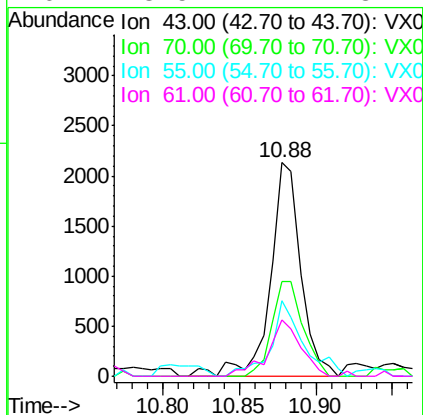
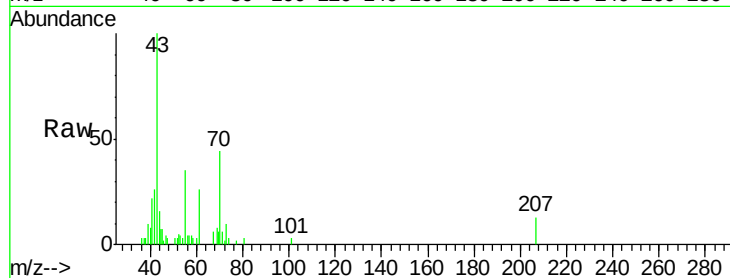
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	2956
Ion	Ratio	Lower	Upper
43	100		
70	45.6	38.0	57.0
55	37.4	20.0	30.0
61	28.5	21.4	32.2

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5/27/2020 12:27:03 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 1.164 ug/l

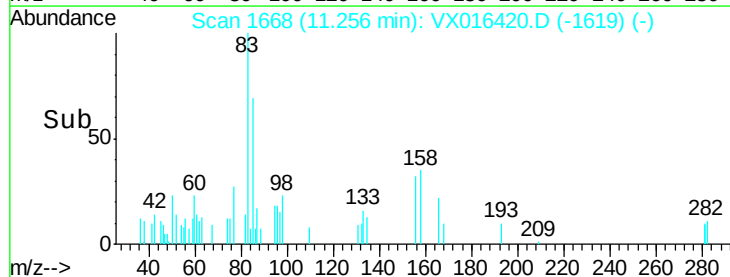
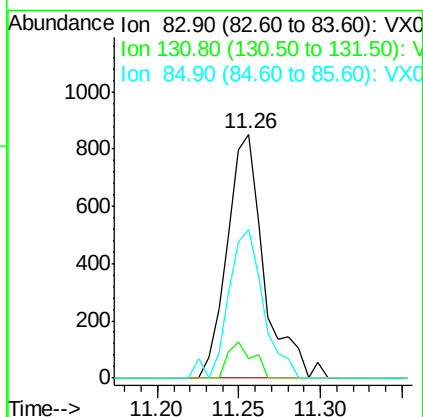
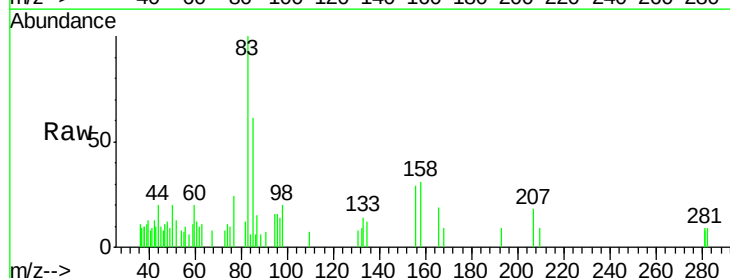
RT: 11.26 min Scan# 1668

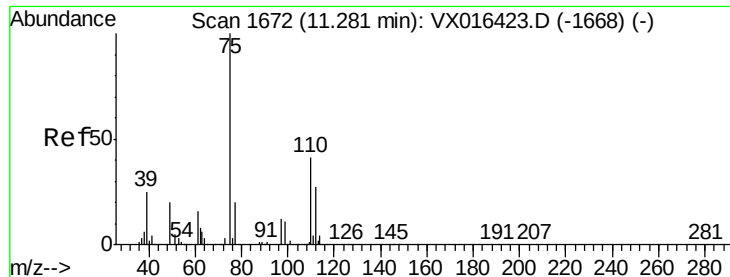
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	83	Resp:	1330
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.4	16.2
85	58.0	32.6	97.7





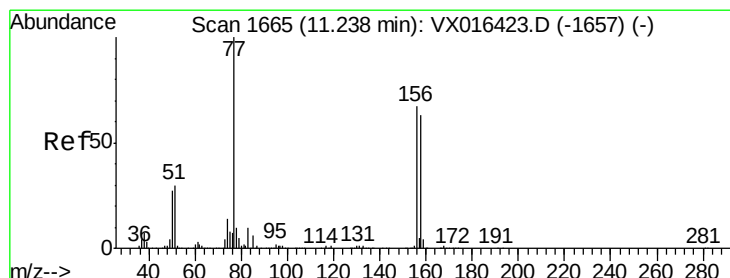
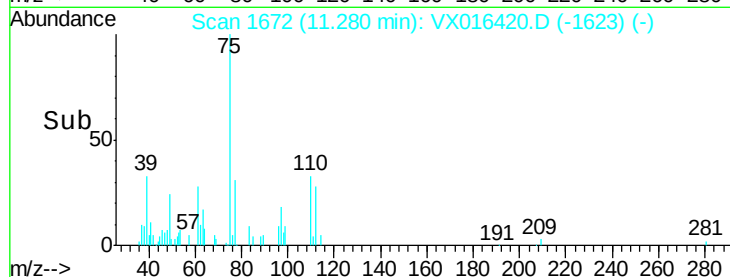
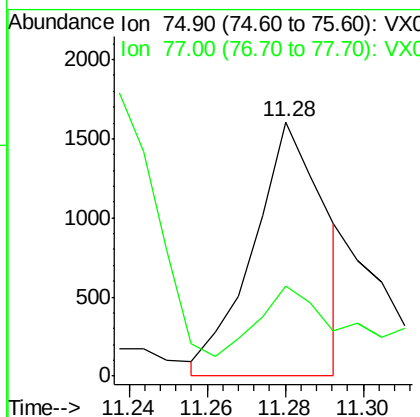
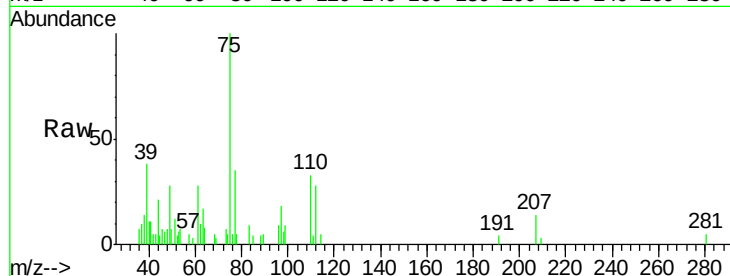
#76
1,2,3-Trichloropropane
Concen: 1.069 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	55.6	21.4	64.3

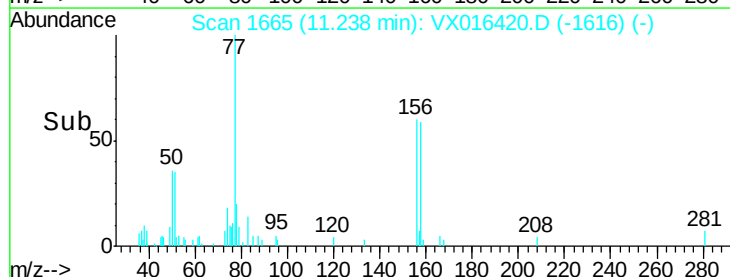
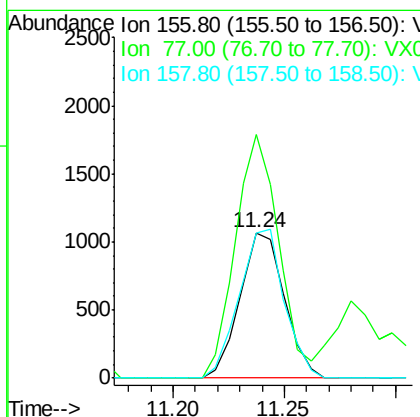
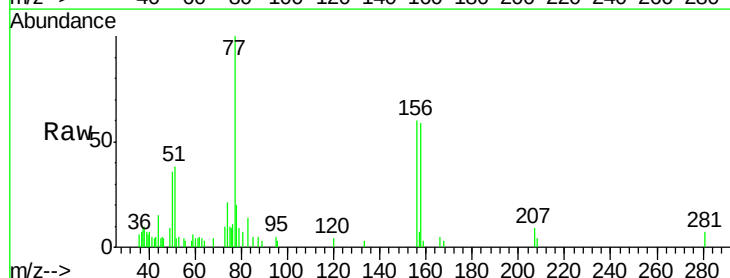
Manual Integrations
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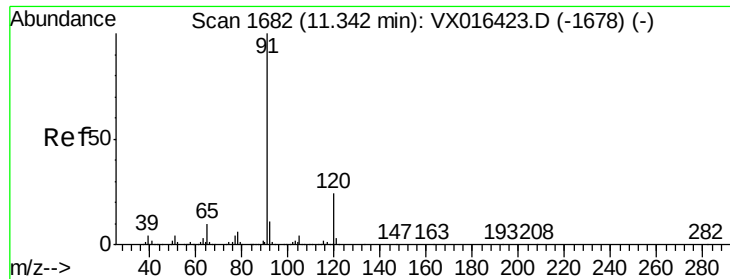
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#77
Bromobenzene
Concen: 0.921 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
156	100		
77	163.0	74.6	223.8
158	103.4	48.7	146.1





#78

n-propylbenzene

Concen: 0.980 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 7071

Ion Ratio Lower Upper

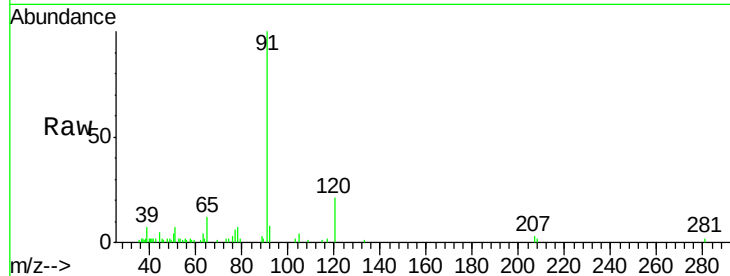
91 100

120 22.2 12.1 36.3

Manual Integrations
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5/27/2020 12:27:03 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

6000

5000

4000

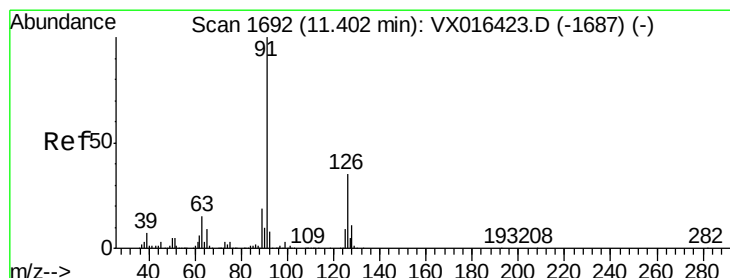
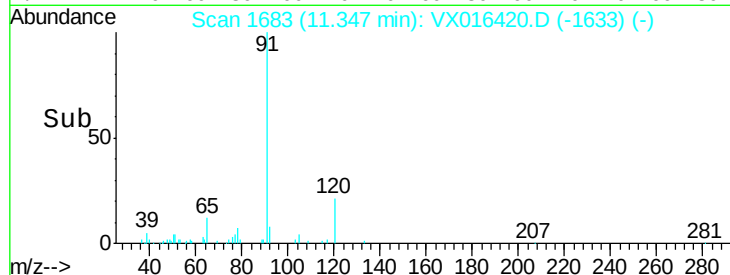
3000

2000

1000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.954 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016420.D

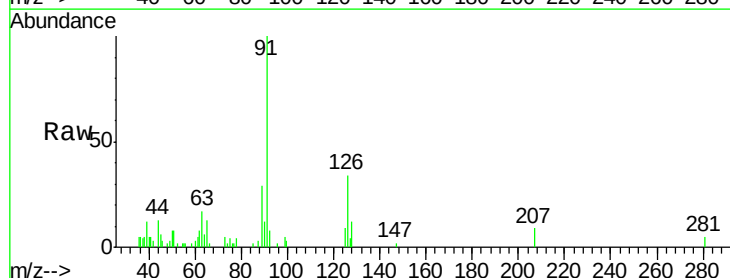
Acq: 26 May 2020 12:20

Tgt Ion: 91 Resp: 4073

Ion Ratio Lower Upper

91 100

126 35.5 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.40

6000

5000

4000

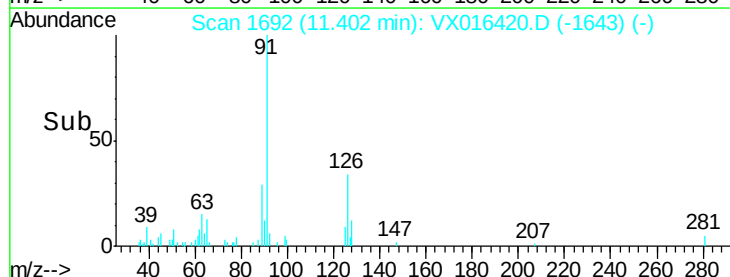
3000

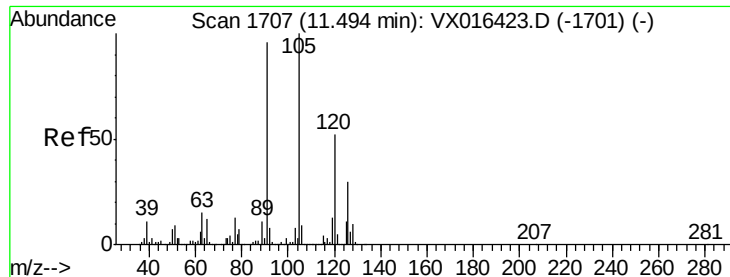
2000

1000

0

Time-->





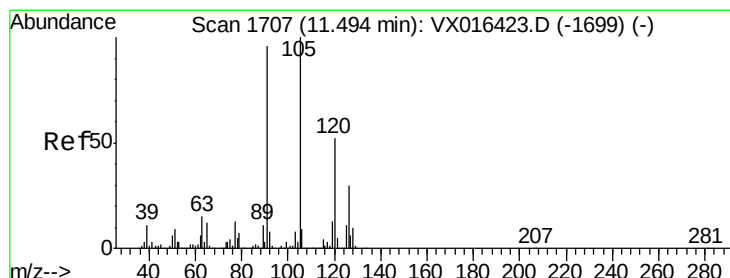
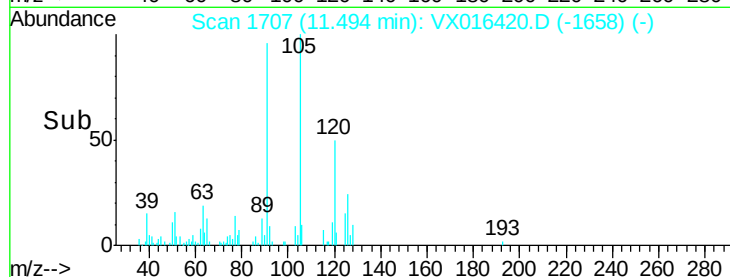
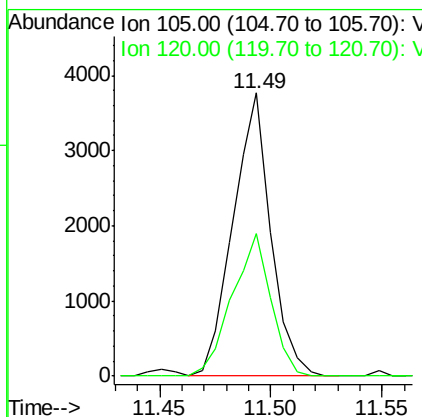
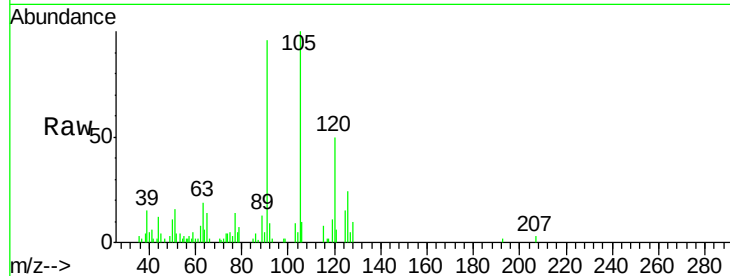
#80
 1,3,5-Trimethylbenzene
 Concen: 0.845 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	51.8	25.0	75.0

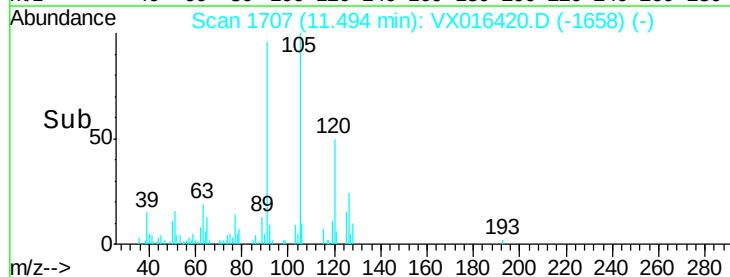
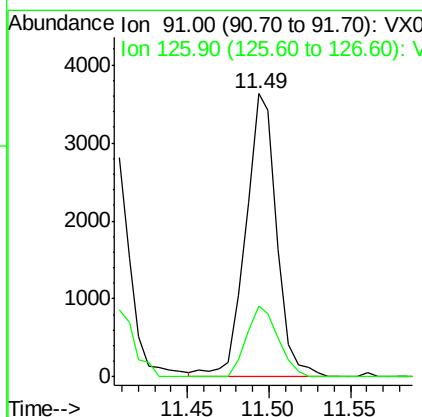
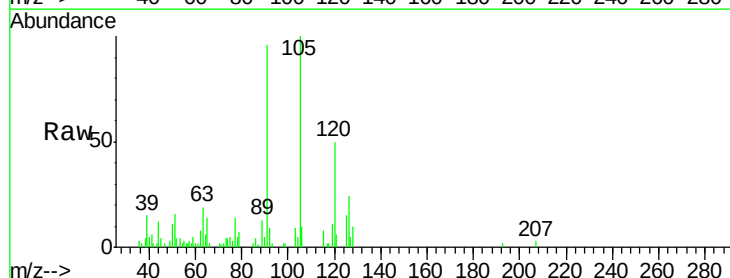
Manual Integrations
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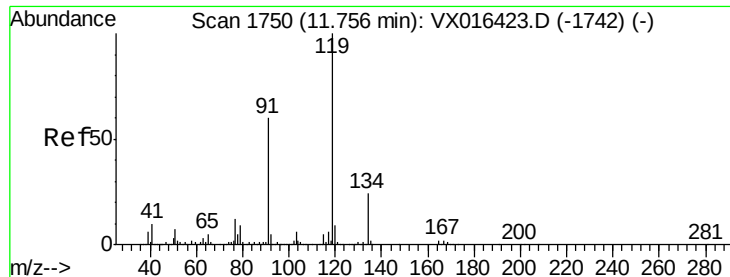
MMDadoda
 5/27/2020 12:27:03 PM



#82
 4-Chlorotoluene
 Concen: 0.956 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	25.4	15.7	47.0





#83

tert-Butylbenzene

Concen: 0.937 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

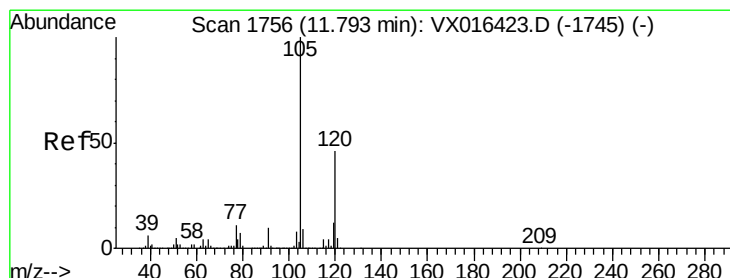
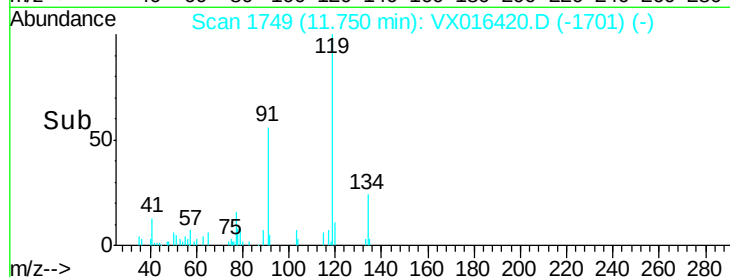
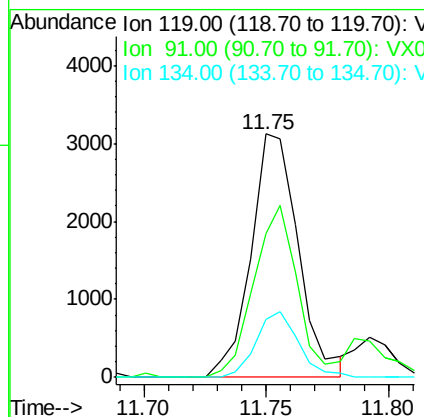
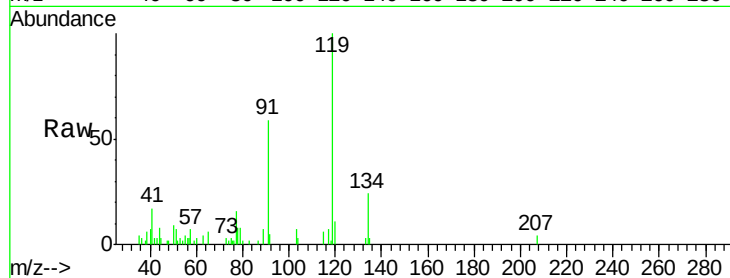
ClientSampleId :

VSTDIC001

Tot Ion:	119	Resp:	4235
Ion Ratio	Lower	Upper	
119	100		
91	64.1	30.8	92.3
134	24.2	12.3	36.9

Manual Integrations
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MMDadoda
5/27/2020 12:27:03 PM



#84

1,2,4-Trimethylbenzene

Concen: 0.859 ug/l

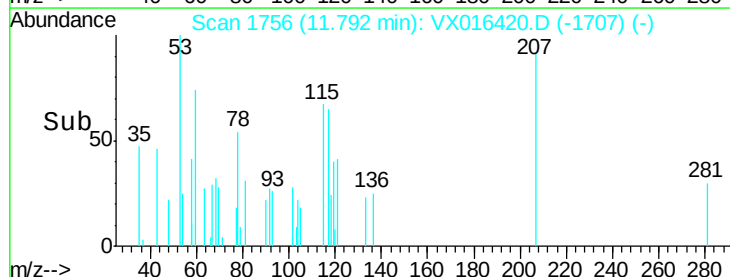
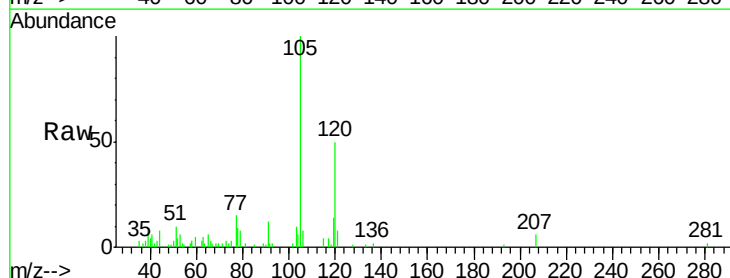
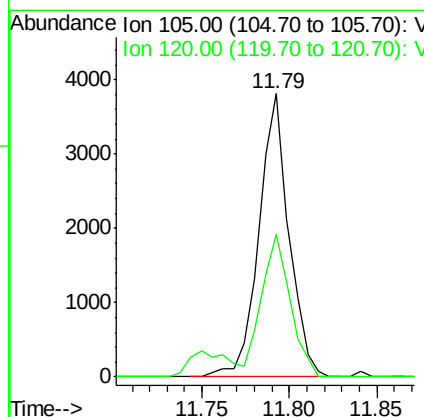
RT: 11.79 min Scan# 1756

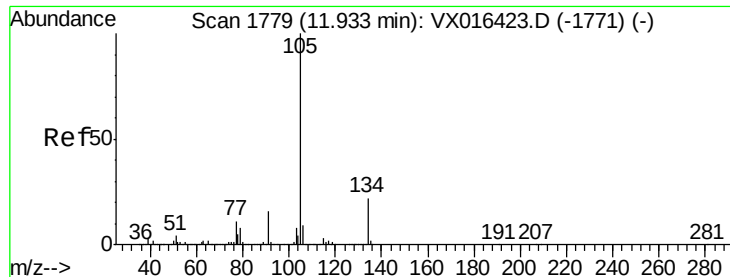
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	105	Resp:	4546
Ion Ratio	Lower	Upper	
105	100		
120	48.0	23.2	69.6





#85

sec-Butylbenzene

Concen: 0.906 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 5481

Ion Ratio Lower Upper

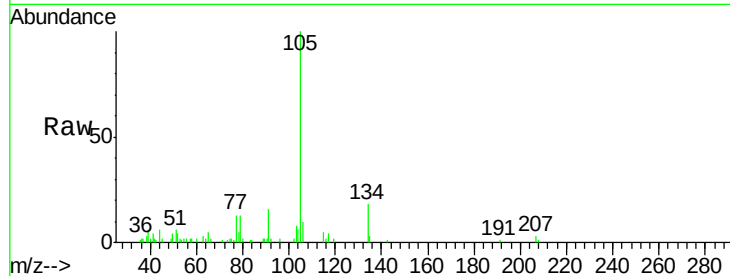
105 100

134 20.9 10.5 31.6

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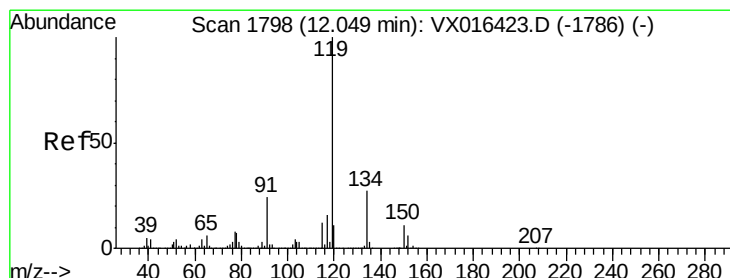
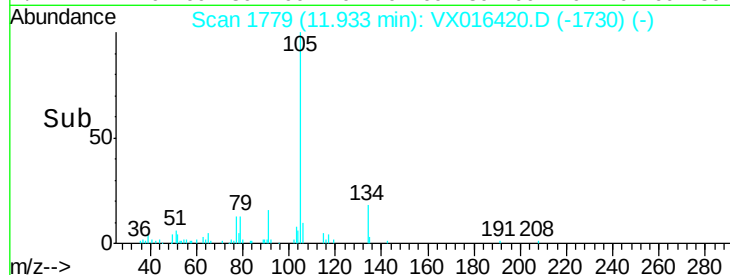
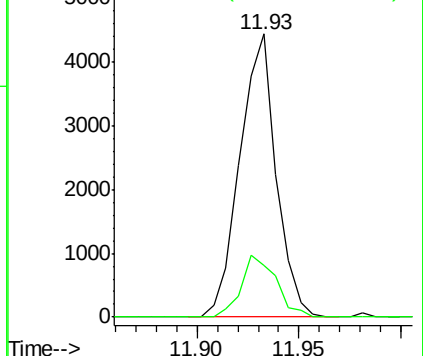
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.812 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

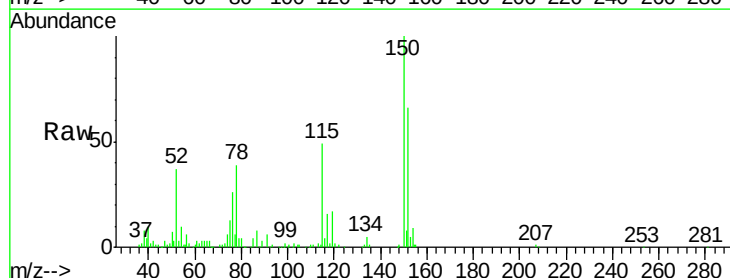
Tgt Ion:119 Resp: 4550

Ion Ratio Lower Upper

119 100

134 25.9 13.8 41.3

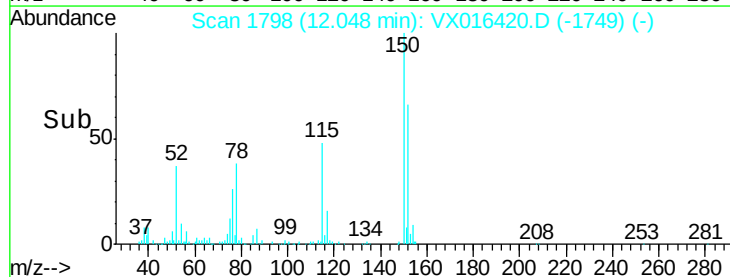
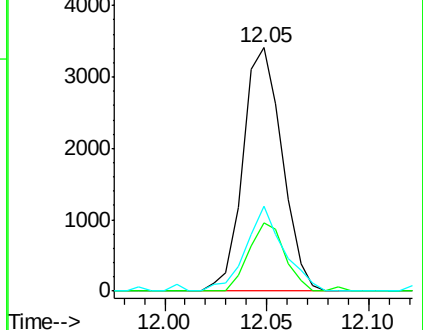
91 33.7 11.9 35.5

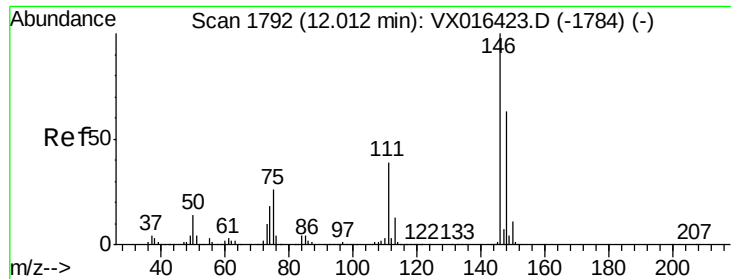


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.907 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

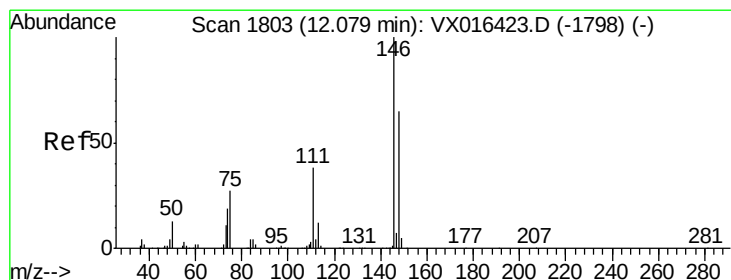
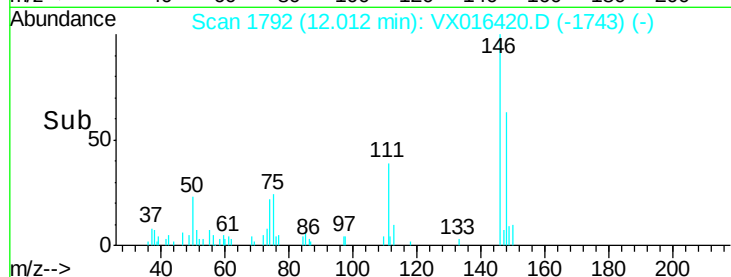
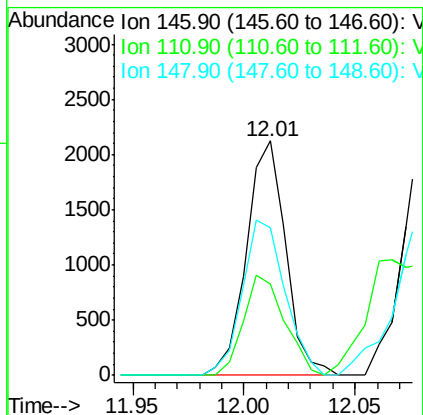
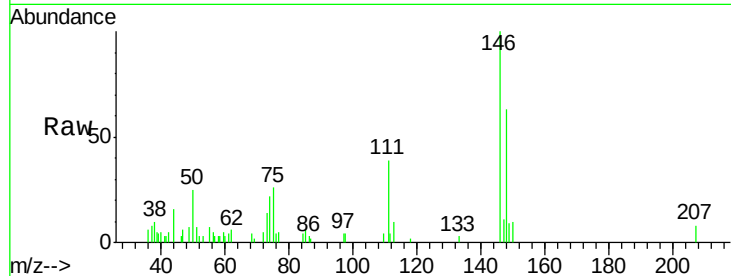
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	2619
Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.1	60.2
148	72.1	31.4	94.2

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#88

1,4-Dichlorobenzene

Concen: 1.026 ug/l m

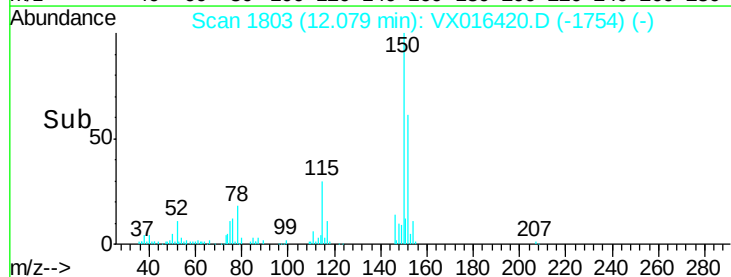
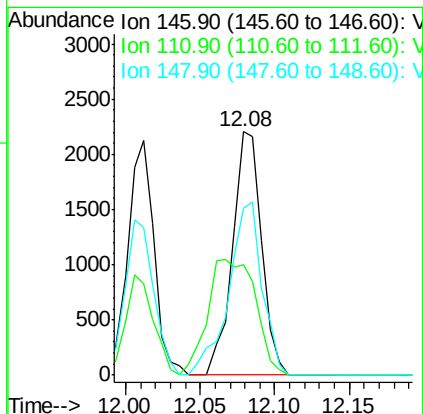
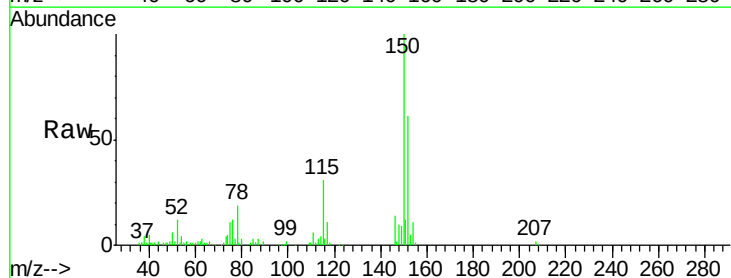
RT: 12.08 min Scan# 1803

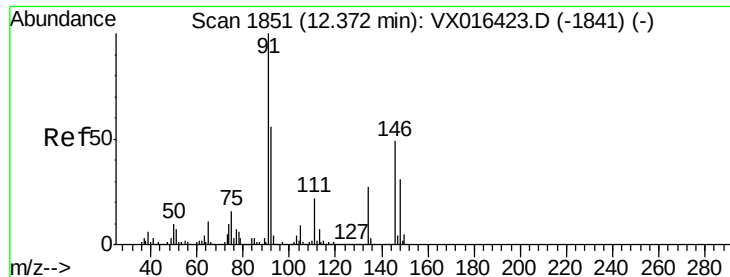
Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Tgt Ion:	146	Resp:	3008
Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.2	57.6
148	62.8	33.1	99.2





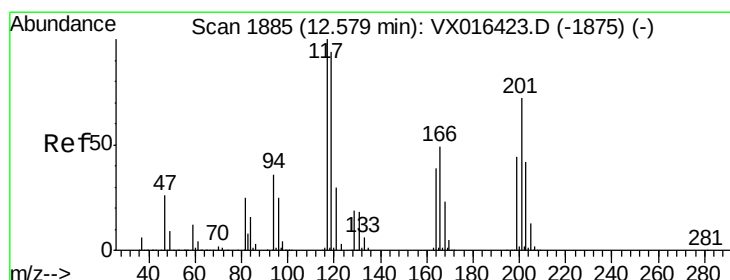
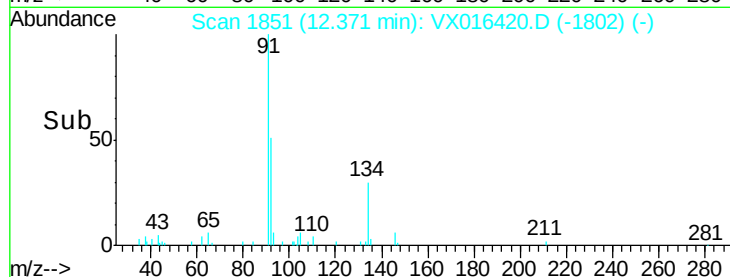
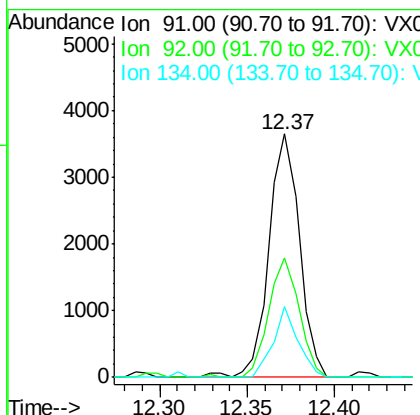
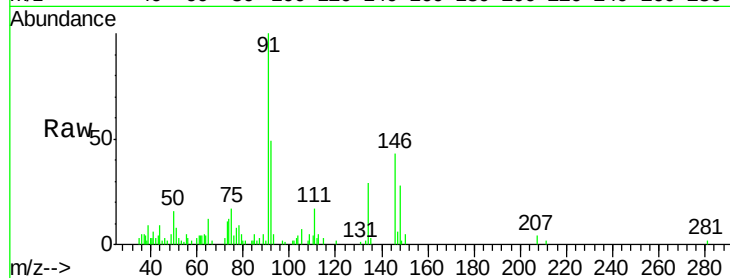
#89
n-Butylbenzene
Concen: 0.872 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.6	27.6	82.8
134	23.6	13.7	41.1

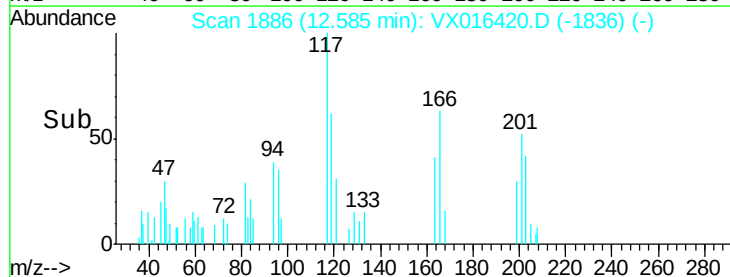
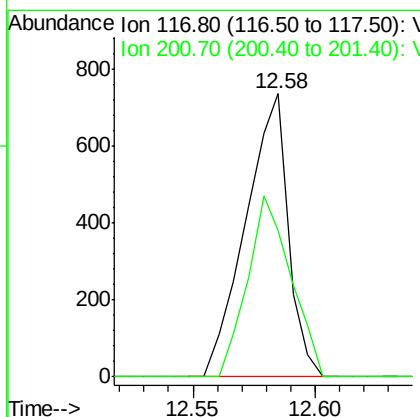
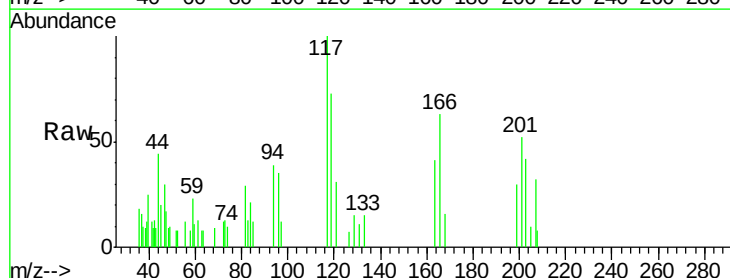
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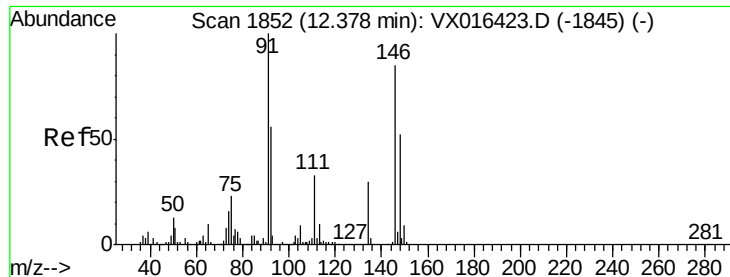
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5/27/2020 12:27:03 PM



#90
Hexachloroethane
Concen: 0.922 ug/l
RT: 12.58 min Scan# 1886
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.1	37.6	112.9





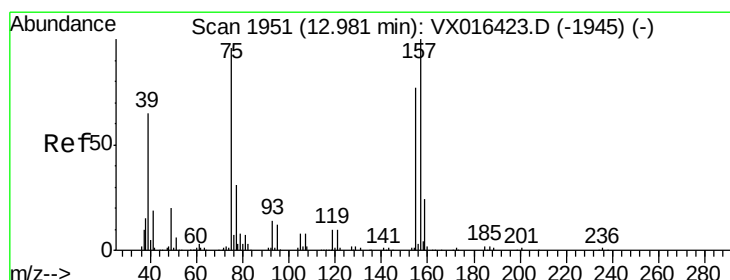
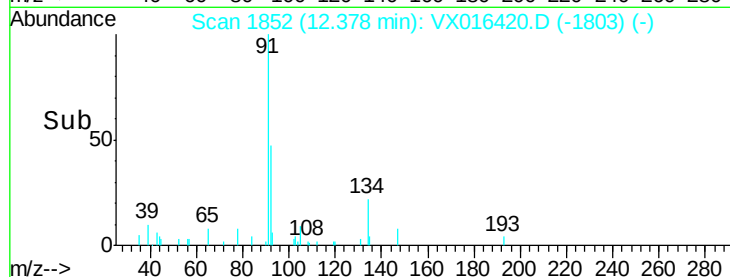
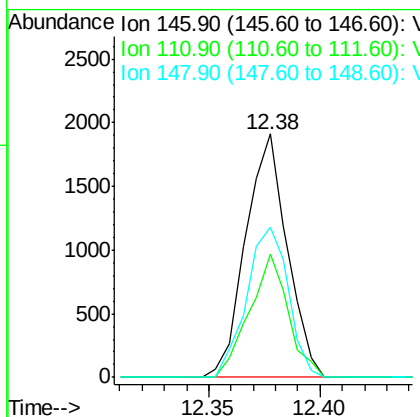
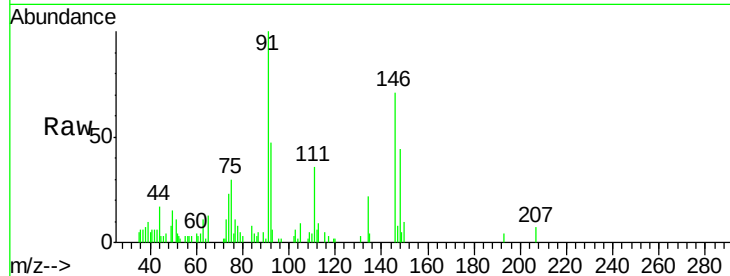
#91
 1,2-Dichlorobenzene
 Concen: 0.886 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.3	20.4	61.3
148	62.0	31.6	94.8

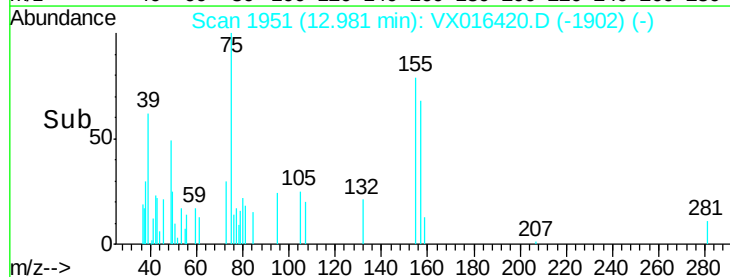
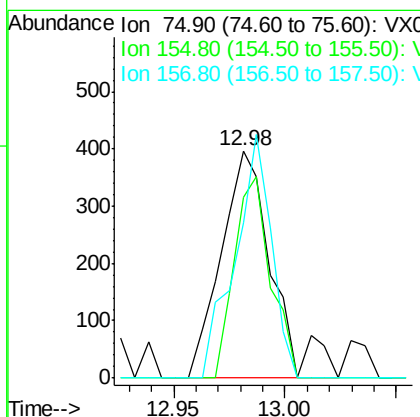
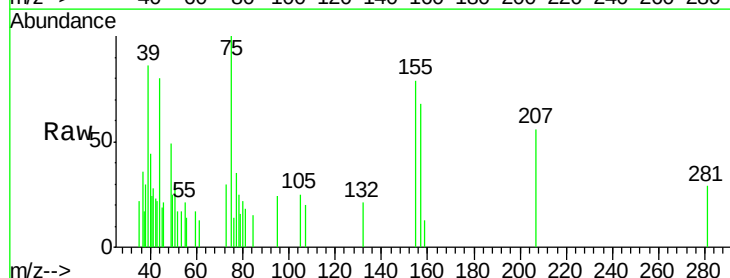
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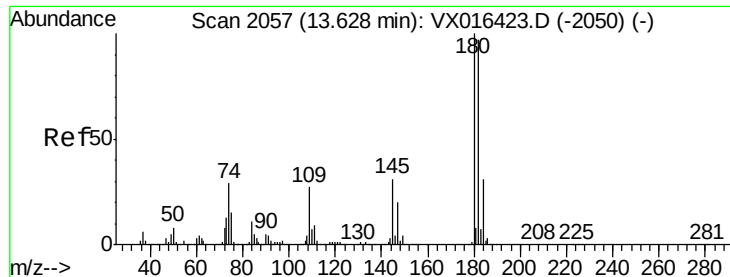
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.252 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016420.D
 Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	62.5	44.8	134.4
157	76.0	57.8	173.4





#93

1,2,4-Trichlorobenzene

Concen: 0.859 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX016420.D

Acq: 26 May 2020 12:20

Instrument :

MSVOA_X

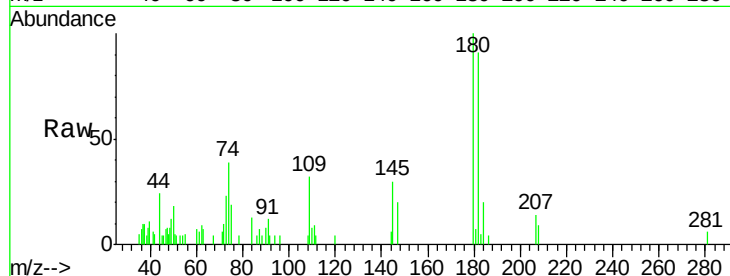
ClientSampleId :

VSTDIC001

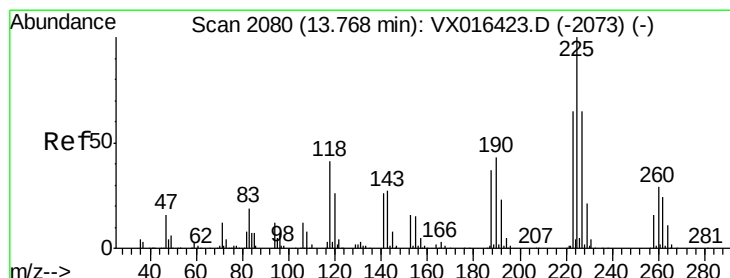
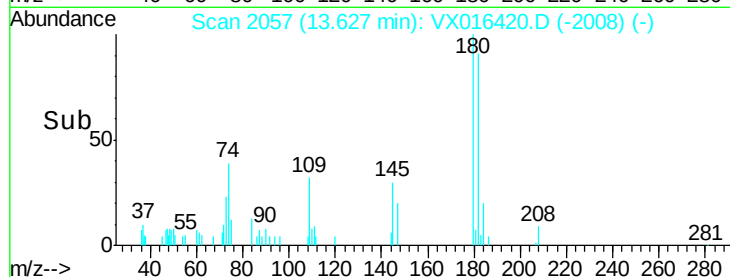
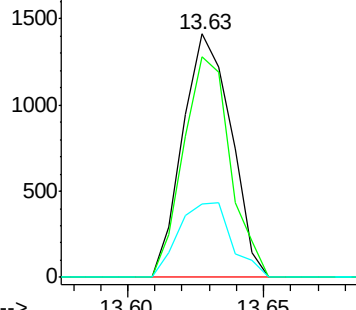
Tot Ion:	180	Resp:	1740
Ion Ratio	Lower	Upper	
180	100		
182	87.9	48.6	145.8
145	33.3	15.5	46.5

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5/27/2020 12:27:03 PM



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 0.733 ug/l

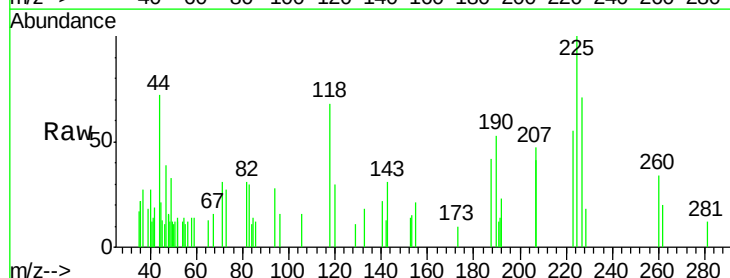
RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

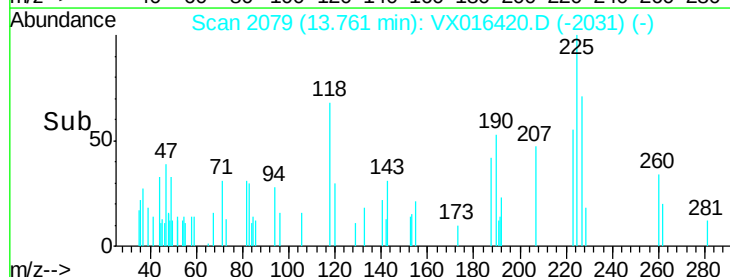
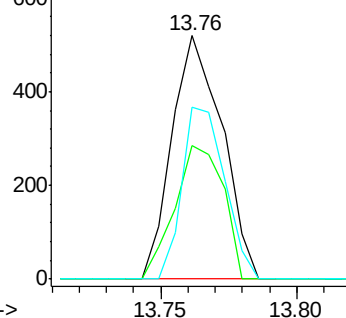
Lab File: VX016420.D

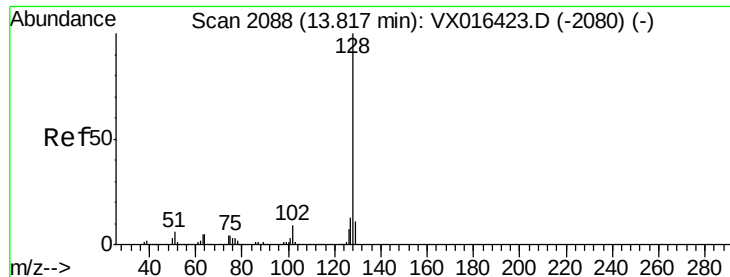
Acq: 26 May 2020 12:20

Tgt Ion:	225	Resp:	664
Ion Ratio	Lower	Upper	
225	100		
223	53.2	32.6	98.0
227	60.2	32.5	97.4



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





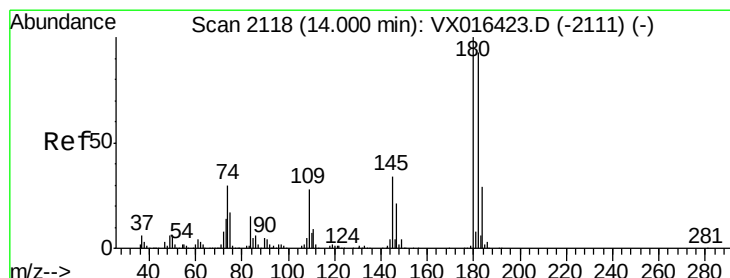
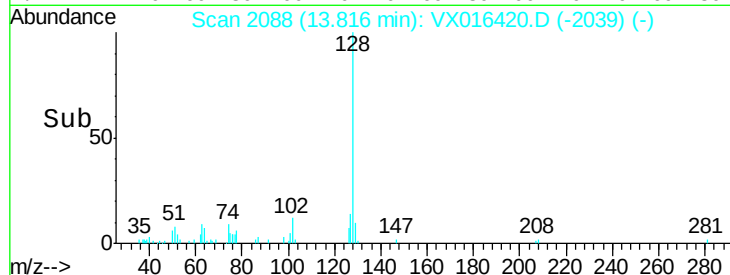
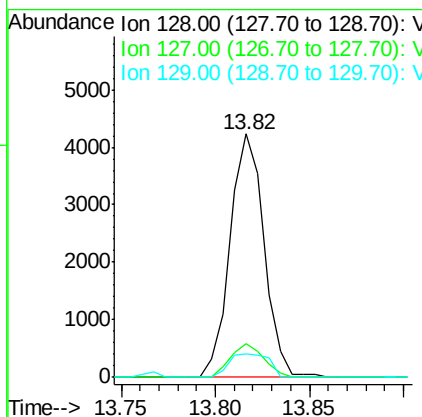
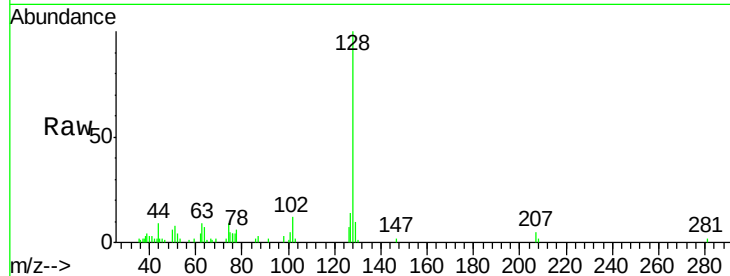
#95
Naphthalene
Concen: 0.800 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.3	8.9	13.3

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#96
1,2,3-Trichlorobenzene
Concen: 0.698 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016420.D
Acq: 26 May 2020 12:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	111.6	48.2	144.6
145	42.7	16.3	48.9

