

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016428.D
 Acq On : 26 May 2020 15:54
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:47 PM

Quant Time: May 26 16:16:02 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	5.64	168	133395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	231453	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	213423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	95341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	9639	5.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.88%	
35) Dibromofluoromethane	5.48	113	7812	5.26	ug/l	0.01
Spiked Amount	50.000		Recovery	=	10.52%	
50) Toluene-d8	8.70	98	25950	4.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.10%	
62) 4-Bromofluorobenzene	11.12	95	9435	4.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	8.74%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	5136	3.795	ug/l 95
3) Chloromethane	1.31	50	7425	4.649	ug/l 95
4) Vinyl Chloride	1.39	62	10117	5.741	ug/l 99
5) Bromomethane	1.62	94	15065	13.118	ug/l 99
6) Chloroethane	1.70	64	7432	6.793	ug/l 96
7) Trichlorofluoromethane	1.91	101	17426	7.270	ug/l 97
8) Diethyl Ether	2.17	74	7538	7.519	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	7459	5.697	ug/l 97
10) Methyl Iodide	2.49	142	4647	2.761	ug/l 97
11) Tert butyl alcohol	3.02	59	11861	27.365	ug/l # 94
12) 1,1-Dichloroethene	2.36	96	7424	5.421	ug/l 89
13) Acrolein	2.27	56	8723	33.141	ug/l 97
14) Allyl chloride	2.70	41	12225	4.943	ug/l 93
15) Acrylonitrile	3.12	53	22103	24.480	ug/l 97
16) Acetone	2.42	43	20032	26.057	ug/l 99
17) Carbon Disulfide	2.55	76	22456	4.825	ug/l 100
18) Methyl Acetate	2.75	43	9908	5.245	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	24790	5.222	ug/l 95
20) Methylene Chloride	2.83	84	8850	5.531	ug/l 96
21) trans-1,2-Dichloroethene	3.14	96	8215	5.308	ug/l 94
22) Diisopropyl ether	3.82	45	23172	4.893	ug/l 96
23) Vinyl Acetate	3.79	43	100350	24.128	ug/l 99
24) 1,1-Dichloroethane	3.67	63	14472	5.426	ug/l # 95
25) 2-Butanone	4.64	43	31167	25.129	ug/l 94
26) 2,2-Dichloropropane	4.55	77	12861	5.267	ug/l 96
27) cis-1,2-Dichloroethene	4.56	96	9565	5.633	ug/l 99
28) Bromochloromethane	4.98	49	7086	5.801	ug/l 86
29) Tetrahydrofuran	5.10	42	19490	23.748	ug/l 97
30) Chloroform	5.18	83	14654	5.465	ug/l 97
31) Cyclohexane	5.55	56	12212	5.126	ug/l 91
32) 1,1,1-Trichloroethane	5.46	97	13309	5.443	ug/l 95
36) 1,1-Dichloropropene	5.76	75	11030	4.871	ug/l 97
37) Ethyl Acetate	4.80	43	12180	4.716	ug/l # 93
38) Carbon Tetrachloride	5.76	117	11222	4.855	ug/l # 91

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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 5/27/2020 12:27:47 PM

Quant Time: May 26 16:16:02 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)
39) Methylcyclohexane	7.44	83	11884	4.434	ug/l	97
40) Benzene	6.12	78	31867	4.803	ug/l	95
41) Methacrylonitrile	5.01	41	6514	4.673	ug/l	95
42) 1,2-Dichloroethane	6.17	62	12412	5.200	ug/l	98
43) Isopropyl Acetate	6.42	43	19148	4.633	ug/l	97
44) Trichloroethene	7.20	130	10545	4.498	ug/l	92
45) 1,2-Dichloropropane	7.49	63	8301	4.981	ug/l	95
46) Dibromomethane	7.64	93	5802	5.036	ug/l	98
47) Bromodichloromethane	7.88	83	11809	5.075	ug/l	90
48) Methyl methacrylate	7.74	41	8238	4.230	ug/l	98
49) 1,4-Dioxane	7.71	88	4337	91.487	ug/l	91
51) 4-Methyl-2-Pentanone	8.62	43	58332	23.038	ug/l	97
52) Toluene	8.77	92	19366	4.663	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	13116	4.743	ug/l	94
54) cis-1,3-Dichloropropene	8.41	75	13406	4.660	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	8136	4.958	ug/l	96
56) Ethyl methacrylate	9.16	69	11101	4.209	ug/l	94
57) 1,3-Dichloropropane	9.35	76	13542	4.764	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	30890	22.043	ug/l	100
59) 2-Hexanone	9.48	43	43636	21.926	ug/l	99
60) Dibromochloromethane	9.57	129	8312	4.572	ug/l	95
61) 1,2-Dibromoethane	9.65	107	8626	4.839	ug/l	98
64) Tetrachloroethene	9.32	164	11537	4.460	ug/l	97
65) Chlorobenzene	10.12	112	21248	4.768	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	8258	4.999	ug/l	97
67) Ethyl Benzene	10.24	91	36831	4.660	ug/l	99
68) m/p-Xylenes	10.34	106	28382	9.558	ug/l	100
69) o-Xylene	10.68	106	13034	4.557	ug/l	93
70) Styrene	10.70	104	20821	4.304	ug/l	97
71) Bromoform	10.84	173	6007	4.456	ug/l #	97
73) Isopropylbenzene	11.01	105	34397	5.000	ug/l	99
74) N-amyl acetate	10.88	43	15052	4.776	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	8477	6.710	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	11283m	5.288	ug/l	
77) Bromobenzene	11.24	156	8463	4.735	ug/l	92
78) n-propylbenzene	11.34	91	39830	4.989	ug/l	96
79) 2-Chlorotoluene	11.40	91	23405	4.957	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	28356	4.885	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.06	75	4391	4.935	ug/l	89
82) 4-Chlorotoluene	11.49	91	28239	5.060	ug/l	95
83) tert-Butylbenzene	11.76	119	23643	4.729	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	28868	4.929	ug/l	96
85) sec-Butylbenzene	11.93	105	30566	4.569	ug/l	98
86) p-Isopropyltoluene	12.05	119	28227	4.556	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	15366	4.813	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	15701	4.843	ug/l	91
89) n-Butylbenzene	12.37	91	24901	4.424	ug/l	98
90) Hexachloroethane	12.58	117	4912	4.587	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	15563	5.037	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	2745	4.878	ug/l	88

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Data File : VX016428.D
Acq On : 26 May 2020 15:54
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Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

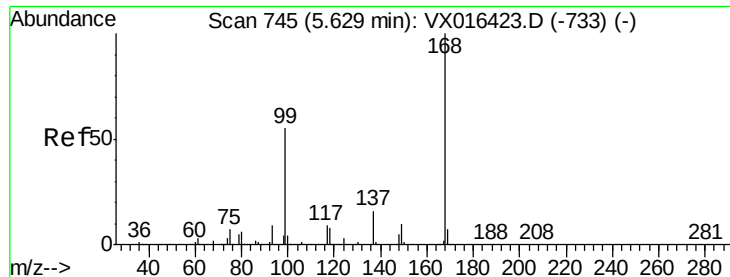
Manual Integrations
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5/27/2020 12:27:47 PM

Quant Time: May 26 16:16:02 2020
Quant Method : Z:\V0ASRV\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)
93) 1,2,4-Trichlorobenzene	13.63	180	9121	4.071	ug/l	96
94) Hexachlorobutadiene	13.76	225	3660	3.653	ug/l	91
95) Naphthalene	13.82	128	31126	4.242	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	8884	4.077	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 133395

Ion Ratio Lower Upper

168 100

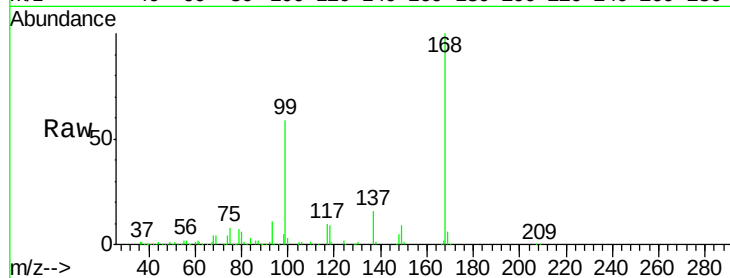
99 59.0 44.4 66.6

Manual Integrations

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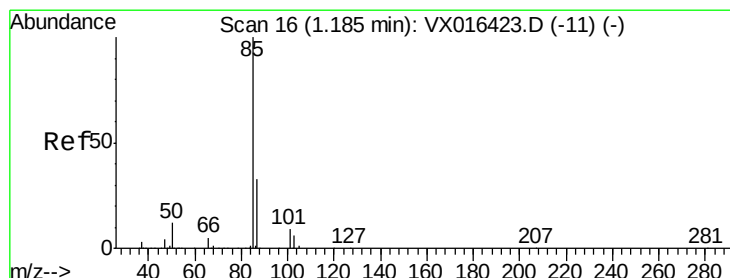
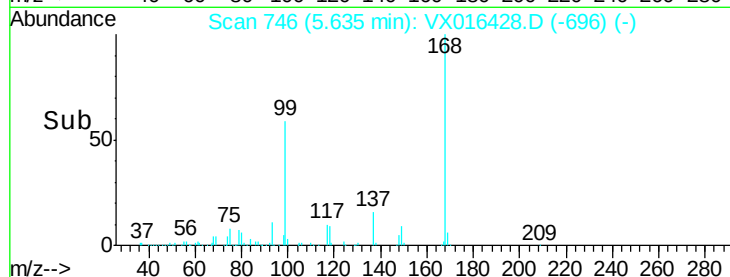
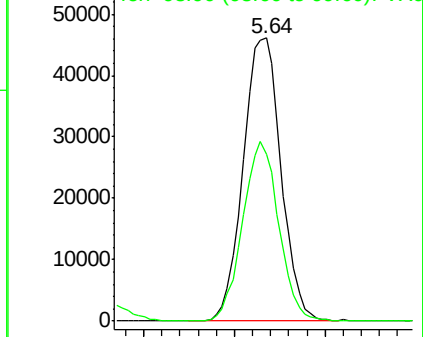
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 3.795 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016428.D

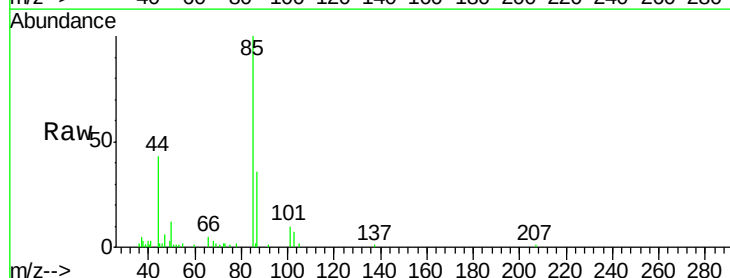
Acq: 26 May 2020 15:54

Tgt Ion: 85 Resp: 5136

Ion Ratio Lower Upper

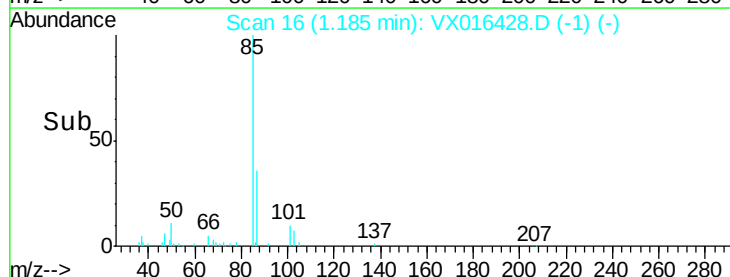
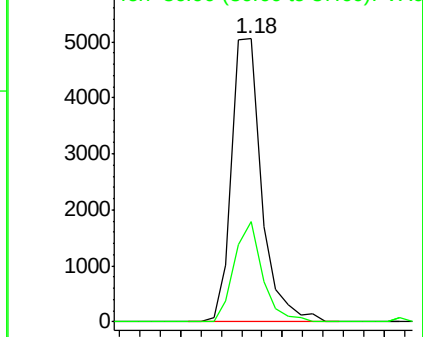
85 100

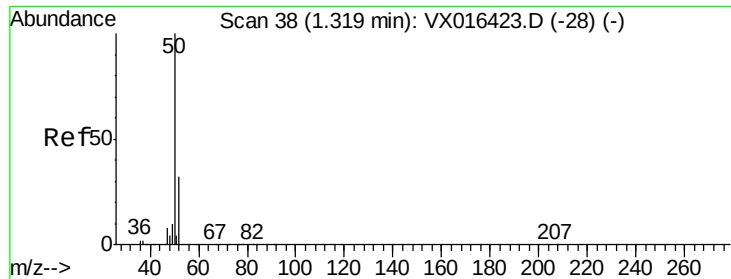
87 35.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.649 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 7425

Ion Ratio Lower Upper

50 100

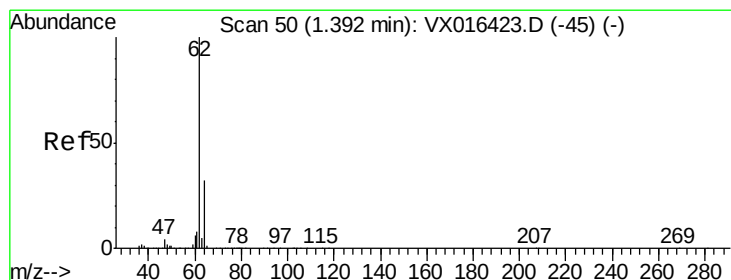
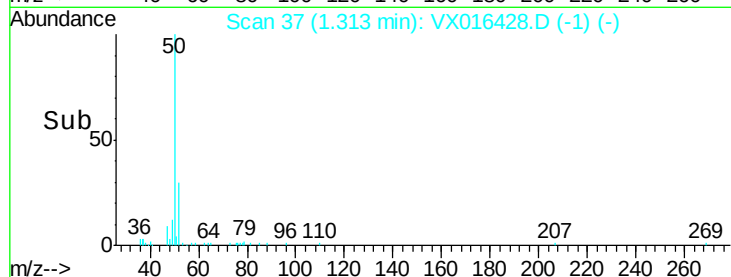
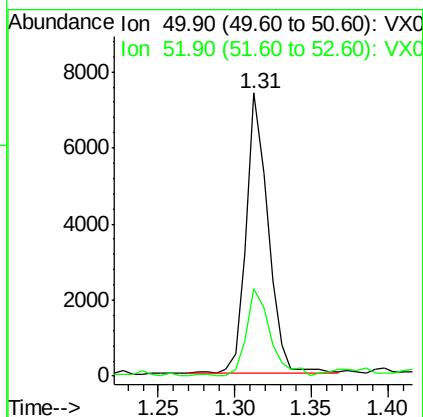
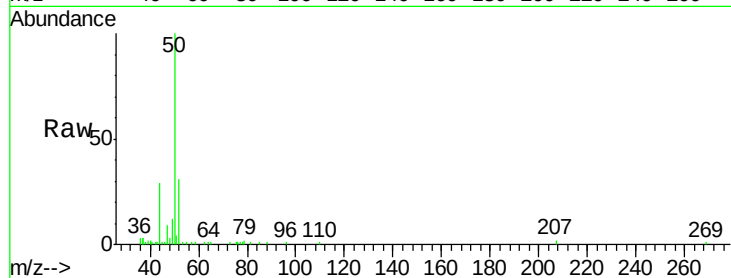
52 29.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 5.741 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016428.D

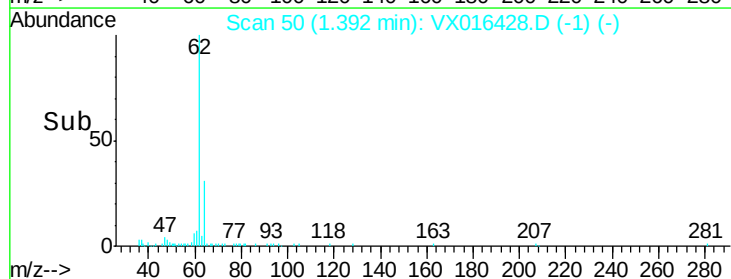
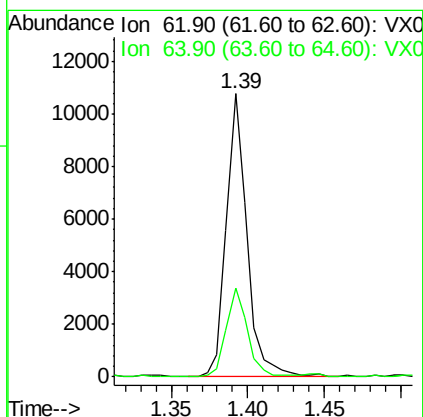
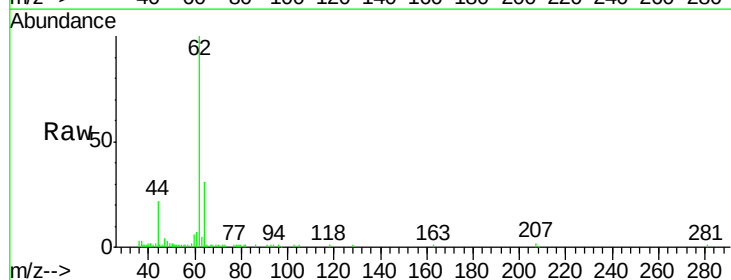
Acq: 26 May 2020 15:54

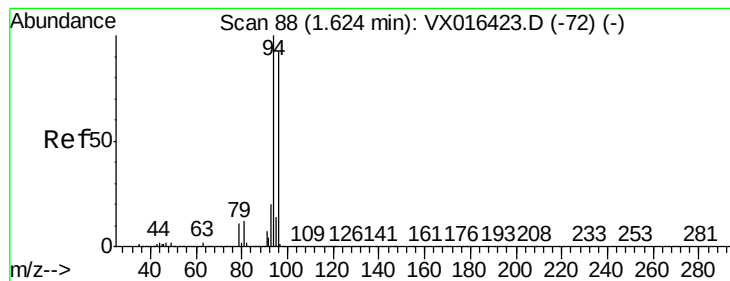
Tgt Ion: 62 Resp: 10117

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 13.118 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tot Ion: 94 Resp: 15065

Ion Ratio Lower Upper

94 100

96 93.1 73.7 110.5

Instrument :

MSVOA_X

ClientSampleId :

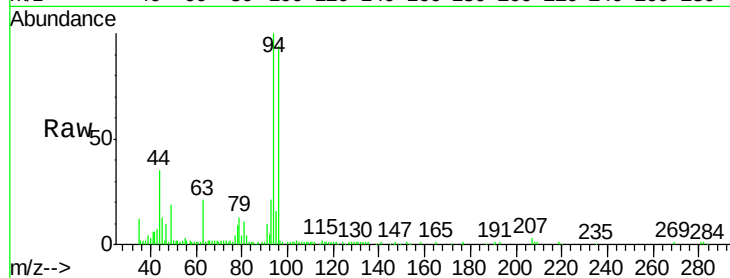
VSTDIC005

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

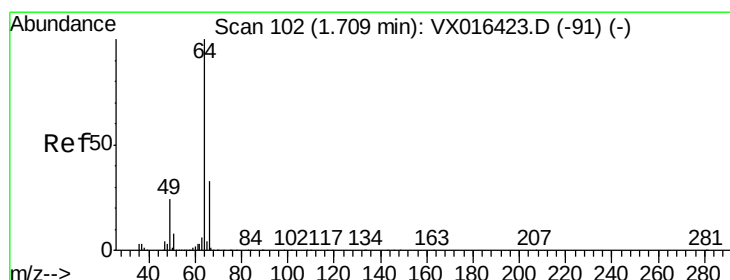
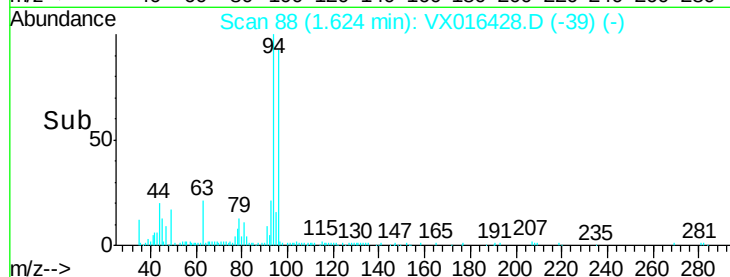
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 6.793 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016428.D

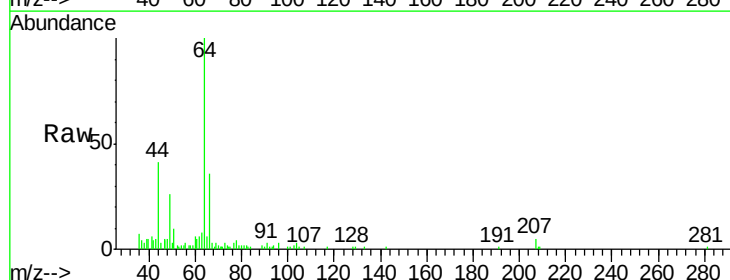
Acq: 26 May 2020 15:54

Tgt Ion: 64 Resp: 7432

Ion Ratio Lower Upper

64 100

66 34.8 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

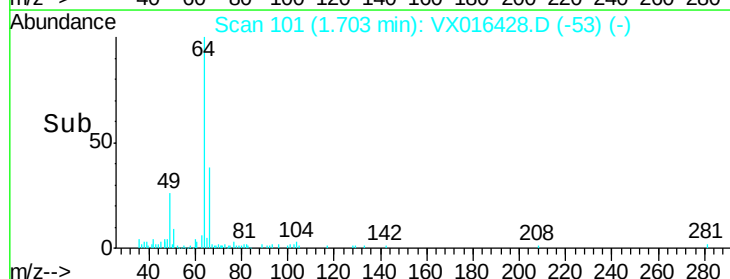
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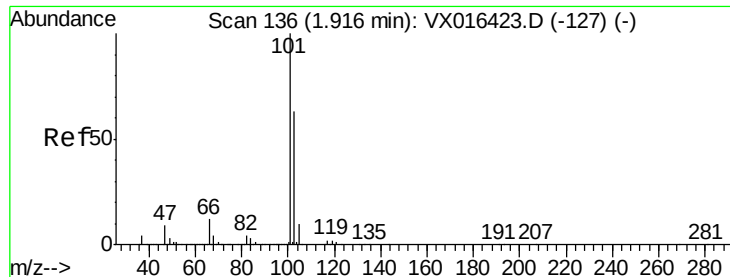
4000

2000

0

Time-->





#7

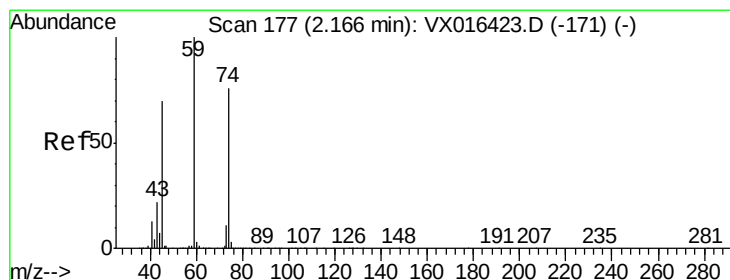
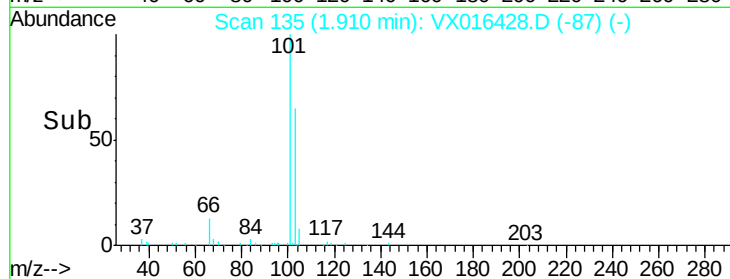
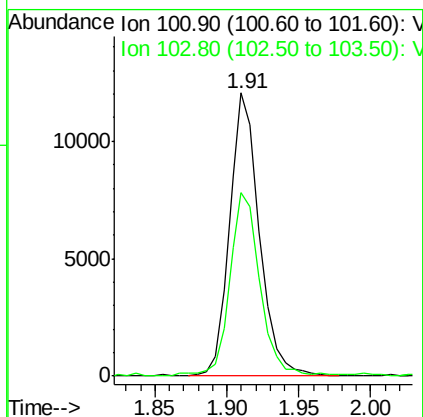
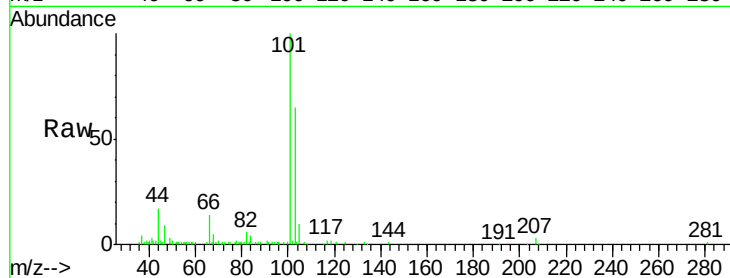
Trichlorofluoromethane
Concen: 7.270 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	50.1	75.1

Manual Integrations
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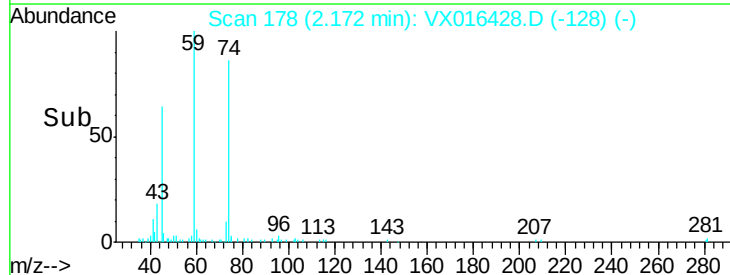
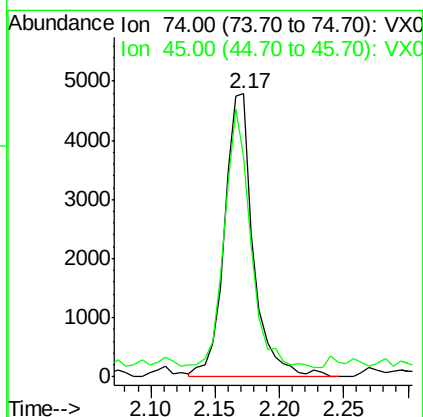
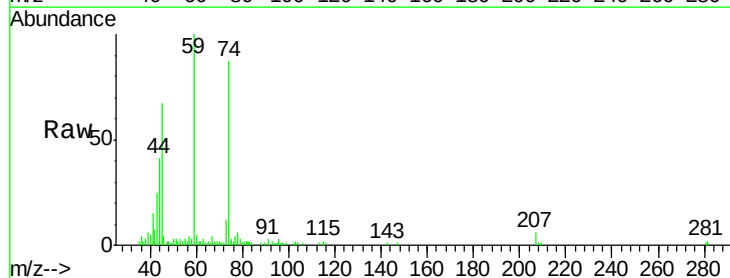
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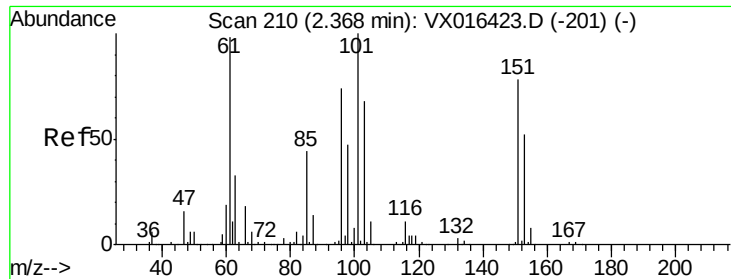


#8

Diethyl Ether
Concen: 7.519 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.9	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.697 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

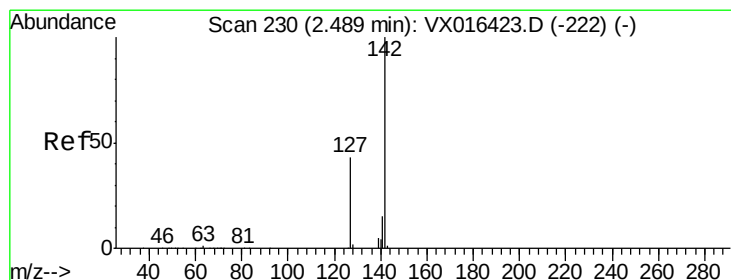
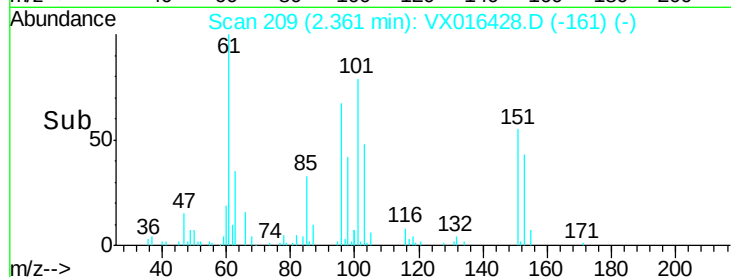
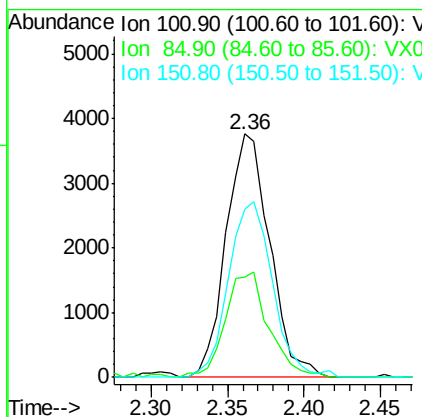
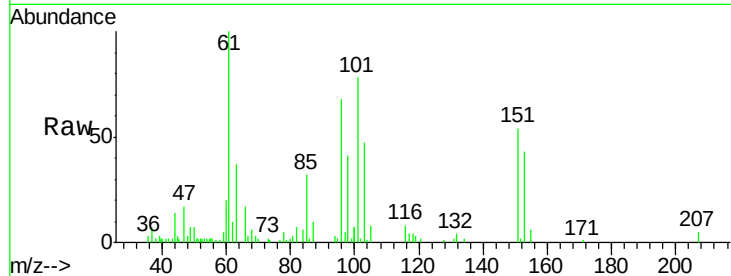
ClientSampled :

VSTDIC005

Tot Ion:	101	Resp:	7459
Ion Ratio	Lower	Upper	
101	100		
85	42.7	36.2	54.4
151	72.7	60.4	90.6

Manual Integrations
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5/27/2020 12:27:47 PM



#10

Methyl Iodide

Concen: 2.761 ug/l

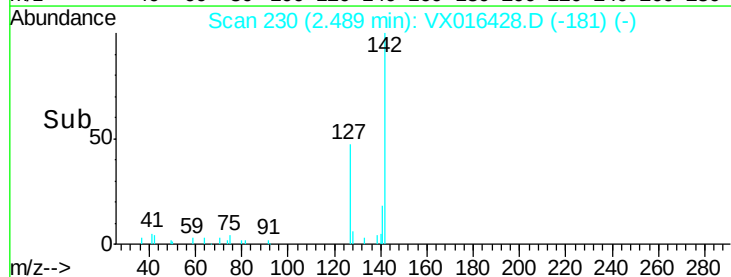
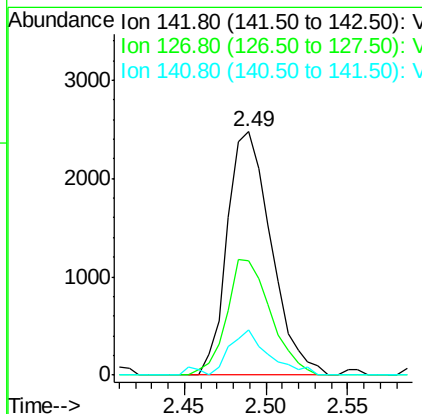
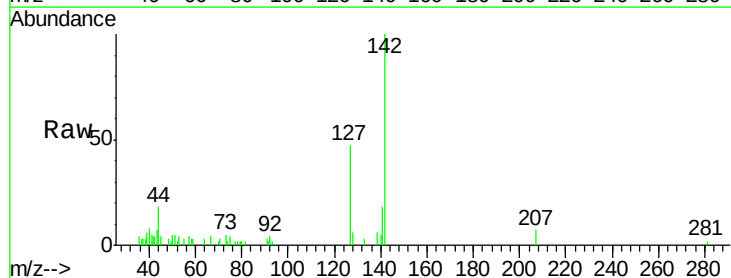
RT: 2.49 min Scan# 230

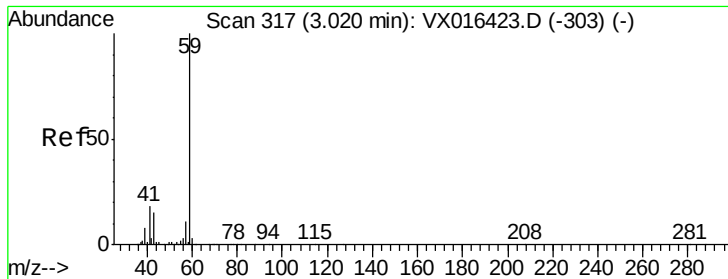
Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	142	Resp:	4647
Ion Ratio	Lower	Upper	
142	100		
127	47.6	36.2	54.4
141	16.5	12.2	18.2





#11

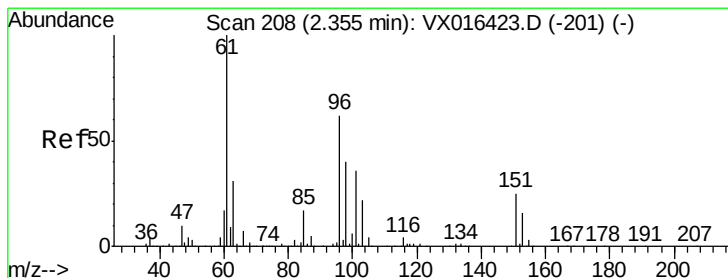
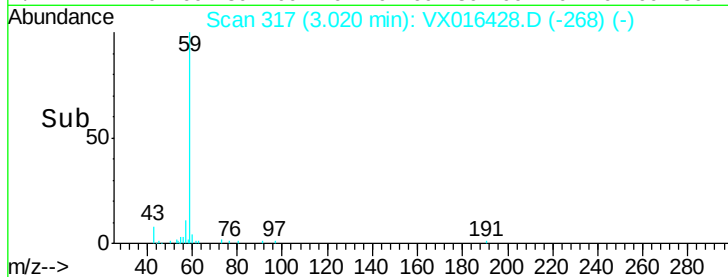
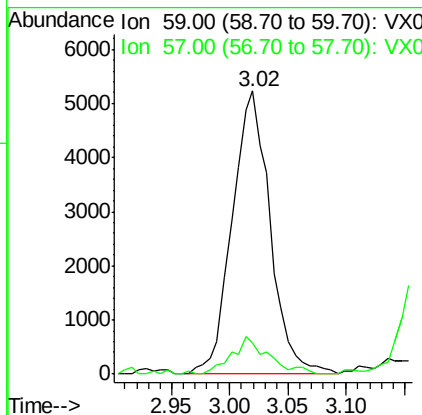
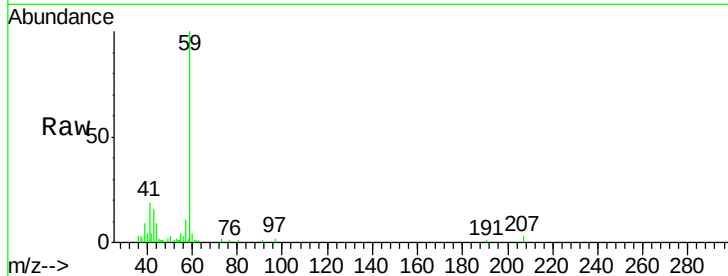
Tert butyl alcohol
Concen: 27.365 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	12.7	8.5	12.7#

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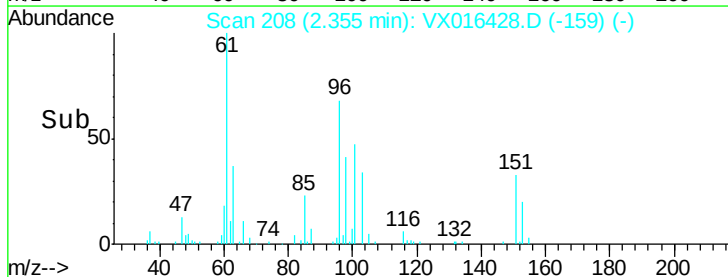
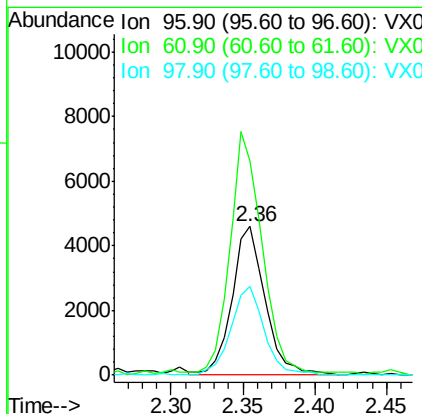
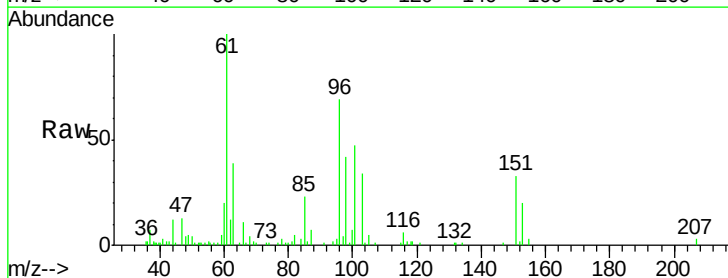
MMDadoda
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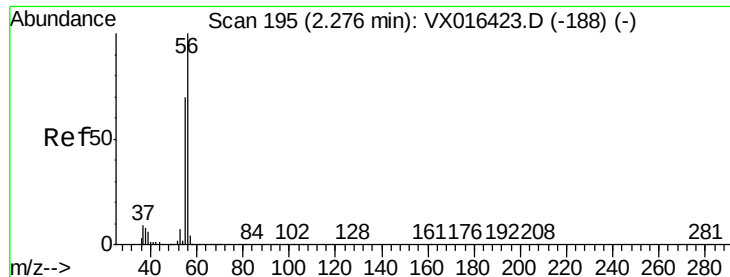


#12

1,1-Dichloroethene
Concen: 5.421 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.3	128.2	192.4
98	59.9	50.8	76.2





#13

Acrolein

Concen: 33.141 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 8723

Ion Ratio Lower Upper

56 100

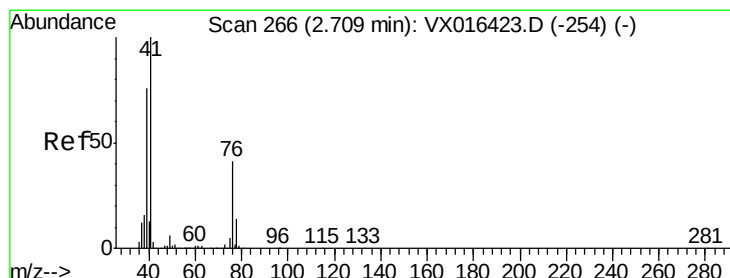
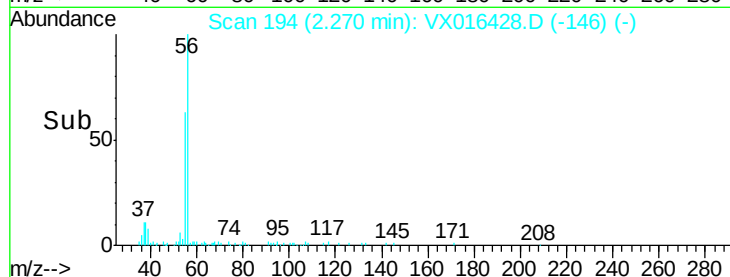
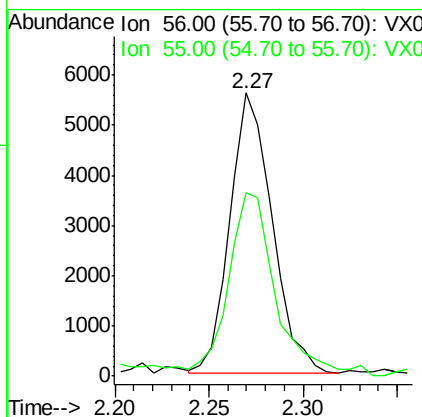
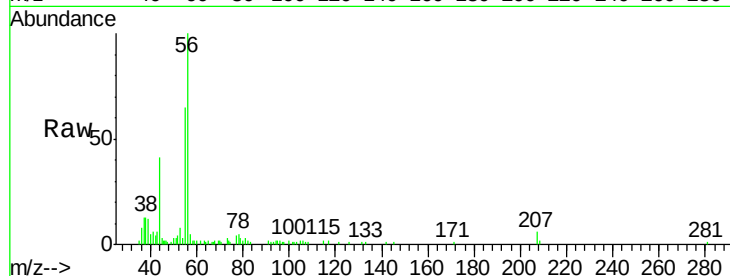
55 73.4 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 4.943 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

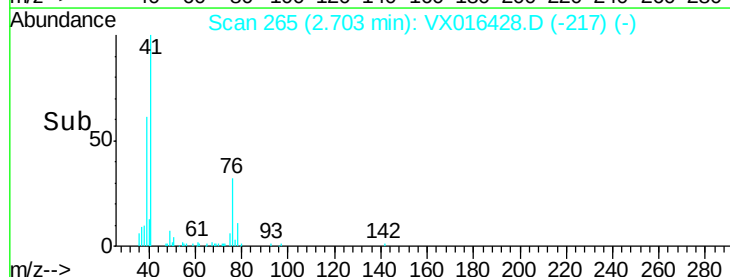
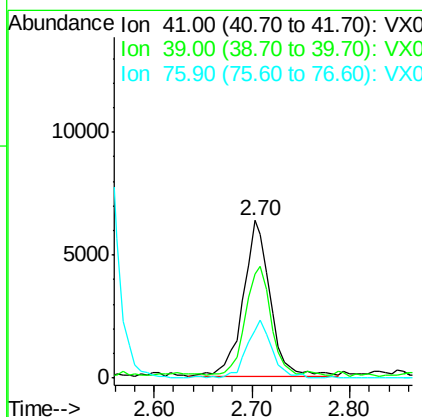
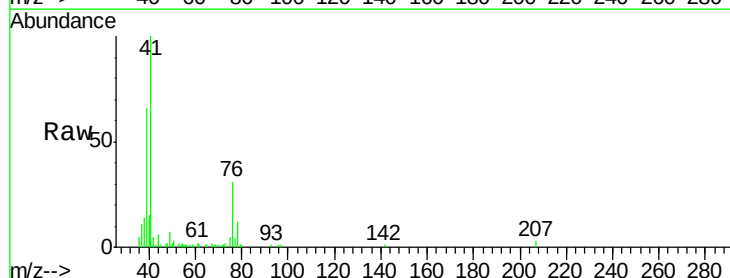
Tgt Ion: 41 Resp: 12225

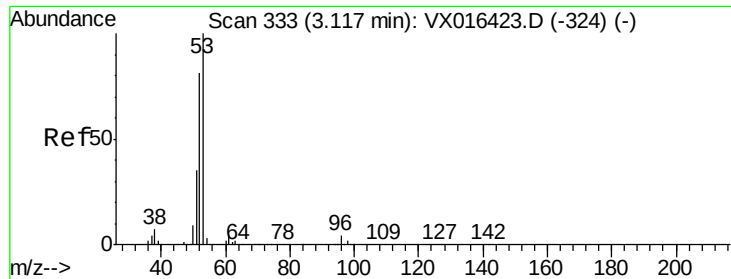
Ion Ratio Lower Upper

41 100

39 64.0 55.8 83.8

76 33.8 29.6 44.4





#15

Acrylonitrile

Concen: 24.480 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

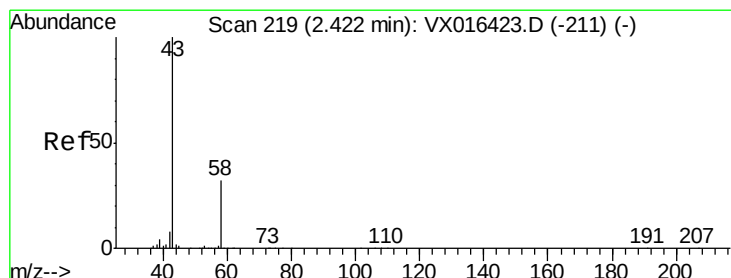
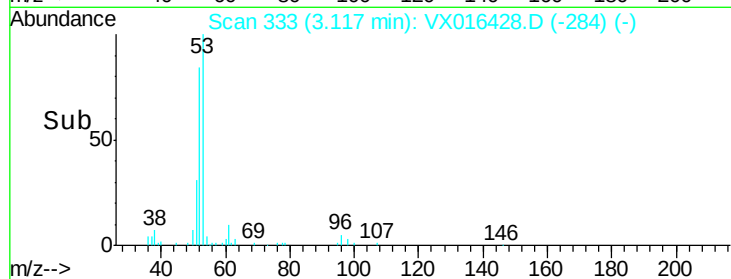
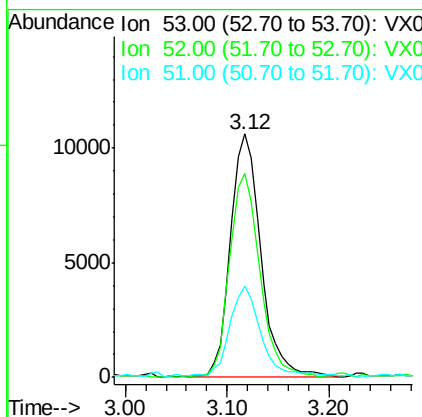
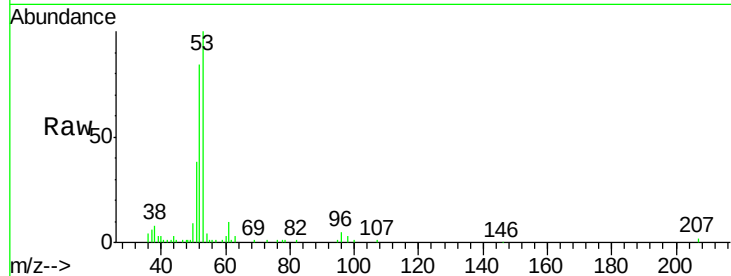
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	22103
Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.4	98.2
51	39.4	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 26.057 ug/l

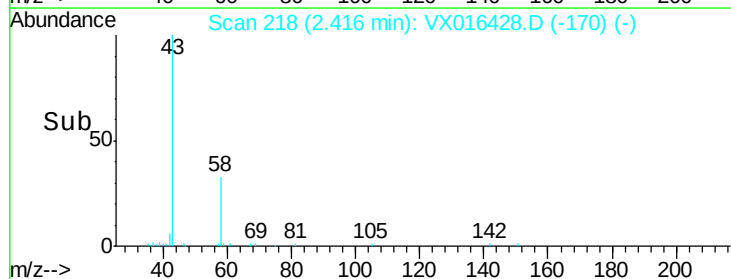
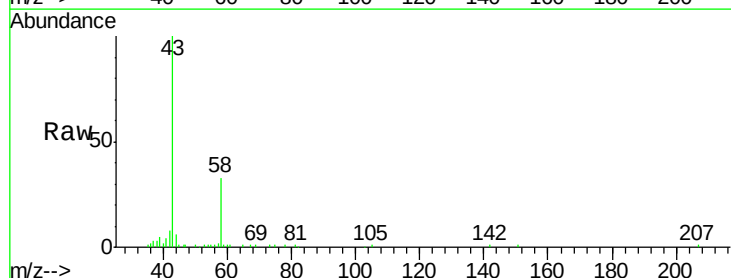
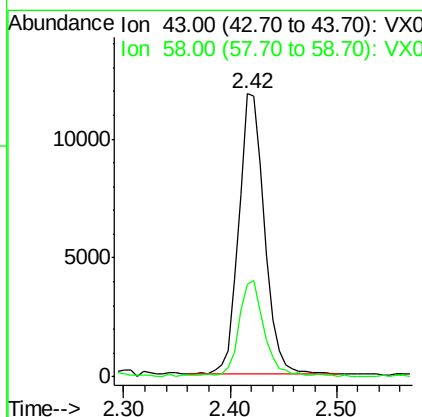
RT: 2.42 min Scan# 218

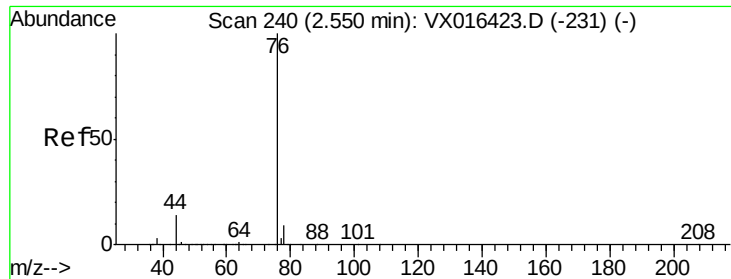
Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	43	Resp:	20032
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.0	39.0





#17

Carbon Disulfide

Concen: 4.825 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 22456

Ion Ratio Lower Upper

76 100

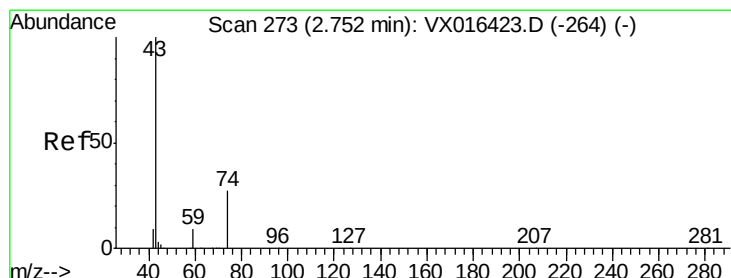
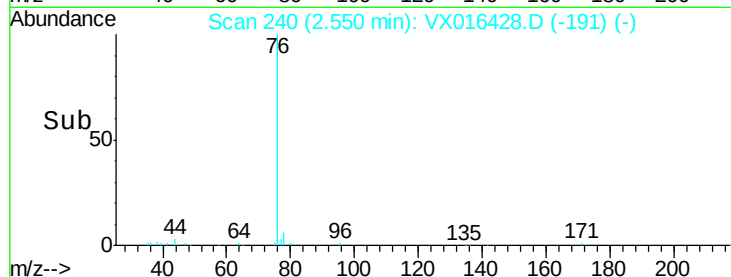
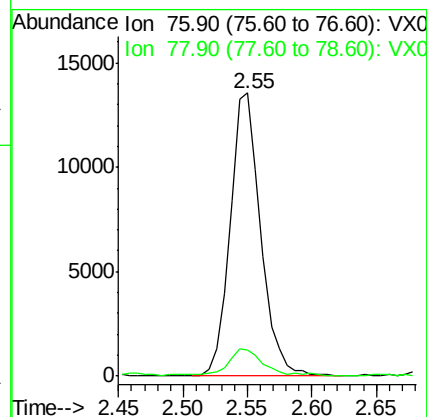
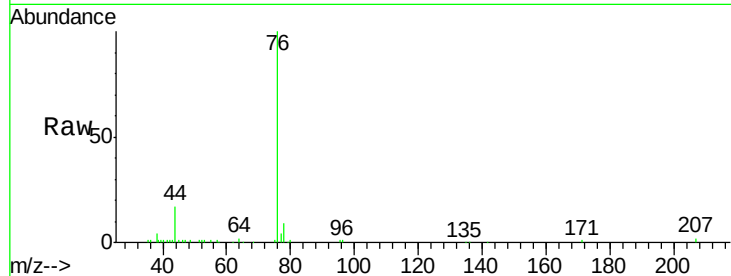
78 9.1 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 5.245 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016428.D

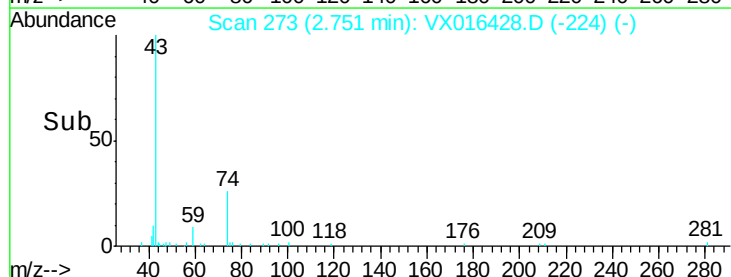
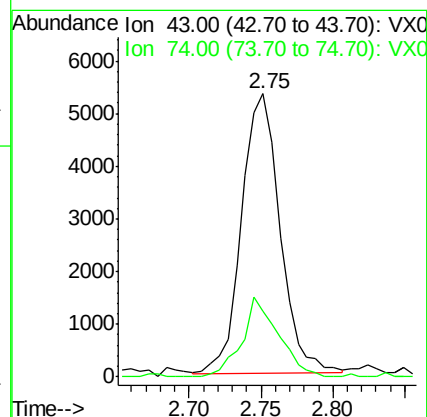
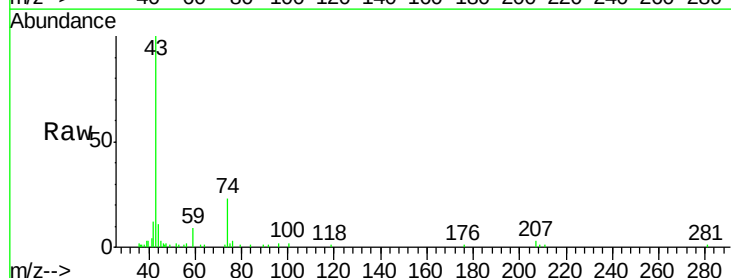
Acq: 26 May 2020 15:54

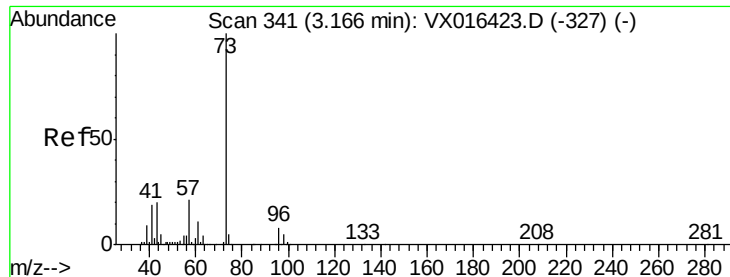
Tgt Ion: 43 Resp: 9908

Ion Ratio Lower Upper

43 100

74 26.8 21.3 31.9





#19

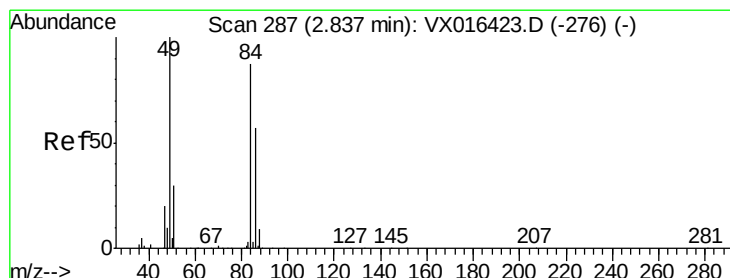
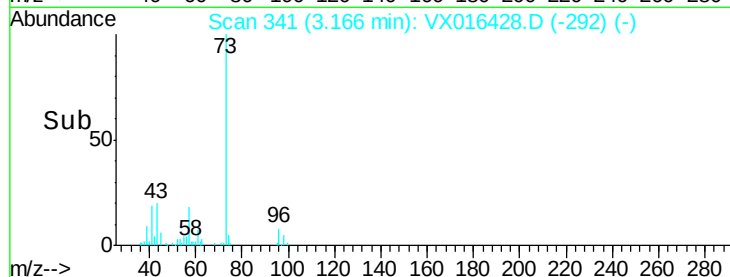
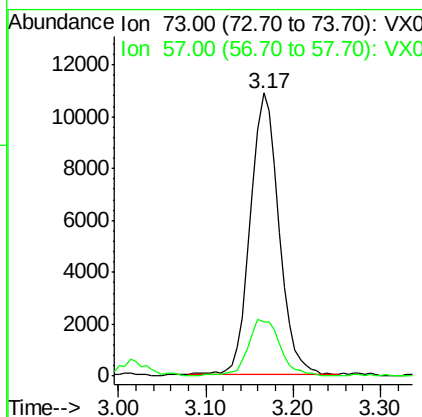
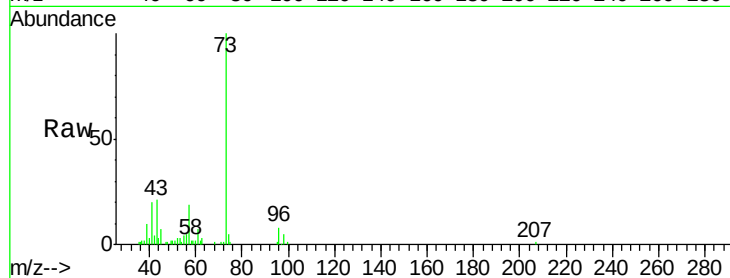
Methyl tert-butyl Ether
 Concen: 5.222 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	73	Resp	24790
Ion Ratio	100	Lower	Upper
73	100		
57	19.4	17.3	25.9

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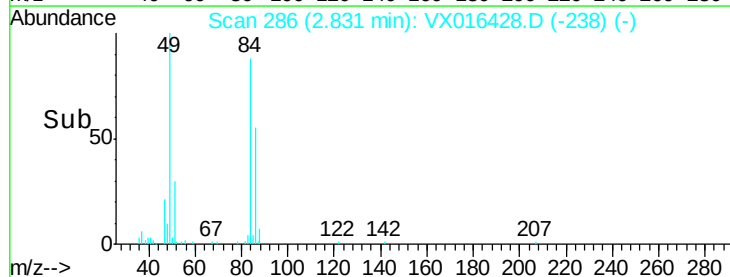
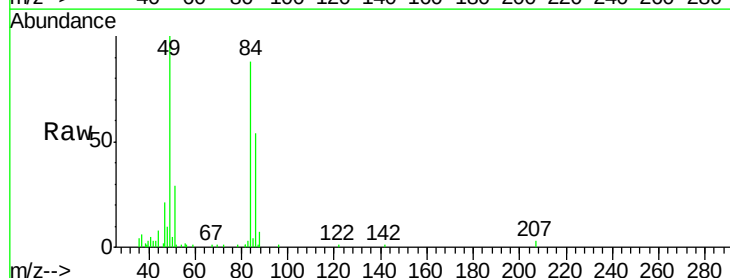
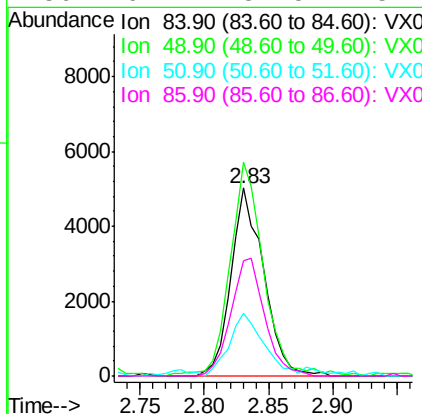
MMDadoda
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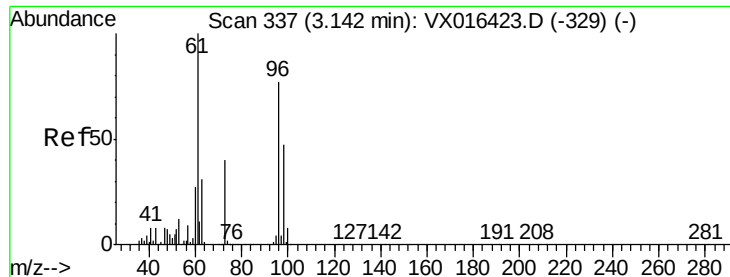


#20

Methylene Chloride
 Concen: 5.531 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	84	Resp	8850
Ion Ratio	100	Lower	Upper
84	100		
49	112.4	92.2	138.4
51	32.1	27.8	41.8
86	61.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 5.308 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

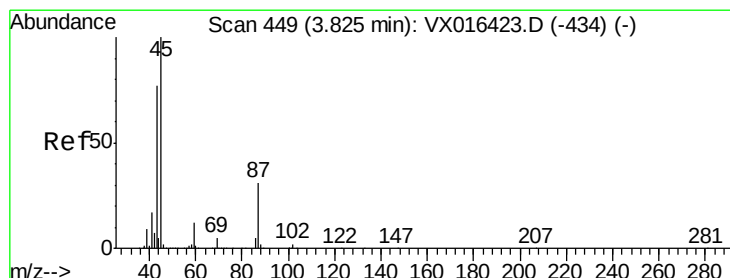
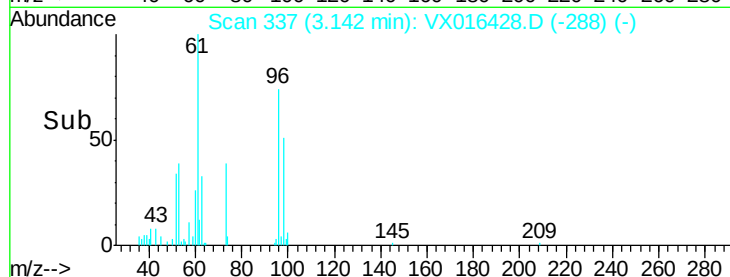
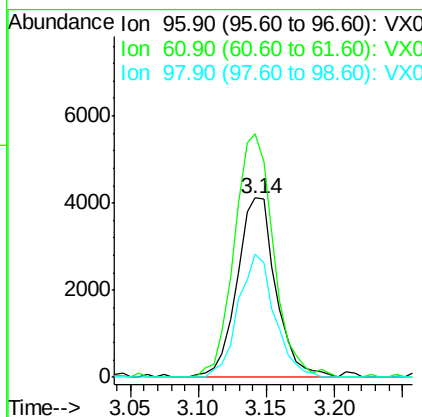
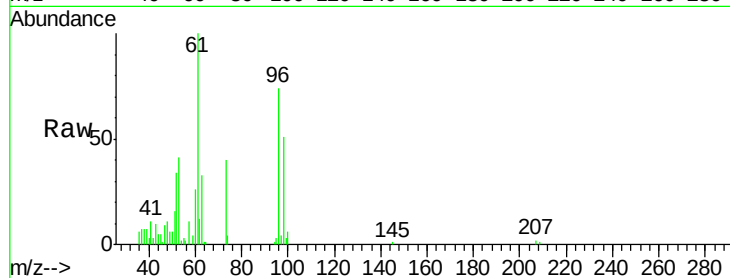
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	8215
Ion	Ratio	Lower	Upper
96	100		
61	135.9	104.3	156.5
98	68.9	49.4	74.0

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#22

Diisopropyl ether

Concen: 4.893 ug/l

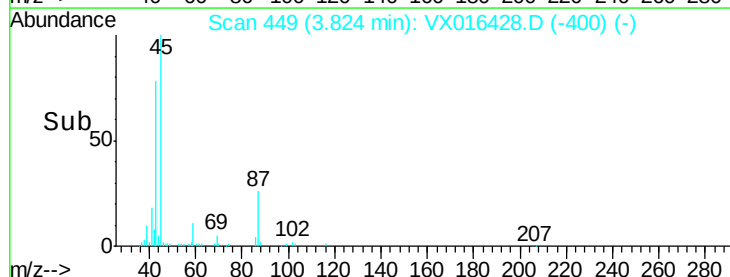
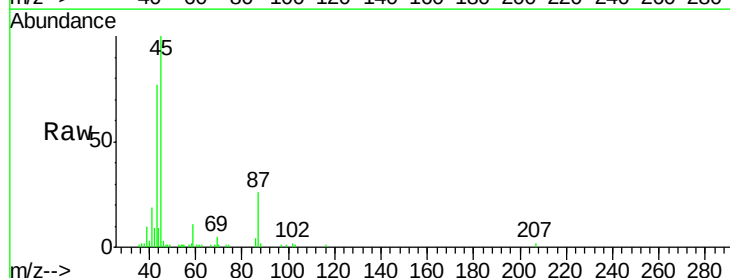
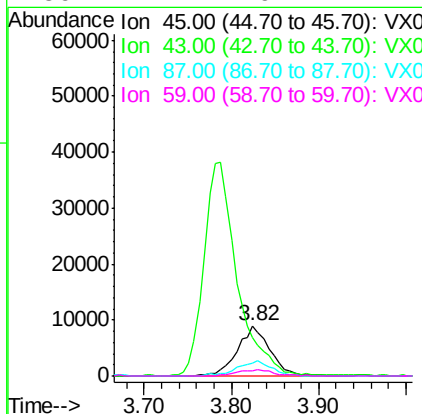
RT: 3.82 min Scan# 449

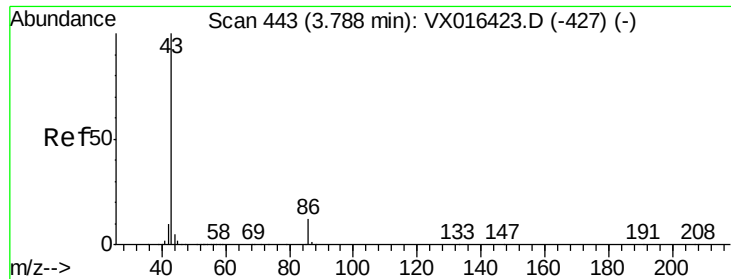
Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	45	Resp:	23172
Ion	Ratio	Lower	Upper
45	100		
43	74.8	61.4	92.2
87	25.9	24.4	36.6
59	11.1	9.4	14.2





#23

Vinyl Acetate

Concen: 24.128 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 100350

Ion Ratio Lower Upper

43 100

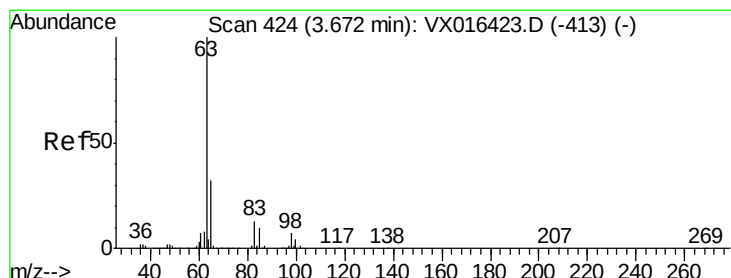
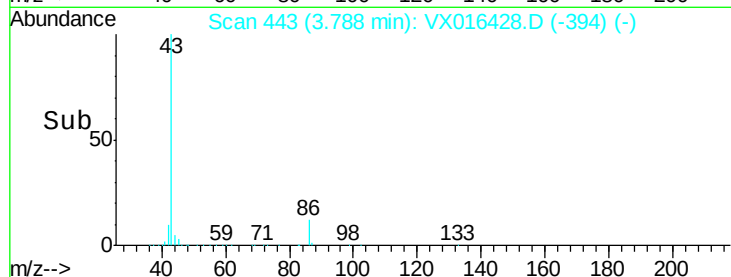
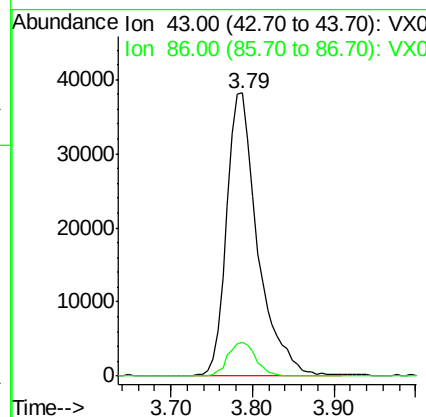
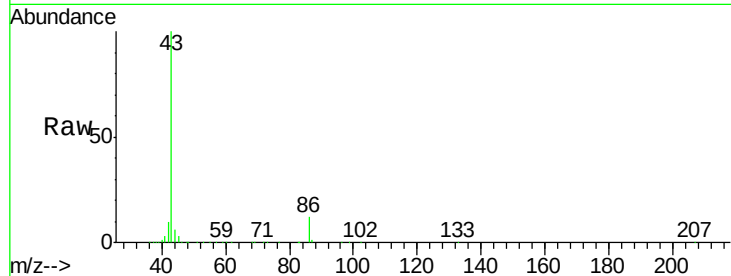
86 11.9 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 5.426 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

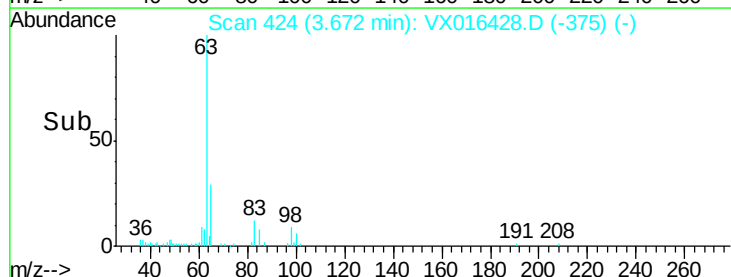
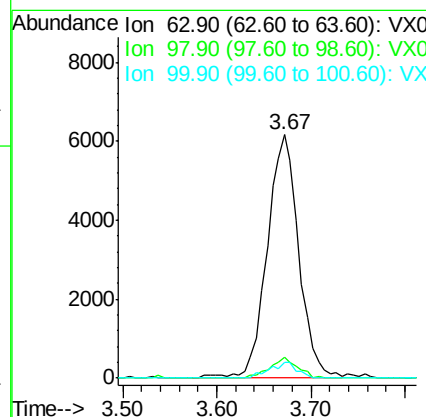
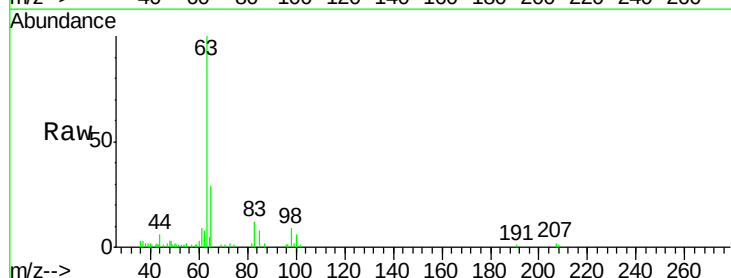
Tgt Ion: 63 Resp: 14472

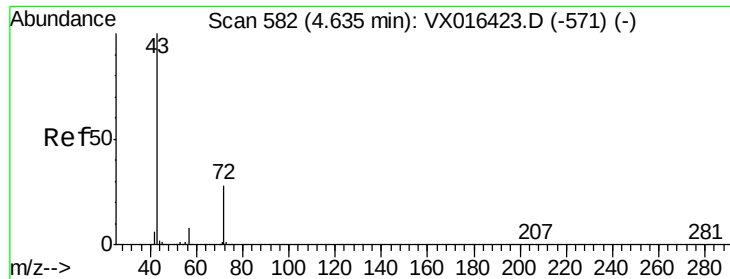
Ion Ratio Lower Upper

63 100

98 8.7 3.6 10.8

100 6.5 2.1 6.5#





#25

2-Butanone

Concen: 25.129 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 31167

Ion Ratio Lower Upper

43 100

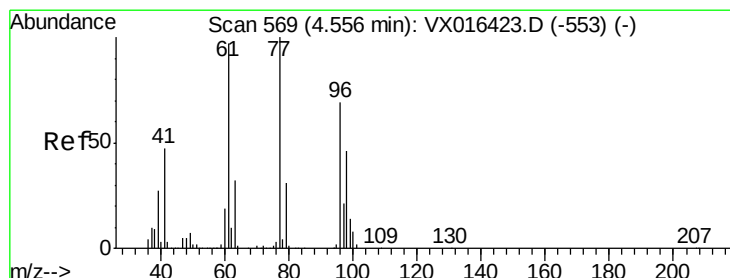
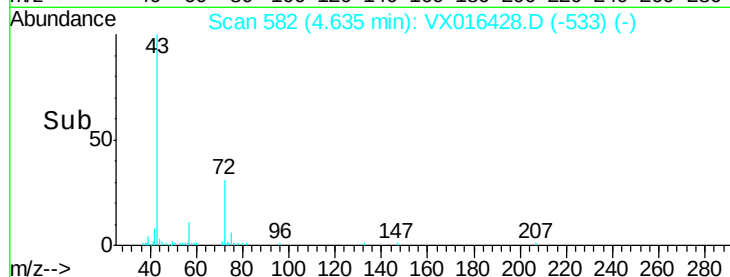
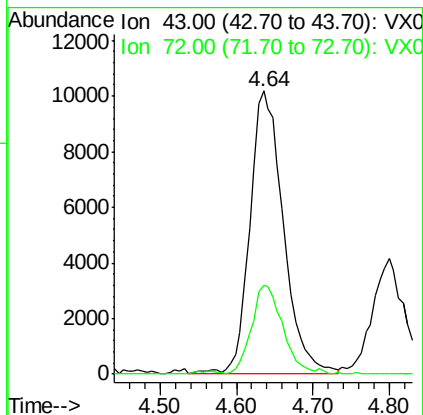
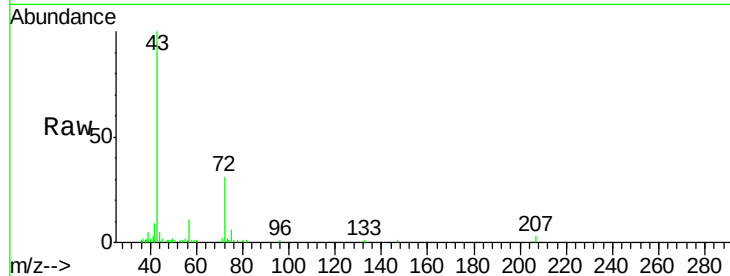
72 31.5 22.7 34.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.267 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX016428.D

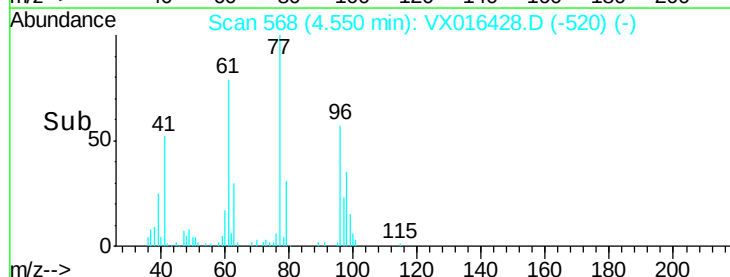
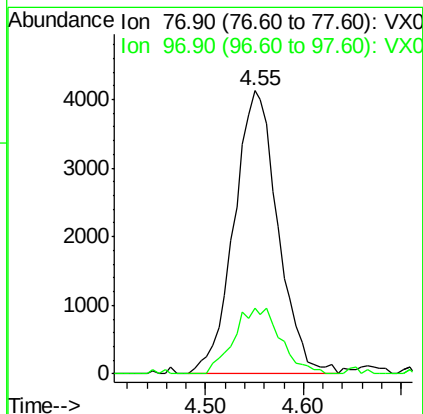
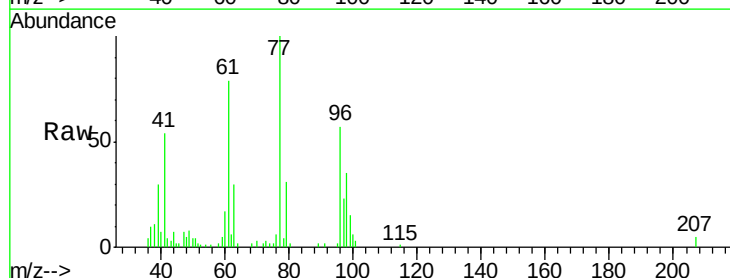
Acq: 26 May 2020 15:54

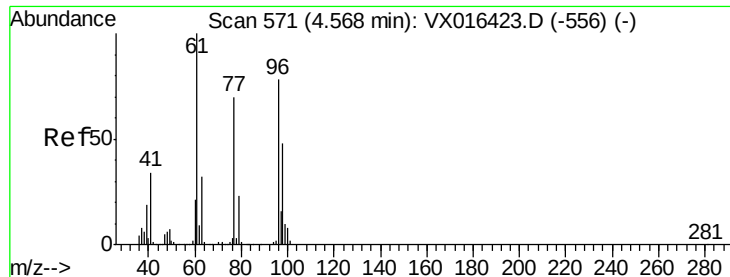
Tgt Ion: 77 Resp: 12861

Ion Ratio Lower Upper

77 100

97 24.8 11.5 34.5





#27

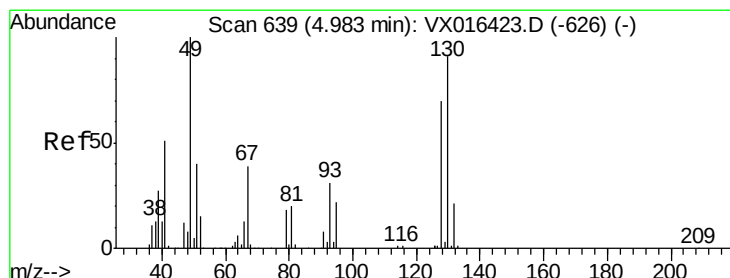
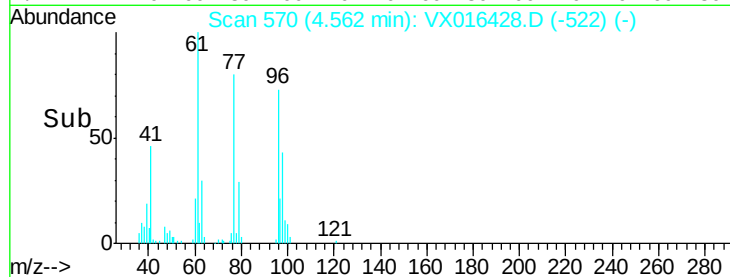
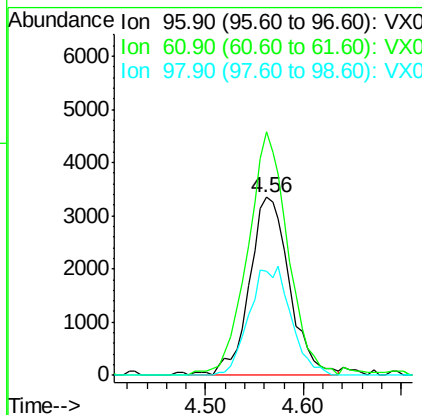
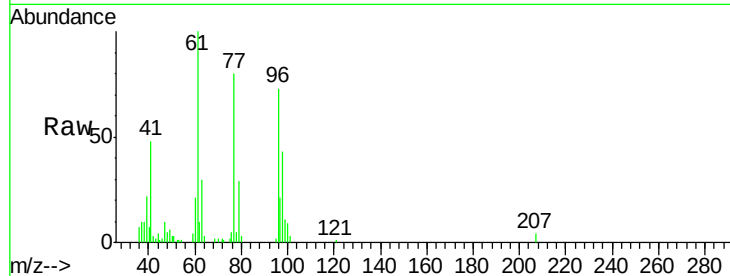
cis-1,2-Dichloroethene
Concen: 5.633 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.0	0.0	271.0
98	63.2	0.0	127.6

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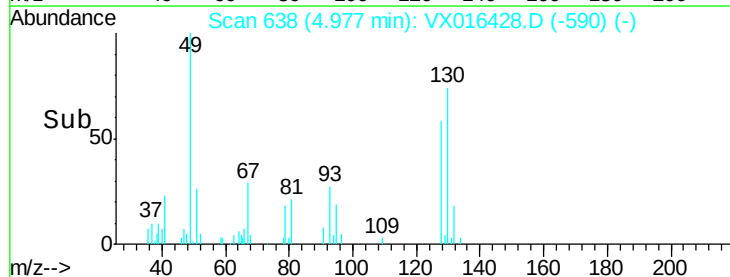
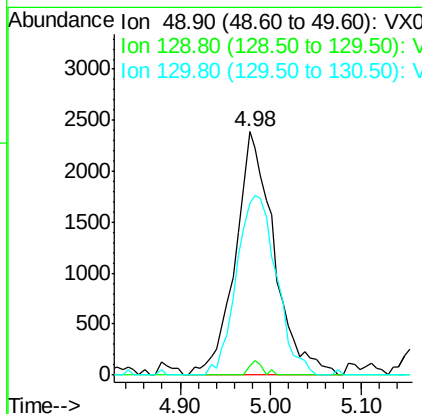
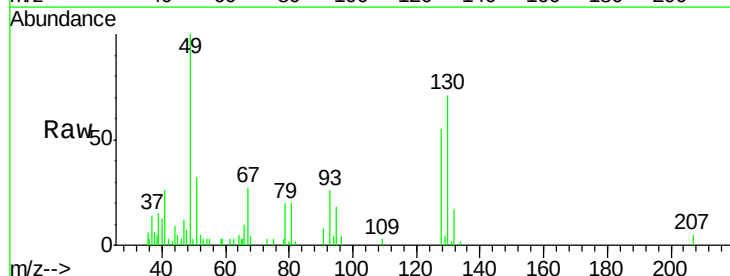
MMDadoda
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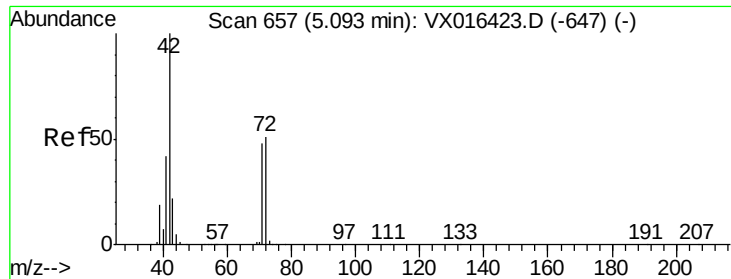


#28

Bromochloromethane
Concen: 5.801 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	75.4	71.2	106.8





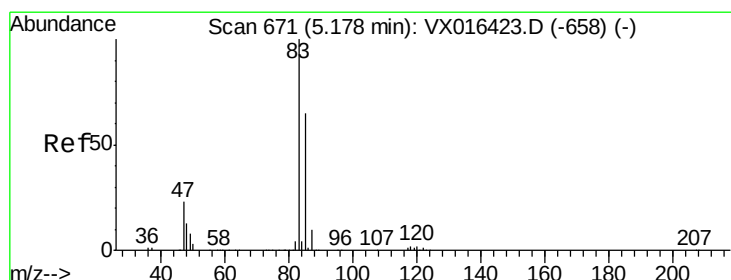
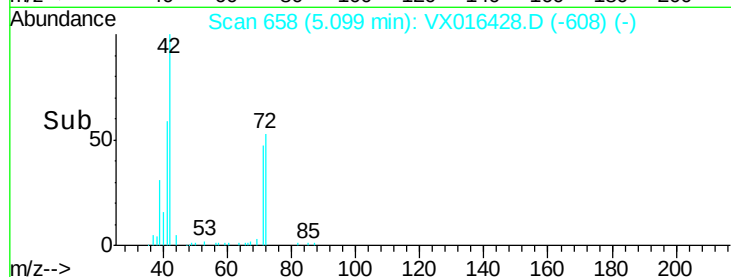
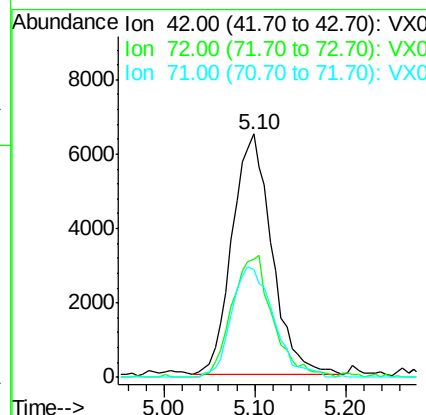
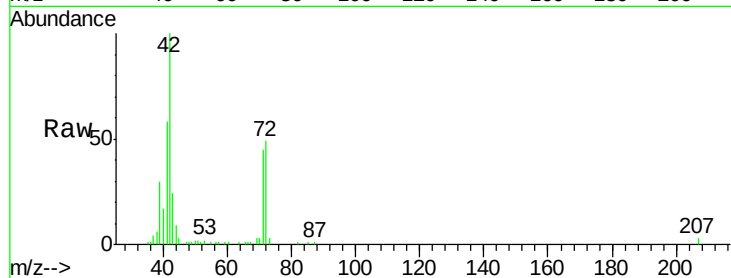
#29
Tetrahydrofuran
Concen: 23.748 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	40.2	60.4
71	49.2	37.7	56.5

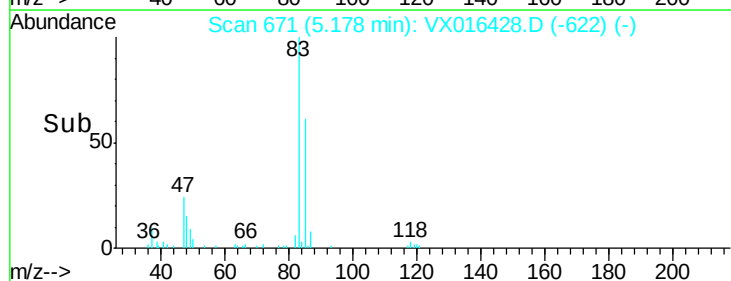
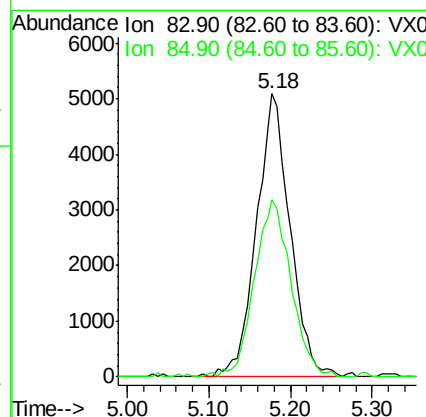
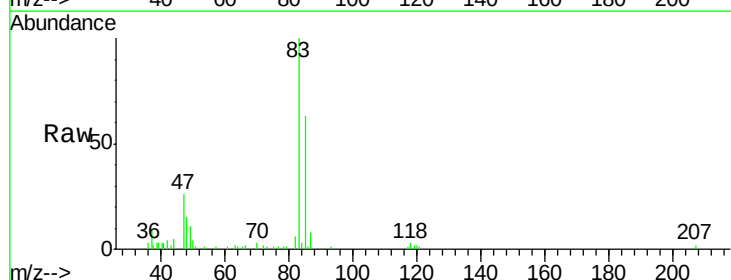
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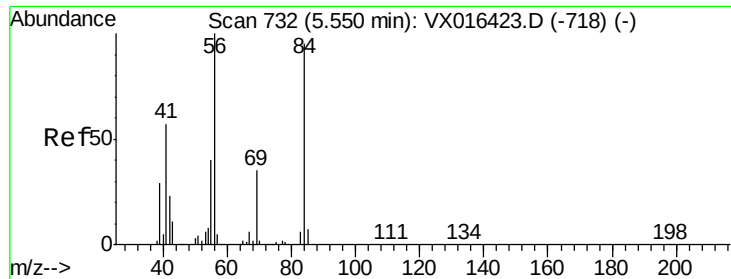
MMDadoda
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#30
Chloroform
Concen: 5.465 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	52.1	78.1





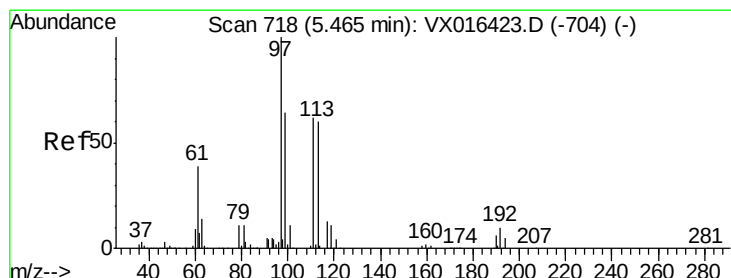
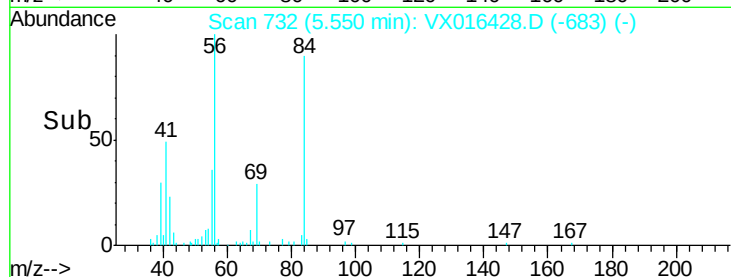
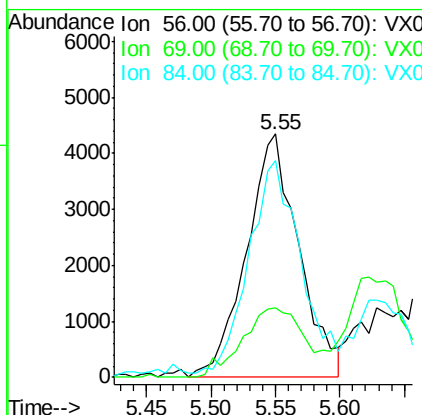
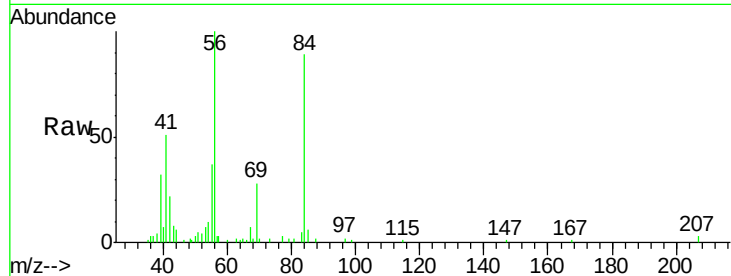
#31
Cyclohexane
Concen: 5.126 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		12212		
69	28.4			27.7	41.5
84	87.1			76.1	114.1

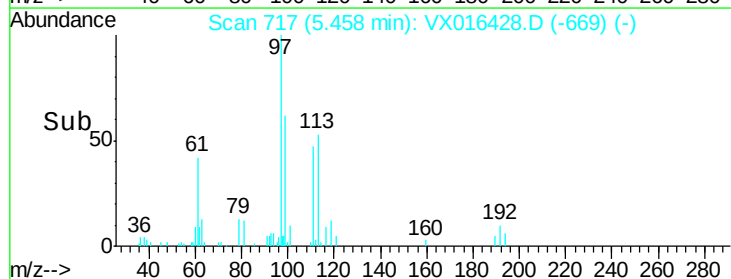
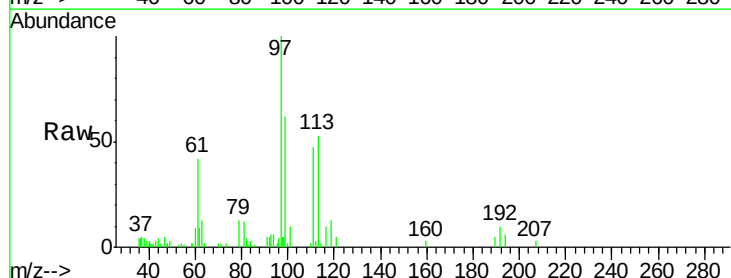
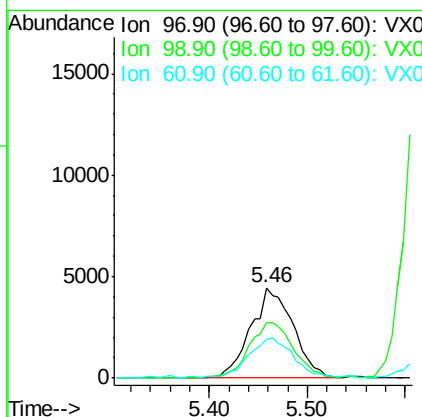
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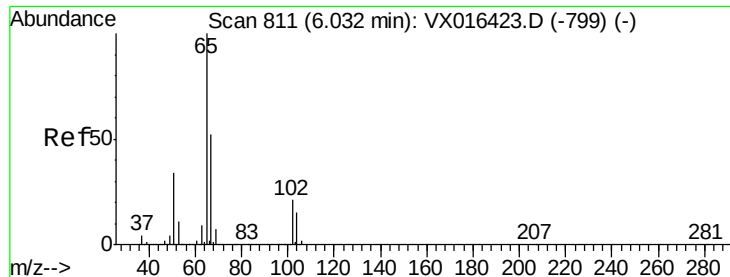
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#32
1,1,1-Trichloroethane
Concen: 5.443 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		13309		
99	64.8			51.1	76.7
61	47.9			33.1	49.7





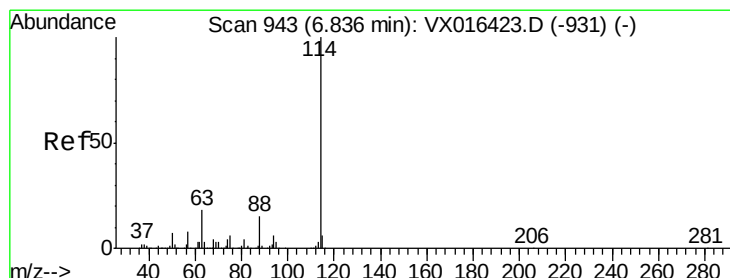
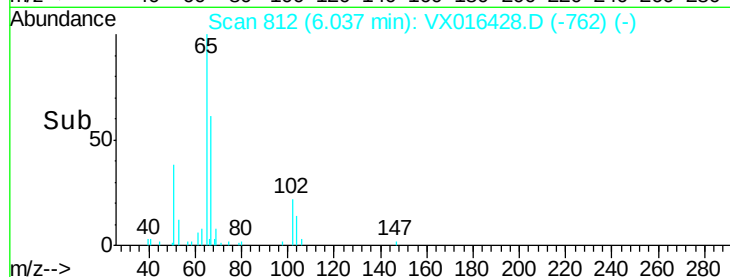
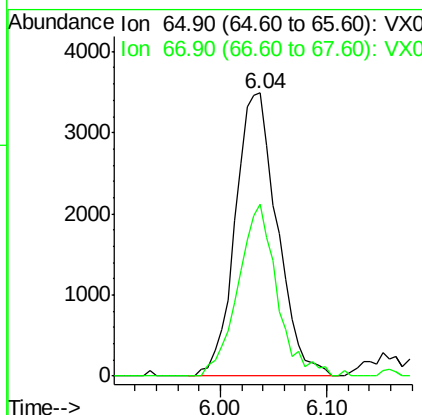
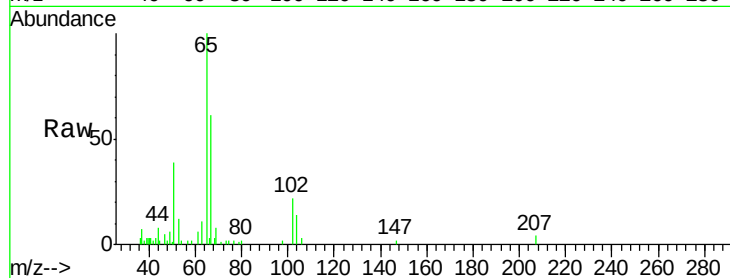
#33
 1,2-Dichloroethane-d4
 Concen: 5.438 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	56.1	0.0	104.2

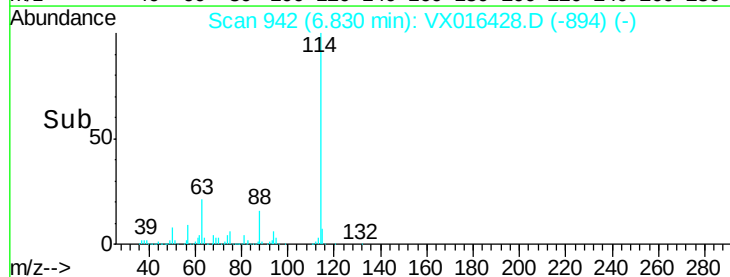
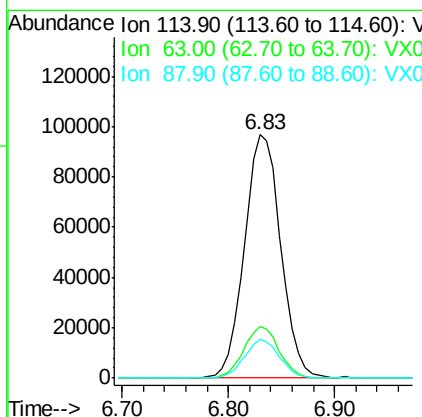
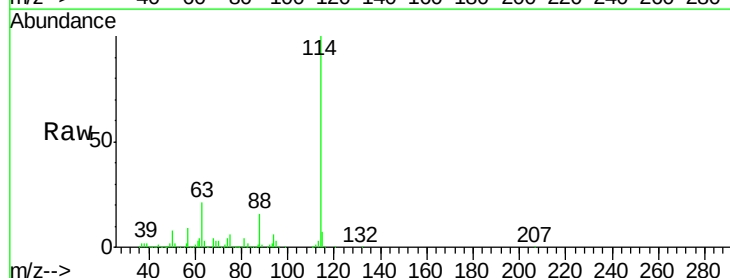
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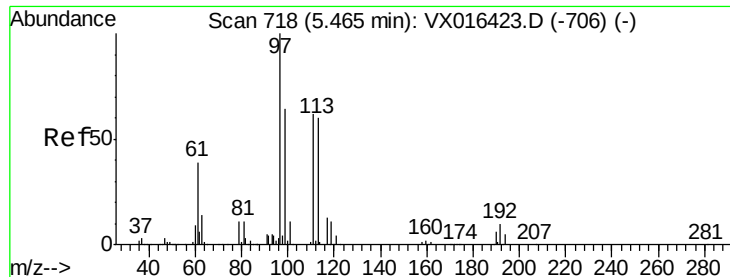
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	36.4
88	16.2	0.0	29.2





#35

Dibromofluoromethane

Concen: 5.264 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

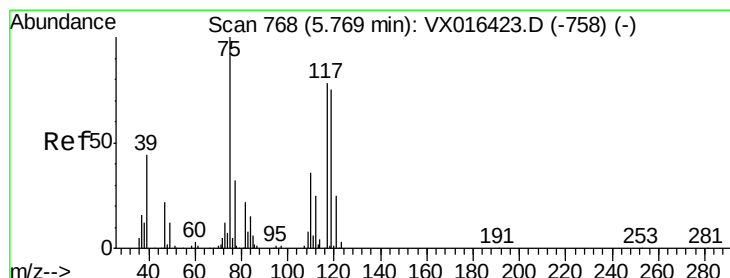
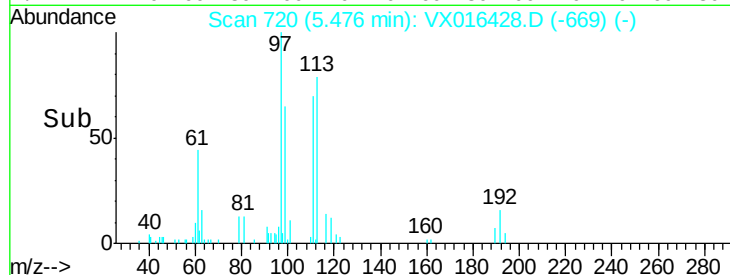
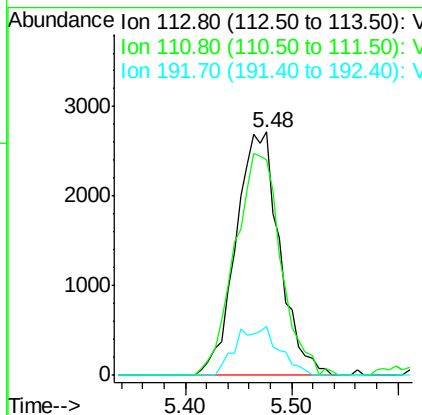
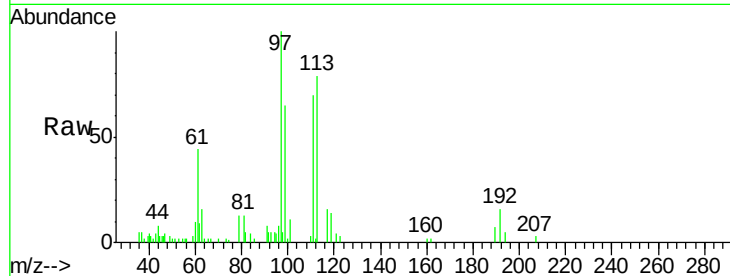
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	7812
Ion	Ratio	Lower	Upper
113	100		
111	96.4	82.5	123.7
192	19.7	16.5	24.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 4.871 ug/l

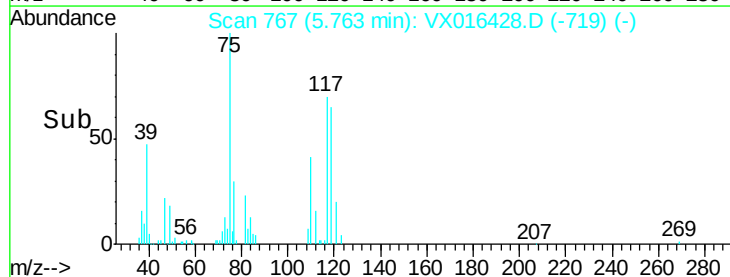
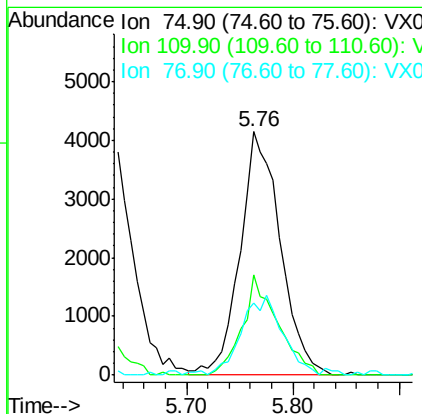
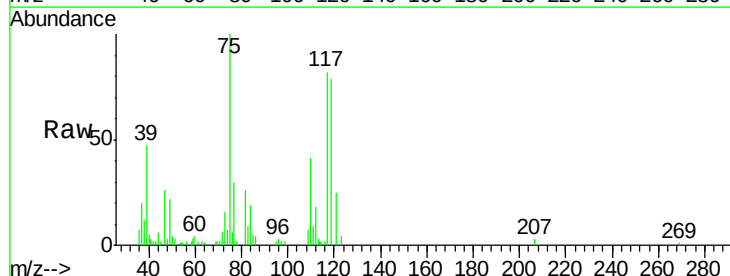
RT: 5.76 min Scan# 767

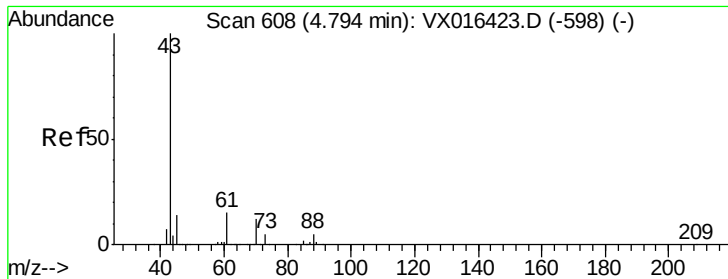
Delta R.T. -0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	75	Resp:	11030
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.7	56.1
77	33.0	24.9	37.3





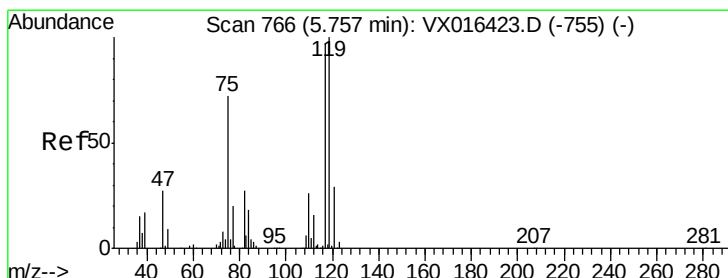
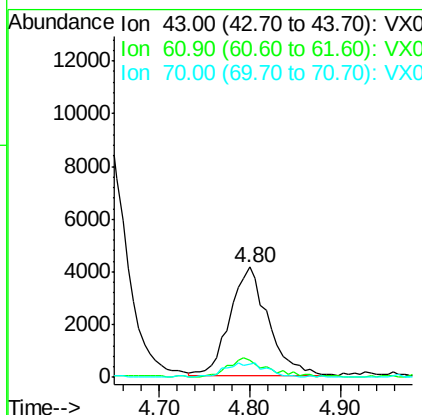
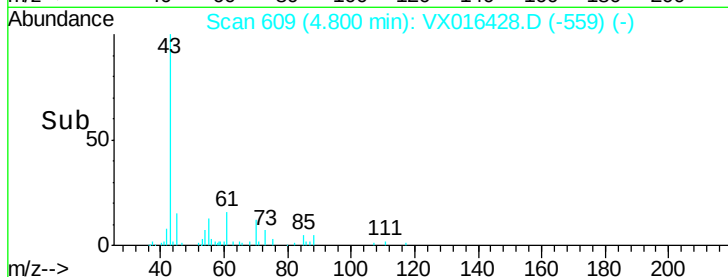
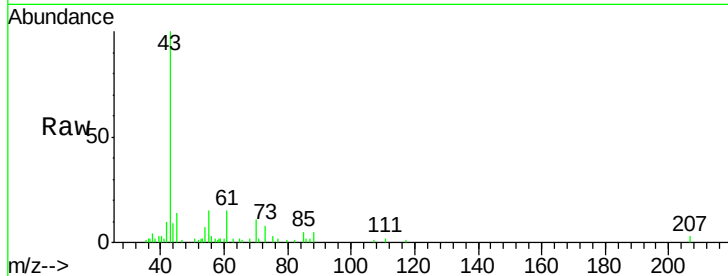
#37
Ethyl Acetate
Concen: 4.716 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	43	Resp:	12180
Ion	Ratio	Lower	Upper
43	100		
61	18.3	11.8	17.8#
70	14.4	9.6	14.4#

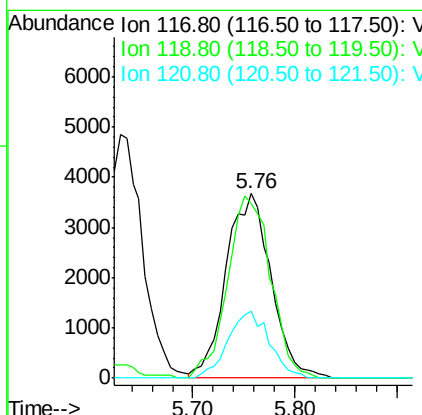
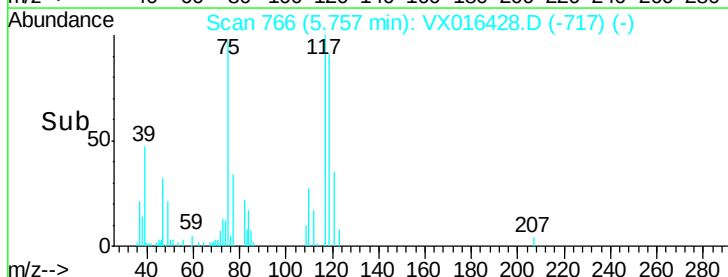
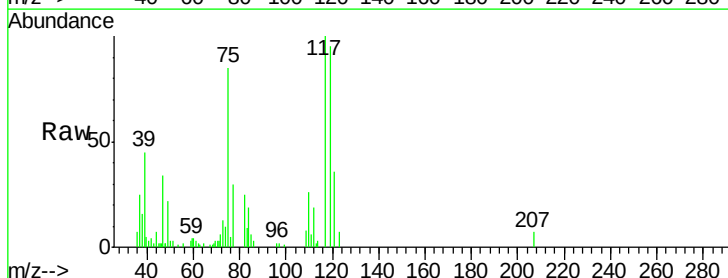
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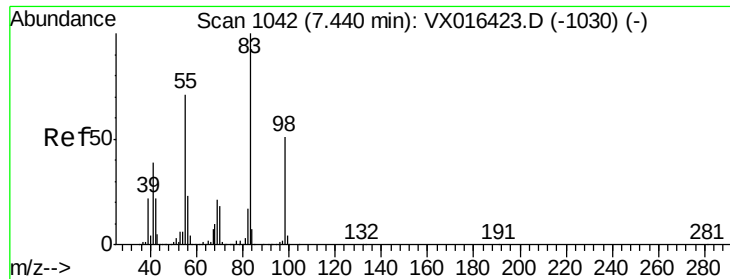
MMDadoda
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#38
Carbon Tetrachloride
Concen: 4.855 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion:	117	Resp:	11222
Ion	Ratio	Lower	Upper
117	100		
119	94.9	82.2	123.4
121	36.3	24.1	36.1#





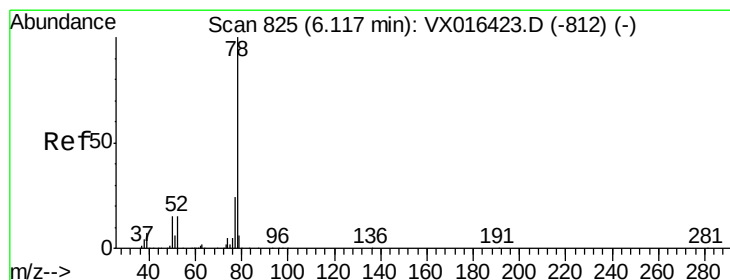
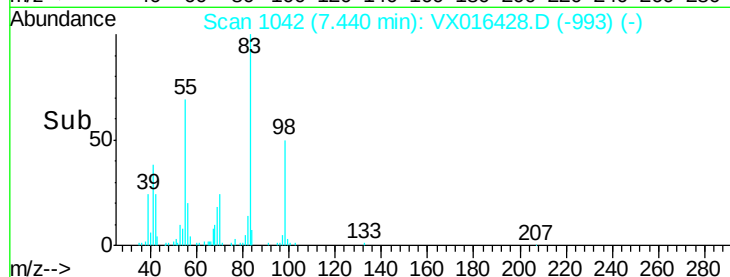
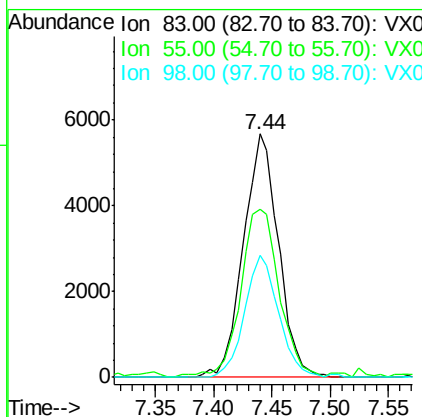
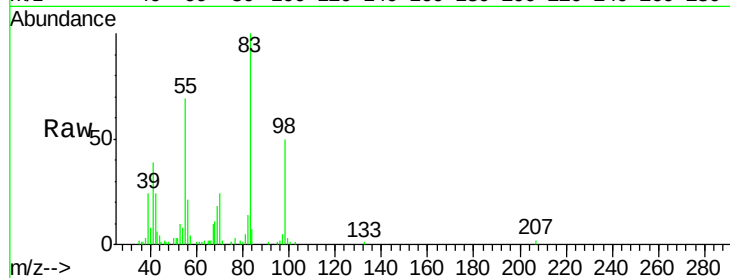
#39
Methylvlcyclohexane
Concen: 4.434 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	11884
Ion	Ratio	Lower	Upper
83	100		
55	67.8	56.8	85.2
98	50.1	40.6	61.0

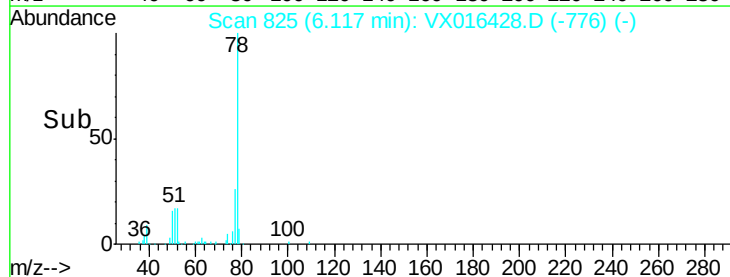
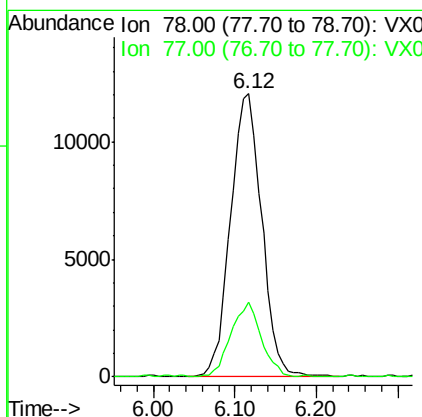
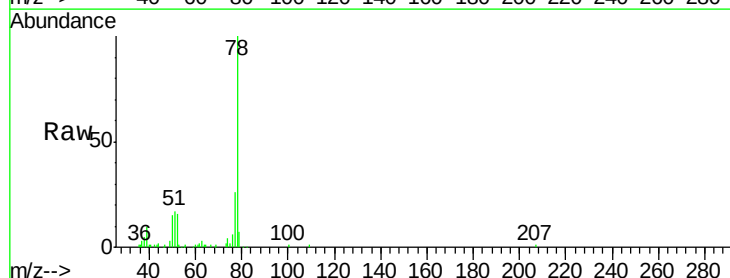
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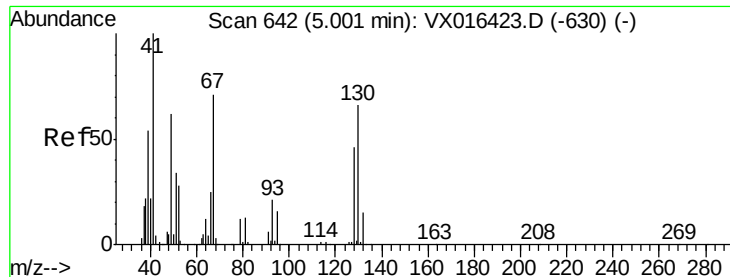
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#40
Benzene
Concen: 4.803 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	78	Resp	31867
Ion	Ratio	Lower	Upper
78	100		
77	26.2	18.9	28.3





#41

Methacrylonitrile

Concen: 4.673 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

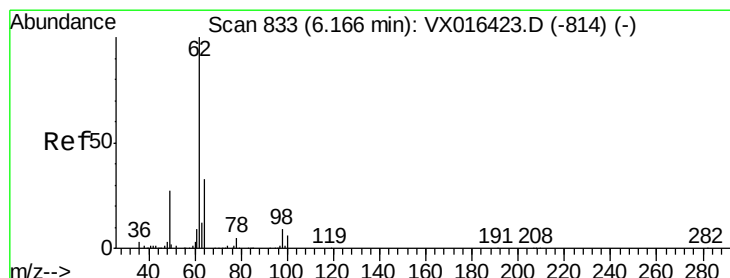
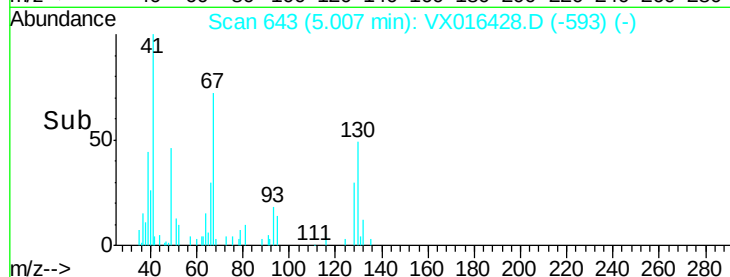
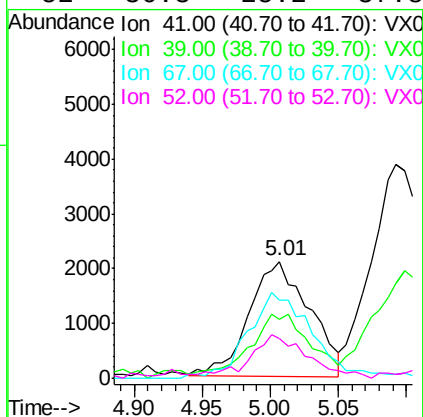
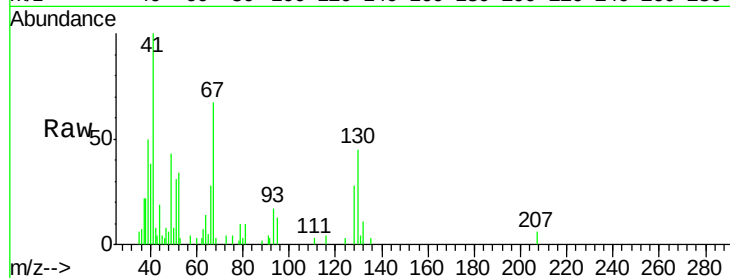
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	49.0	44.4	66.6
67	78.8	62.2	93.4
52	36.3	25.2	37.8

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.200 ug/l

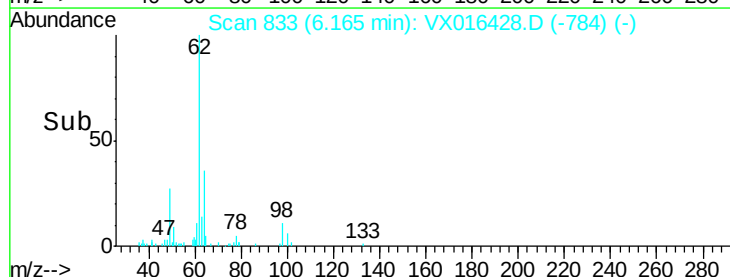
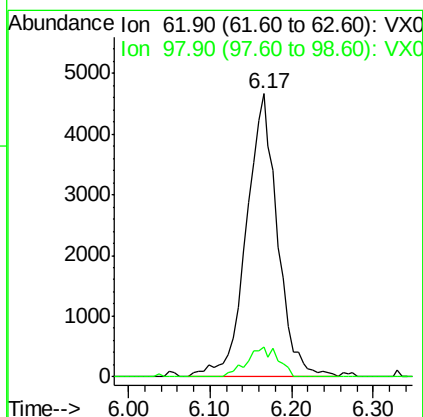
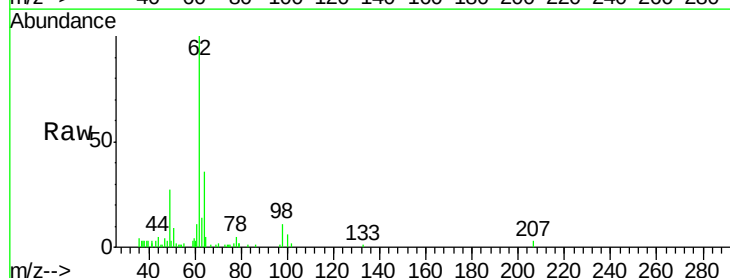
RT: 6.17 min Scan# 833

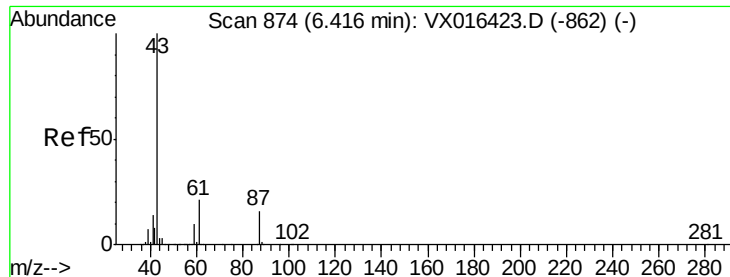
Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.4





#43

Isopropyl Acetate

Concen: 4.633 ug/l

RT: 6.42 min Scan# 875

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

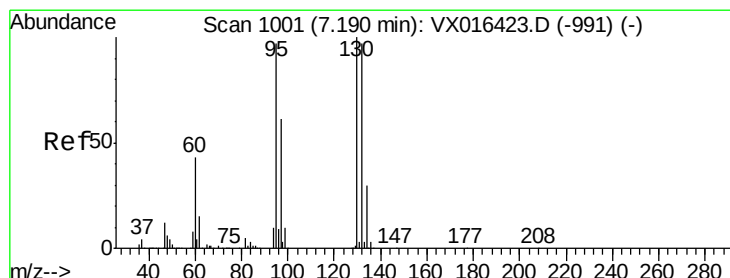
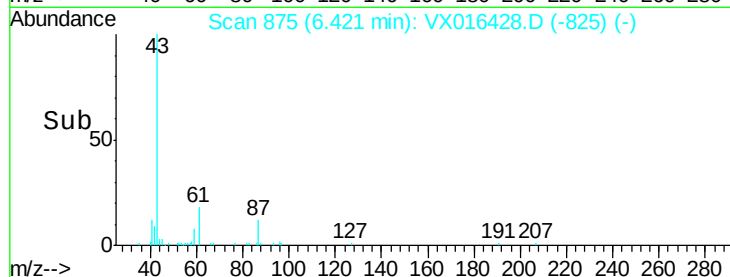
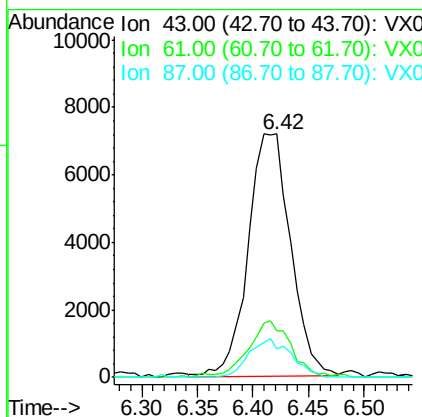
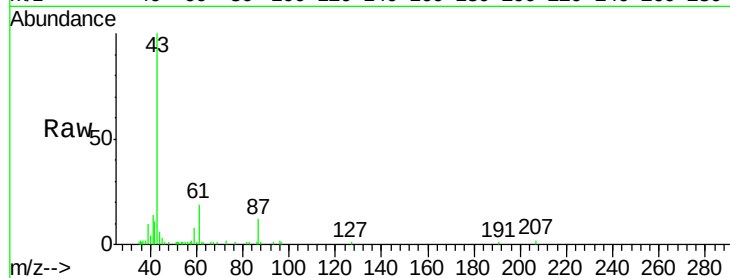
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	19148
Ion	Ratio	Lower	Upper
43	100		
61	23.8	17.2	25.8
87	15.9	12.3	18.5

Manual Integrations
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#44

Trichloroethene

Concen: 4.498 ug/l

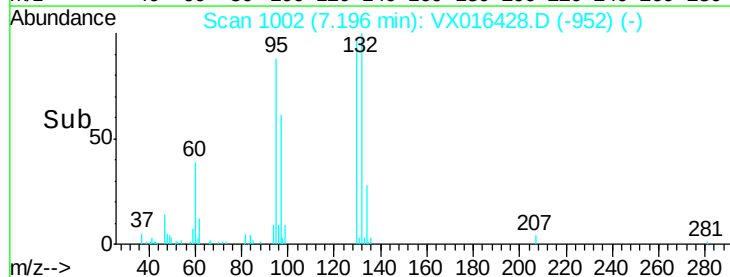
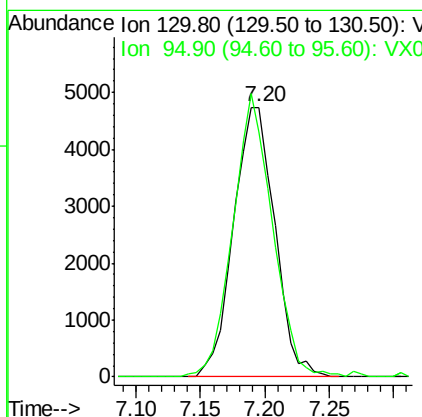
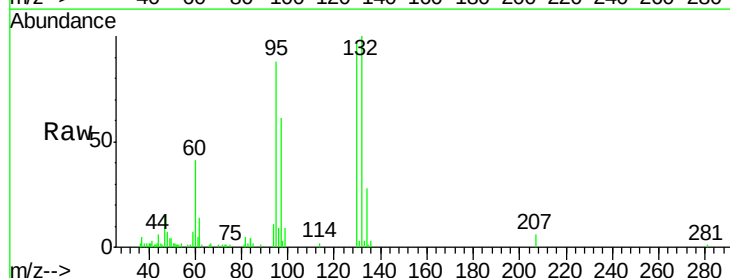
RT: 7.20 min Scan# 1002

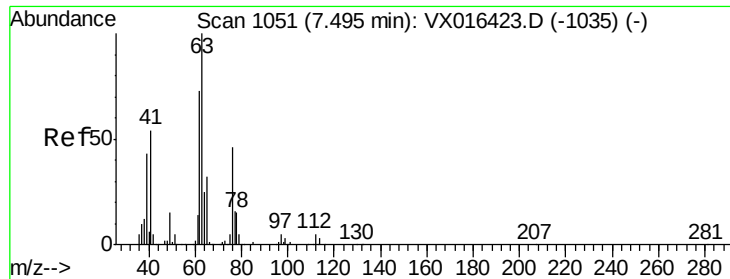
Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	130	Resp:	10545
Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	194.0





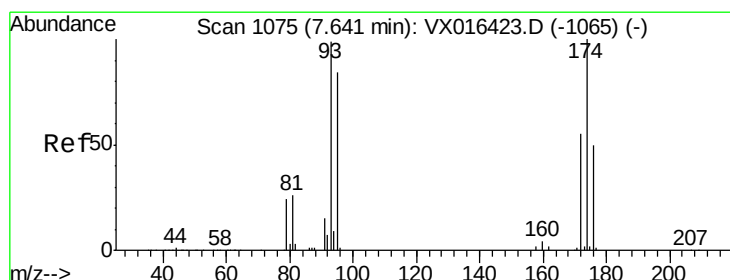
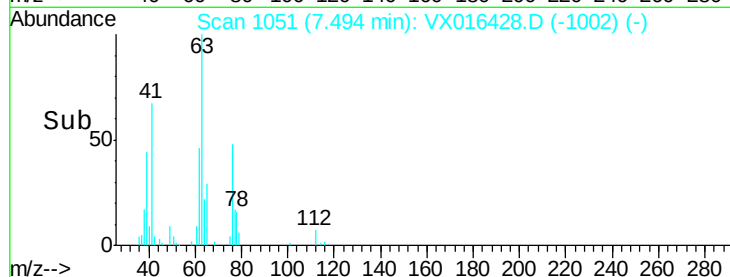
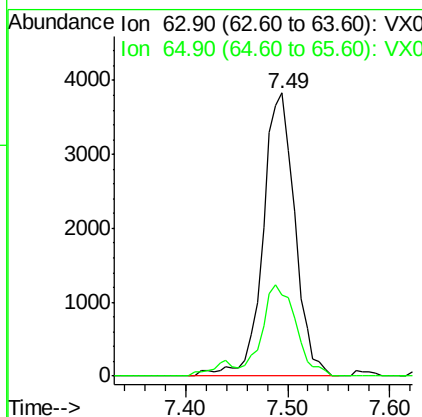
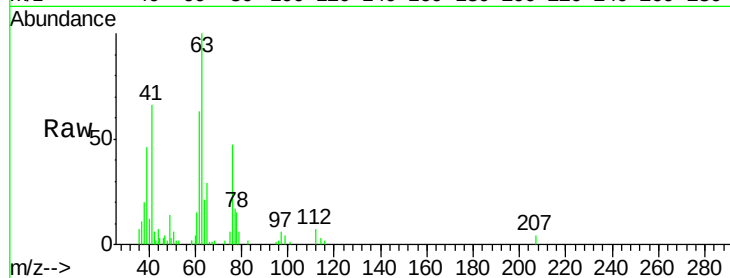
#45
 1,2-Dichloropropane
 Concen: 4.981 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.7	25.3	37.9

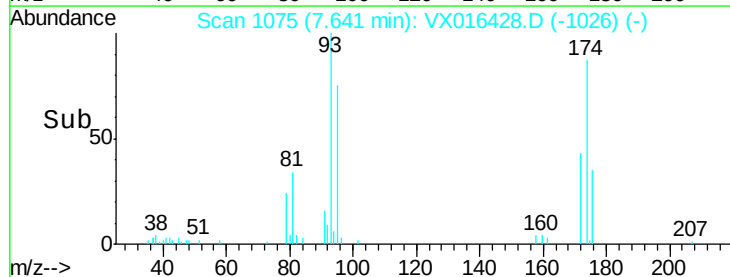
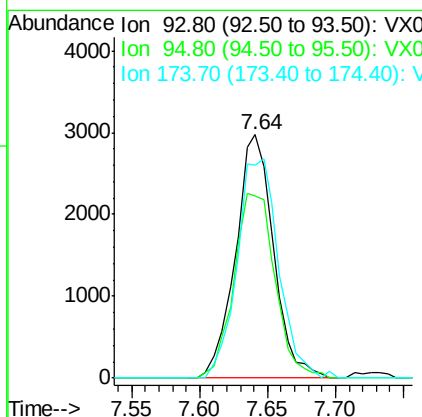
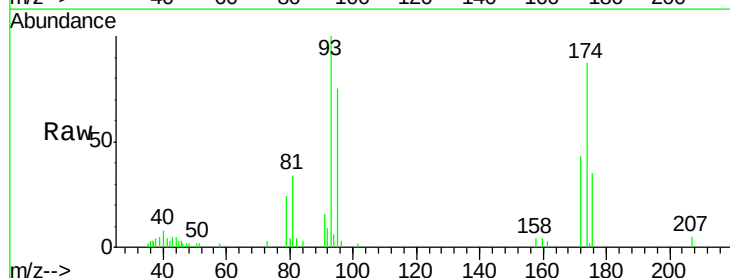
Manual Integrations
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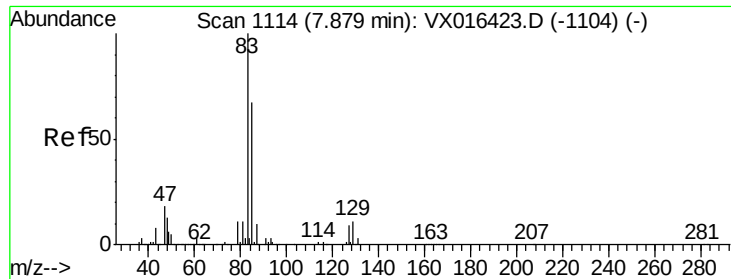
MMDadoda
 5/27/2020 12:27:47 PM



#46
 Dibromomethane
 Concen: 5.036 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	65.0	97.4
174	98.5	81.4	122.0





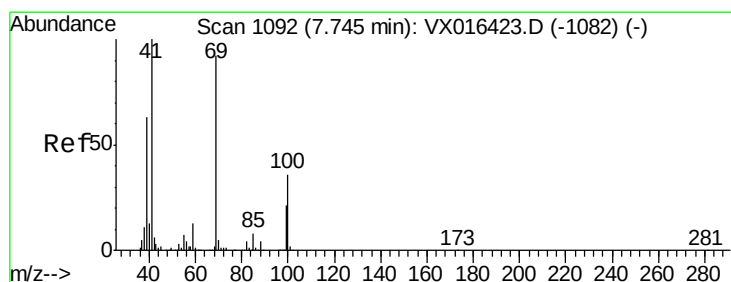
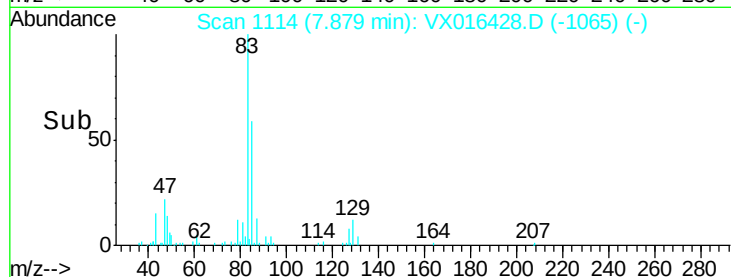
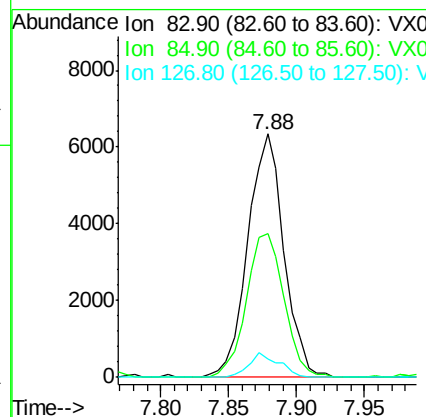
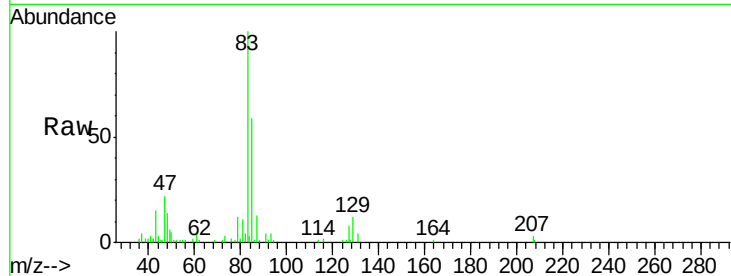
#47
Bromodichloromethane
Concen: 5.075 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	83	Resp	11809
Ion Ratio	100	Lower	Upper
83	100		
85	58.9	53.8	80.8
127	7.6	7.4	11.2

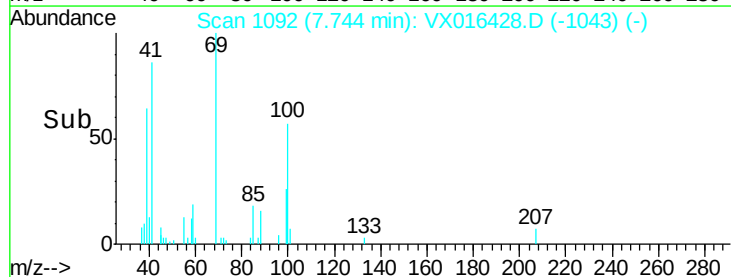
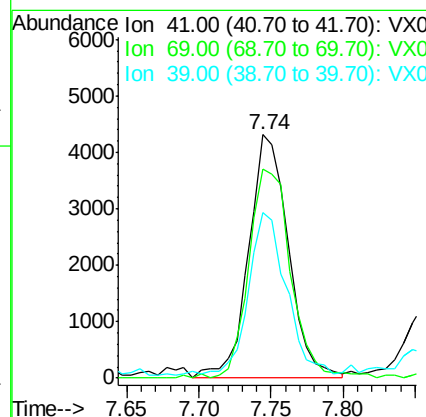
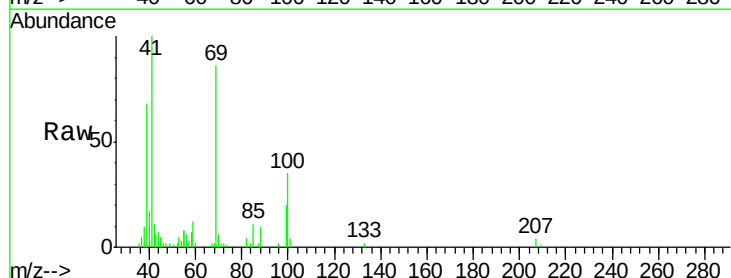
Manual Integrations
APPROVED

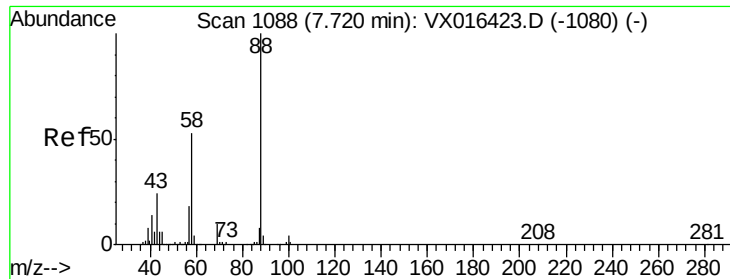
MMDadoda
5/27/2020 12:27:47 PM



#48
Methyl methacrylate
Concen: 4.230 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	41	Resp	8238
Ion Ratio	100	Lower	Upper
41	100		
69	91.3	71.8	107.8
39	62.9	48.6	73.0





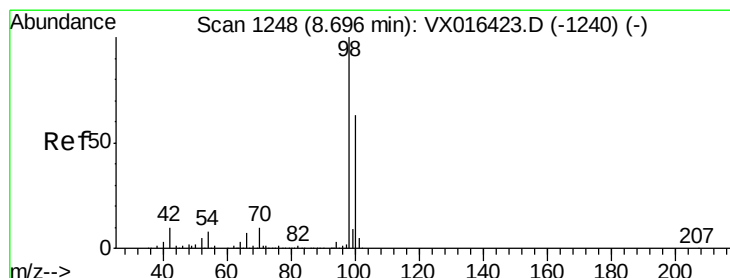
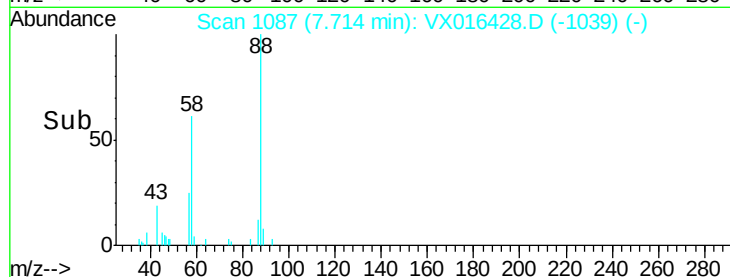
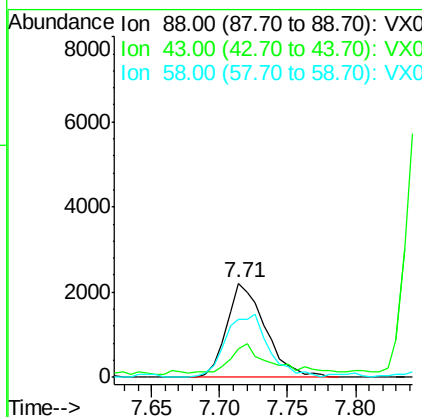
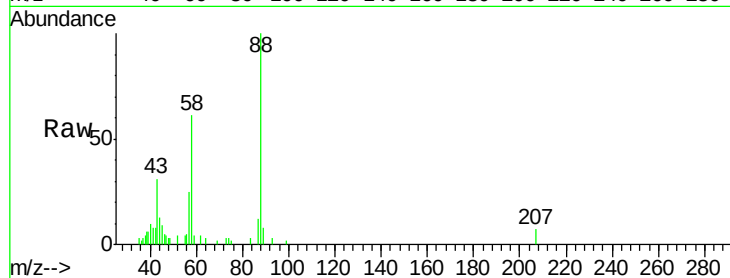
#49
1,4-Dioxane
Concen: 91.487 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.0	34.6
58	74.3	51.7	77.5

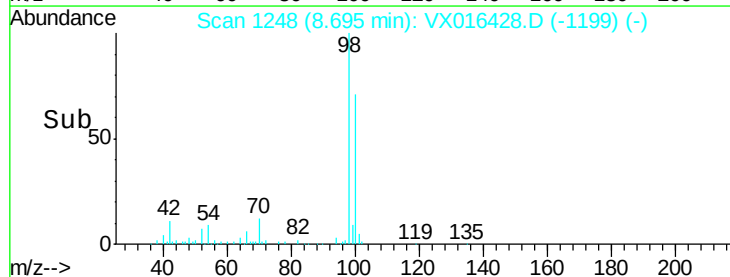
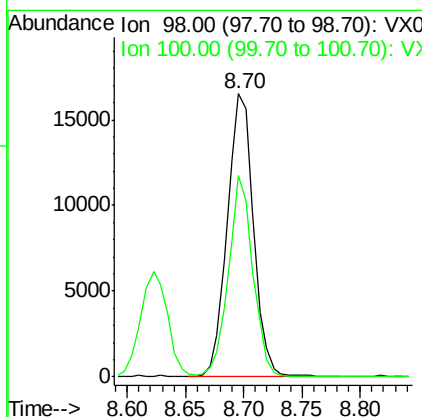
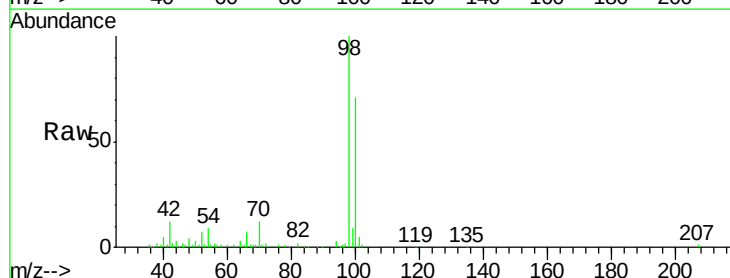
Manual Integrations
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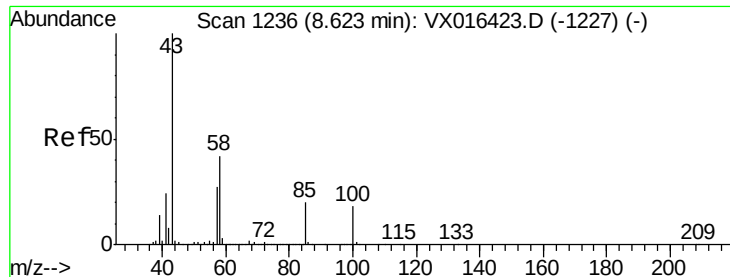
MMDadoda
5/27/2020 12:27:47 PM



#50
Toluene-d8
Concen: 4.547 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 23.038 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 58332

Ion Ratio Lower Upper

43 100

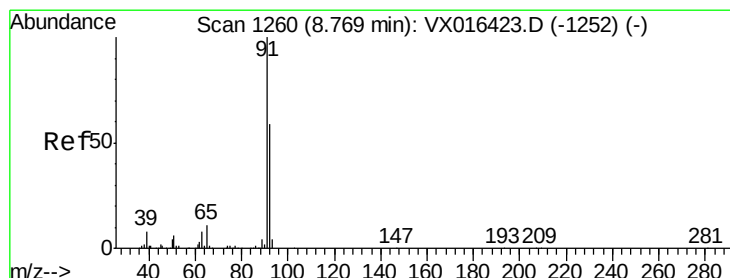
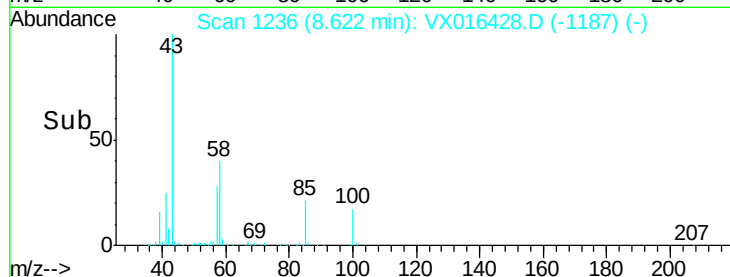
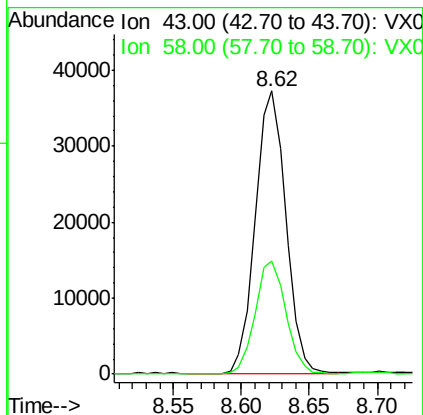
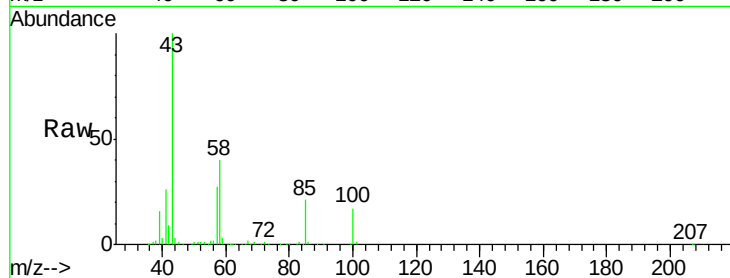
58 40.5 33.8 50.6

Manual Integrations

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MMDadoda

5/27/2020 12:27:47 PM



#52

Toluene

Concen: 4.663 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016428.D

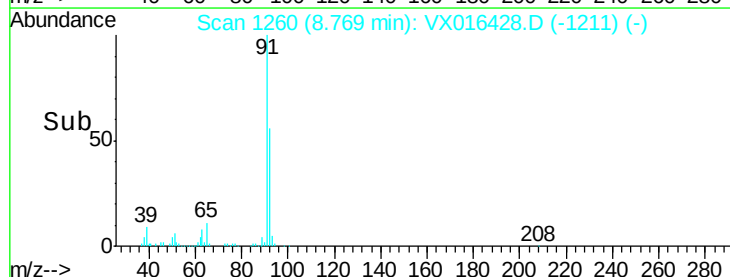
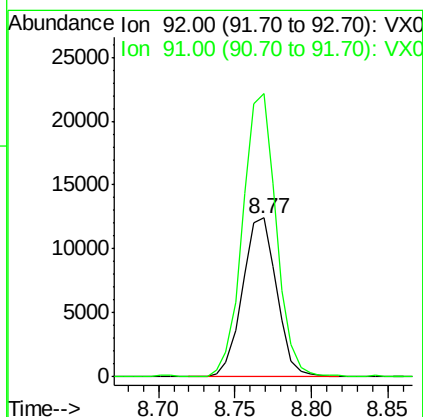
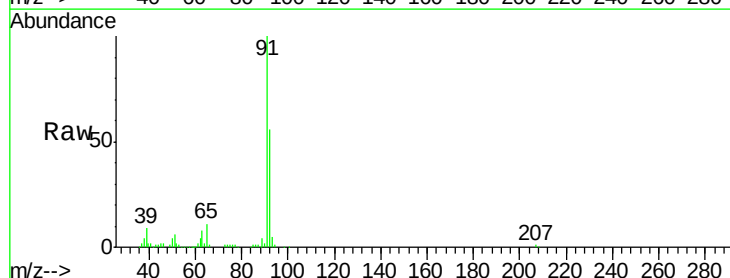
Acq: 26 May 2020 15:54

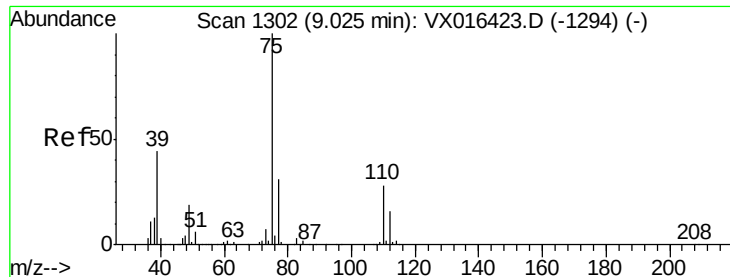
Tgt Ion: 92 Resp: 19366

Ion Ratio Lower Upper

92 100

91 174.2 135.7 203.5





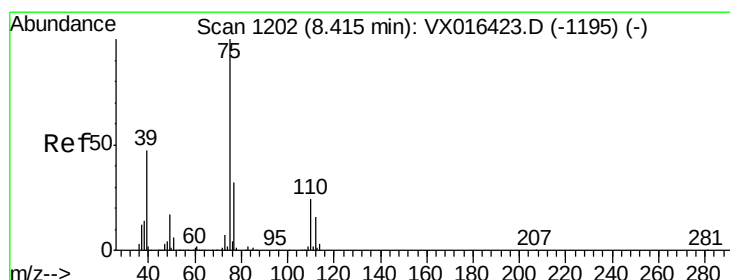
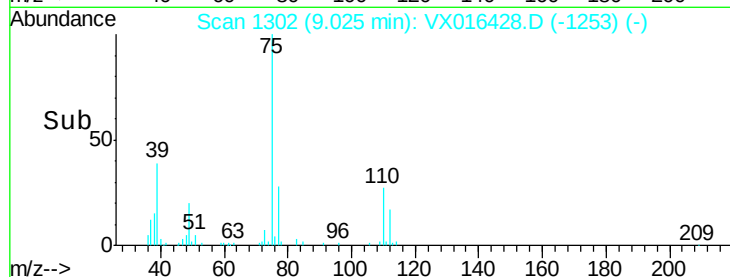
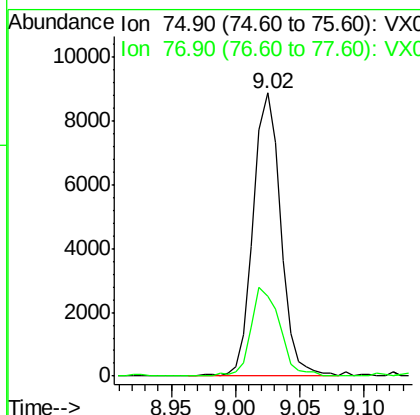
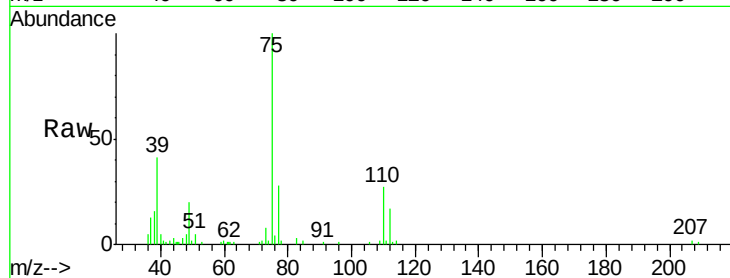
#53
t-1,3-Dichloropropene
Concen: 4.743 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 75 Resp: 13116
Ion Ratio Lower Upper
75 100
77 28.2 25.0 37.4

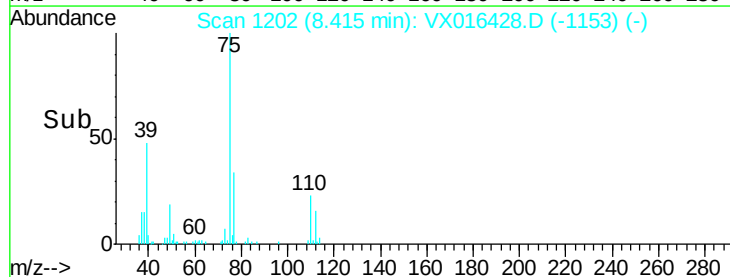
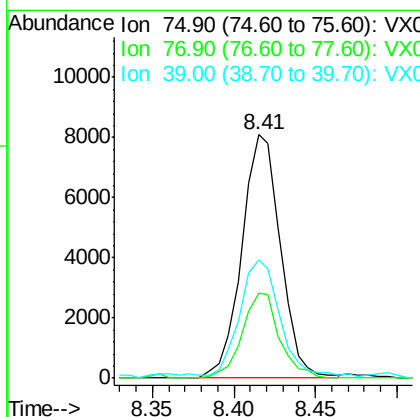
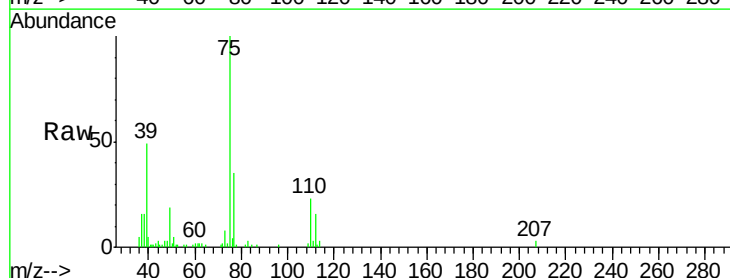
Manual Integrations
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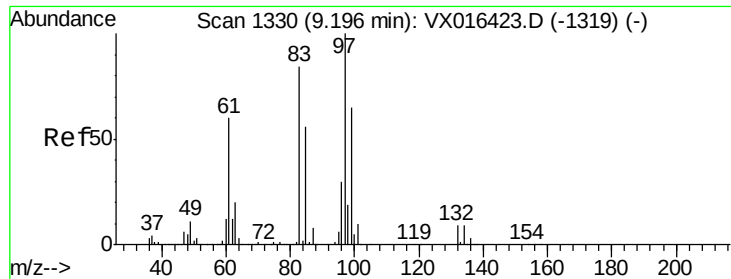
MMDadoda
5/27/2020 12:27:47 PM



#54
cis-1,3-Dichloropropene
Concen: 4.660 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion: 75 Resp: 13406
Ion Ratio Lower Upper
75 100
77 35.0 25.4 38.0
39 47.2 37.7 56.5





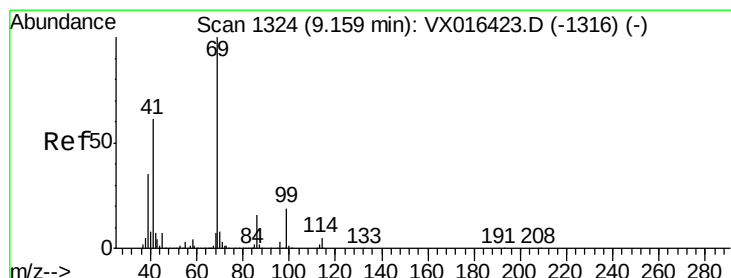
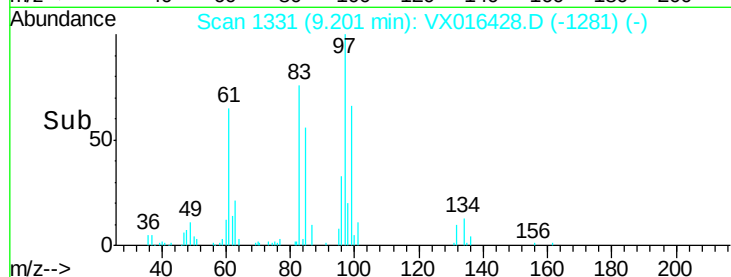
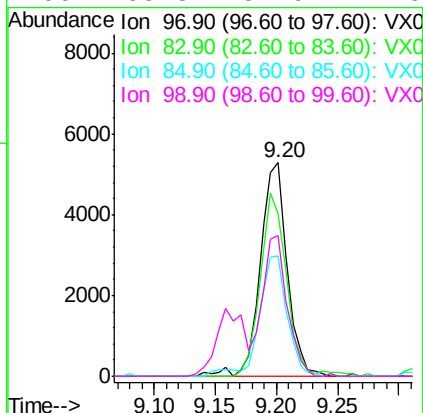
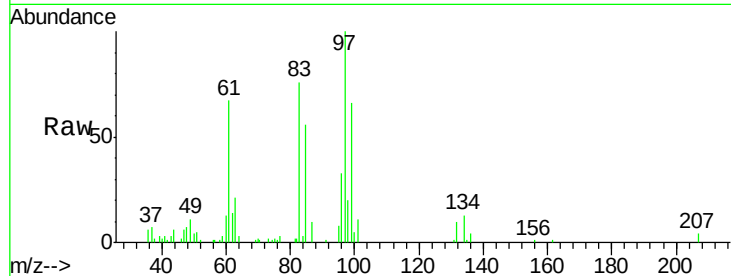
#55
 1,1,2-Trichloroethane
 Concen: 4.958 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	8136
Ion	Ratio	Lower	Upper
97	100		
83	76.2	66.9	100.3
85	56.3	45.2	67.8
99	65.8	51.9	77.9

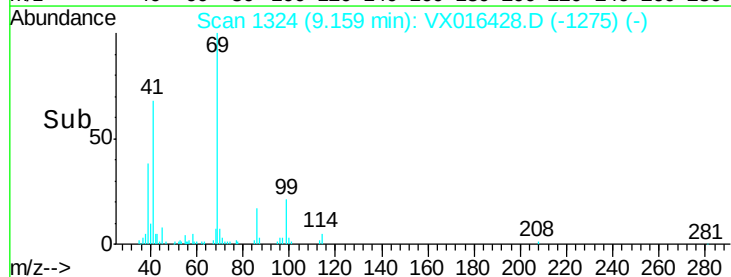
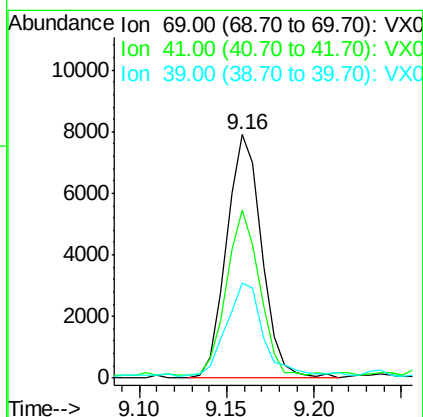
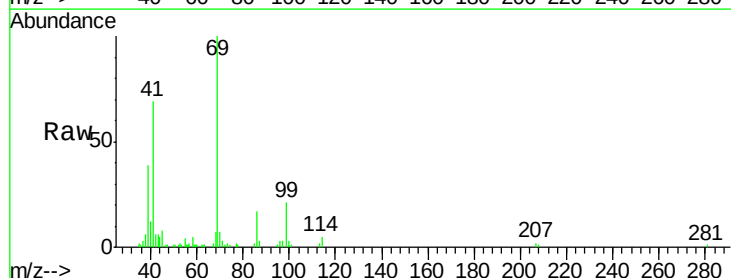
Manual Integrations
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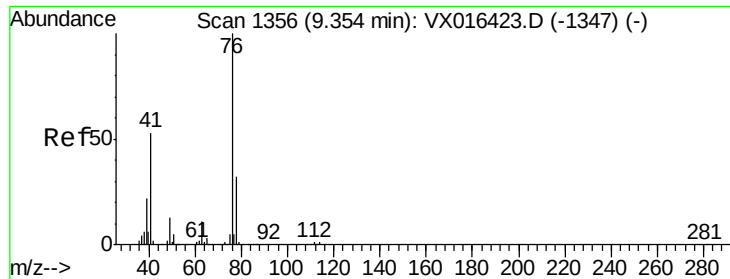
MMDadoda
 5/27/2020 12:27:47 PM



#56
 Ethyl methacrylate
 Concen: 4.209 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion:	69	Resp:	11101
Ion	Ratio	Lower	Upper
69	100		
41	62.8	47.9	71.9
39	41.1	28.7	43.1





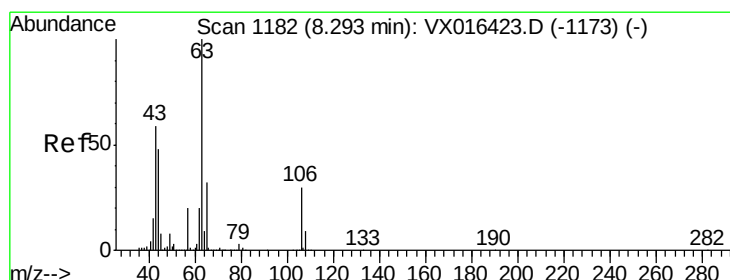
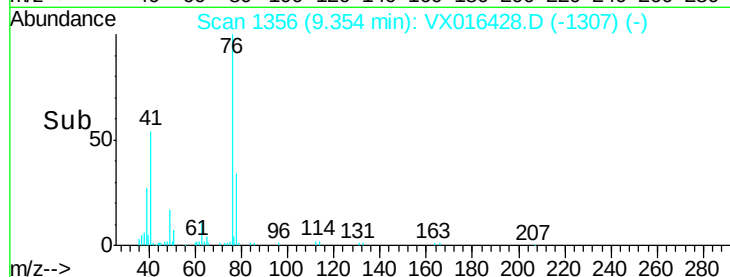
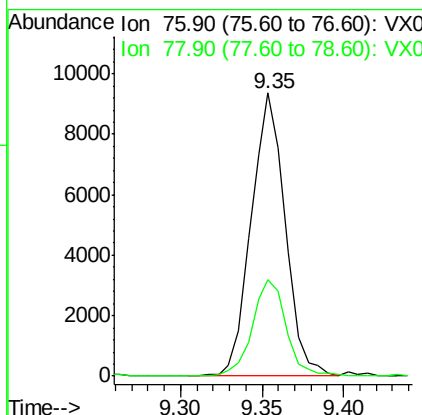
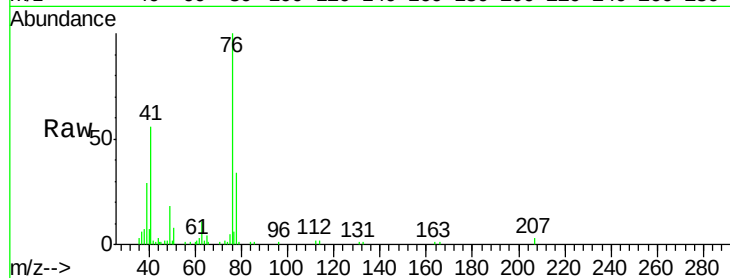
#57
 1,3-Dichloropropane
 Concen: 4.764 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.9	26.1	39.1

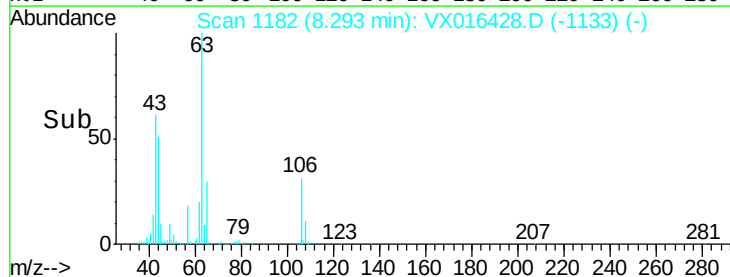
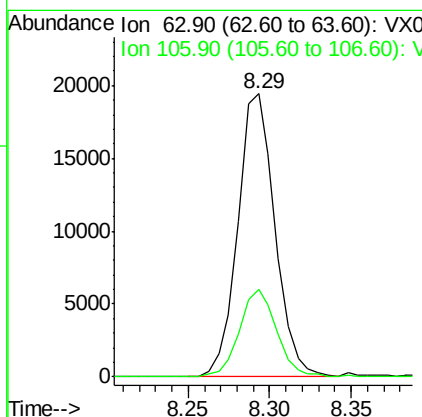
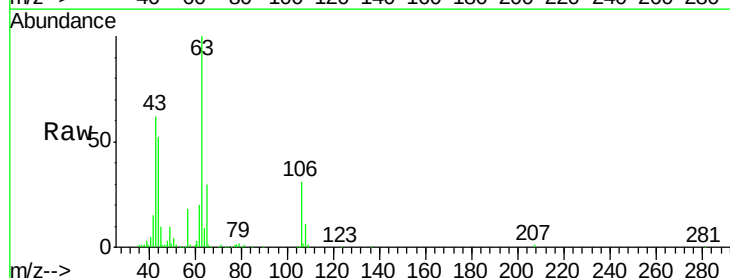
Manual Integrations
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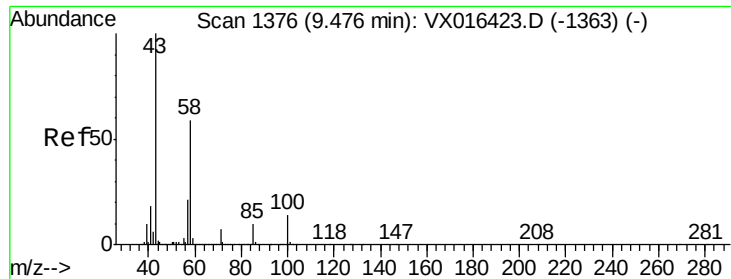
MMDadoda
 5/27/2020 12:27:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 22.043 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.6	36.8





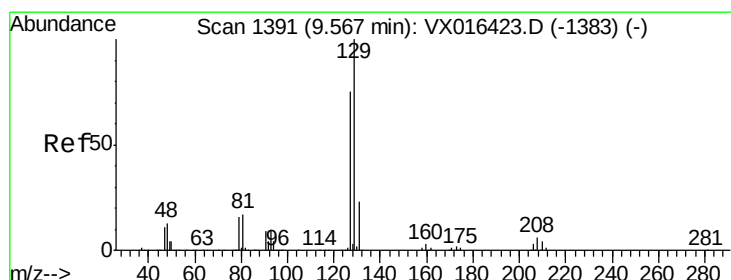
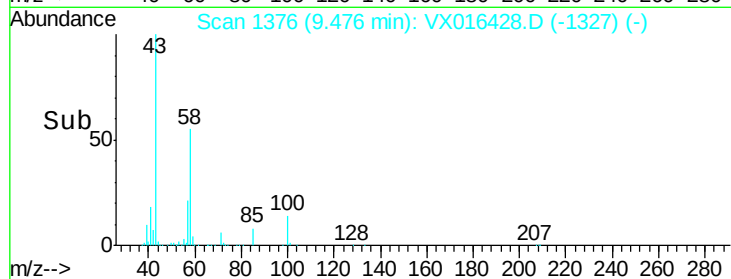
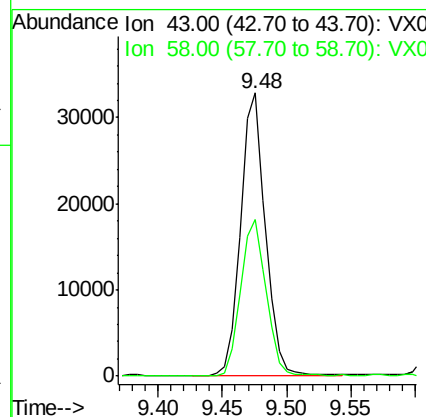
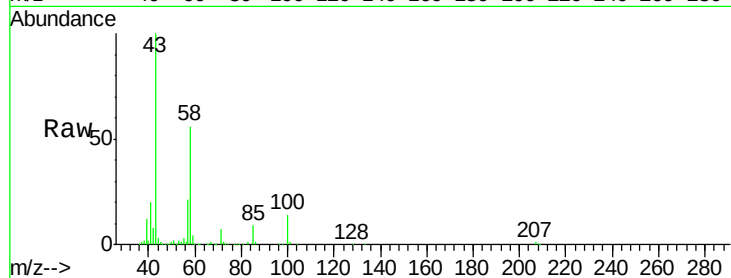
#59
2-Hexanone
Concen: 21.926 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.7	29.1	87.3

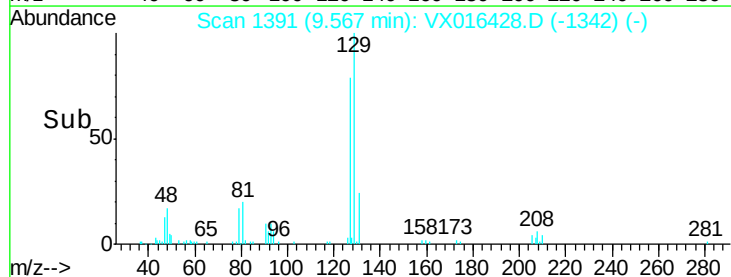
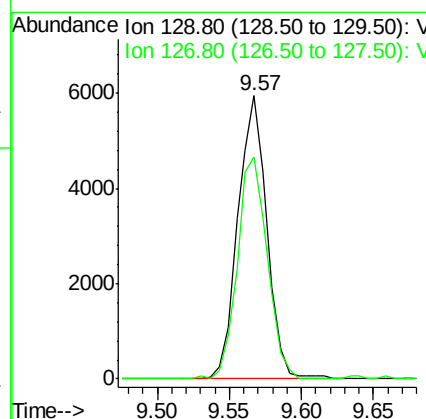
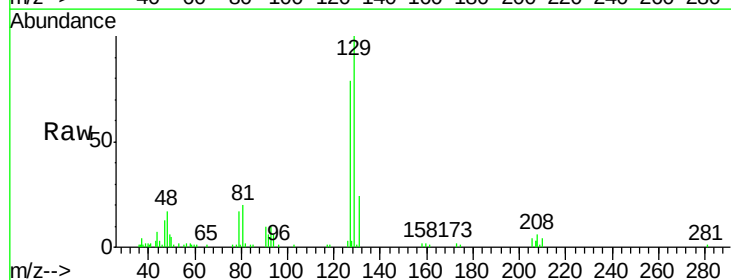
Manual Integrations
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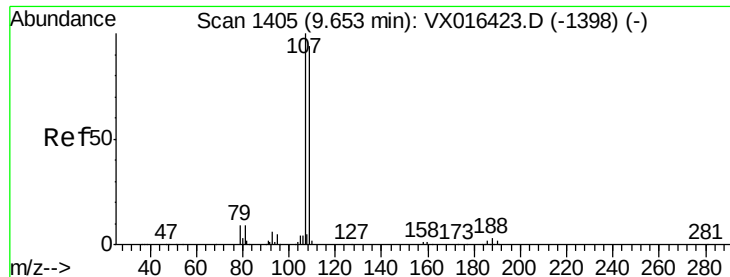
MMDadoda
5/27/2020 12:27:47 PM



#60
Dibromochloromethane
Concen: 4.572 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
129	100		
127	81.2	38.6	115.8





#61

1,2-Dibromoethane

Concen: 4.839 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 8626

Ion Ratio Lower Upper

107 100

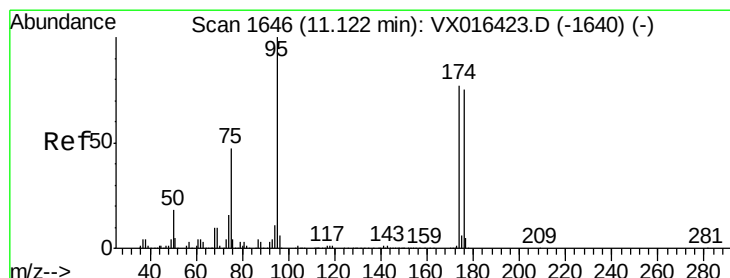
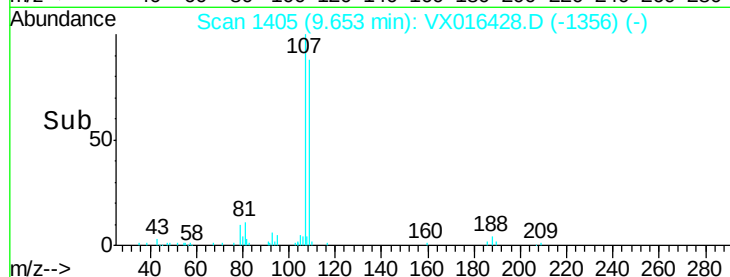
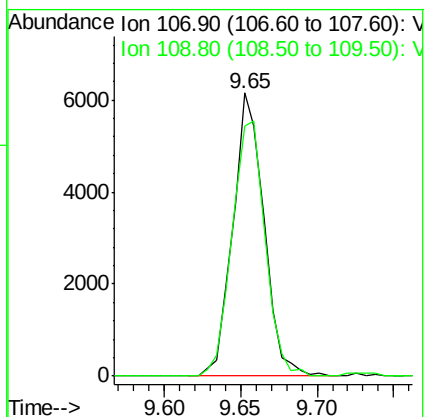
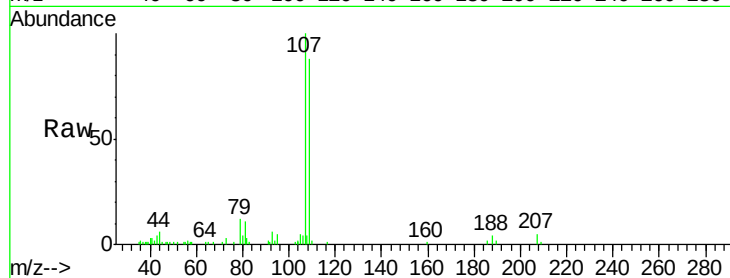
109 95.9 75.0 112.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 4.373 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

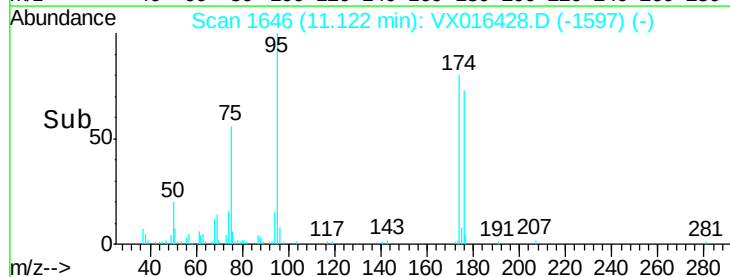
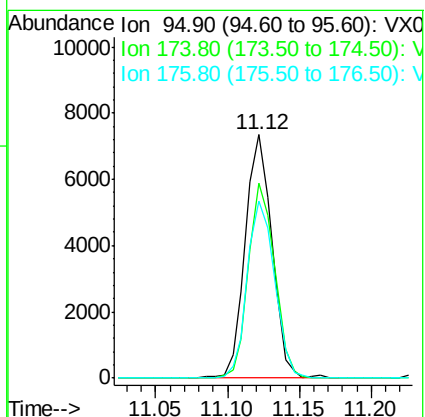
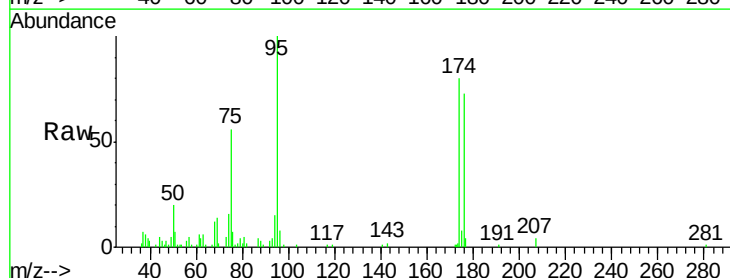
Tgt Ion: 95 Resp: 9435

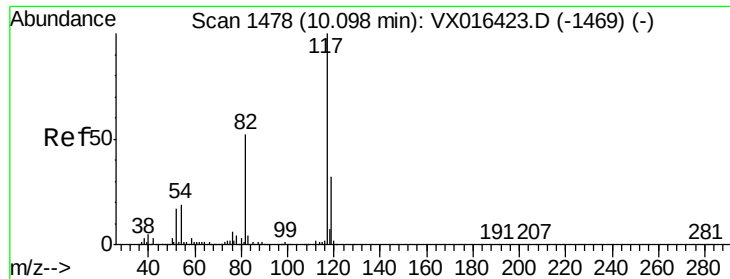
Ion Ratio Lower Upper

95 100

174 78.5 0.0 162.6

176 74.1 0.0 158.2





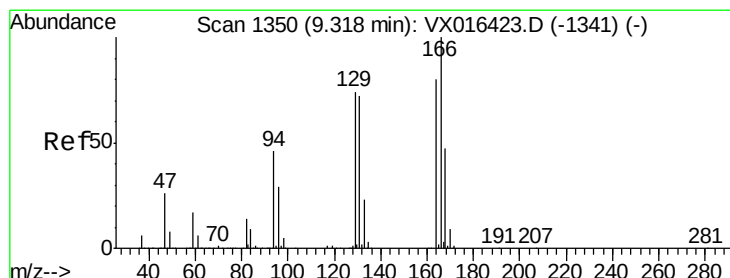
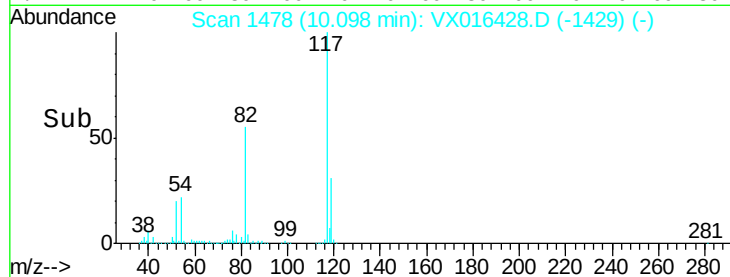
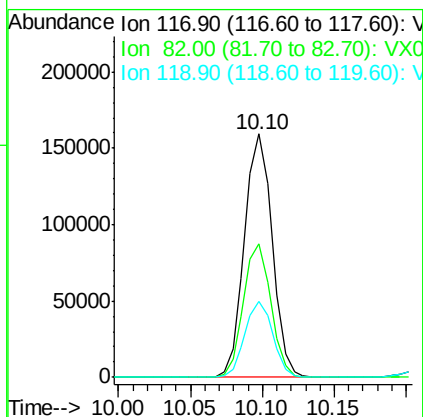
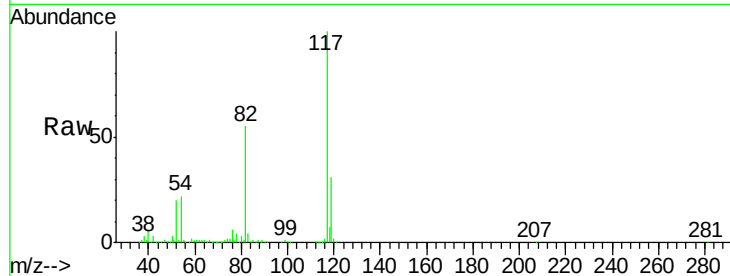
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	213423		
82	55.0		41.8	62.6
119	31.4		25.7	38.5

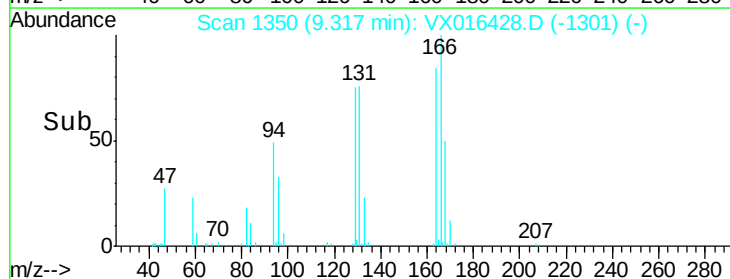
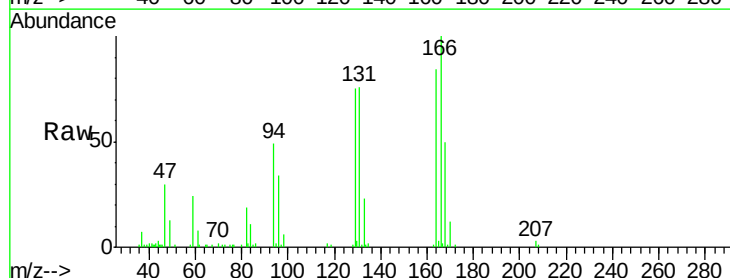
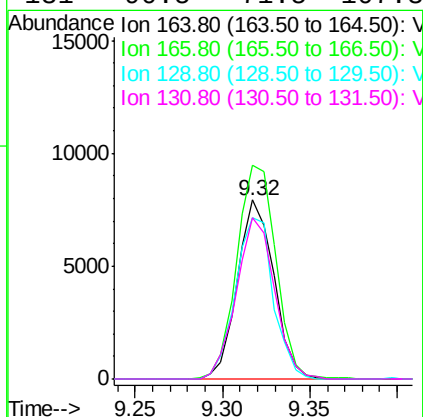
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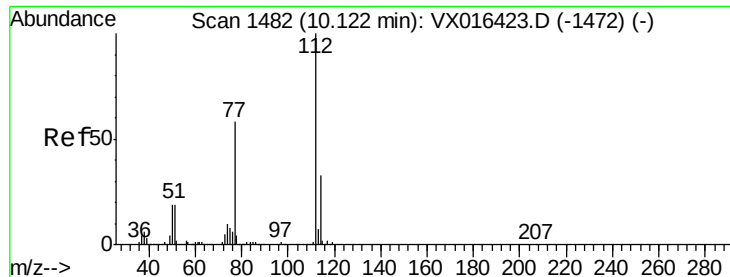
MMDadoda
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#64
Tetrachloroethene
Concen: 4.460 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11537		
166	119.6		99.5	149.3
129	90.2		73.4	110.0
131	90.5		71.5	107.3





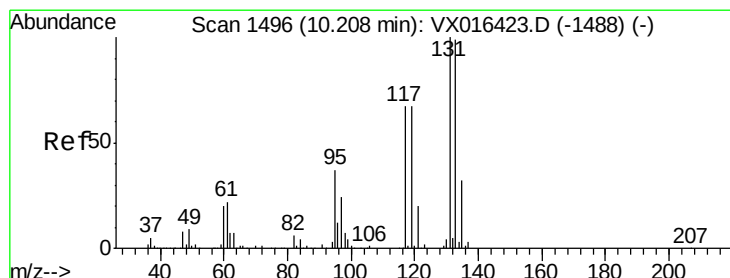
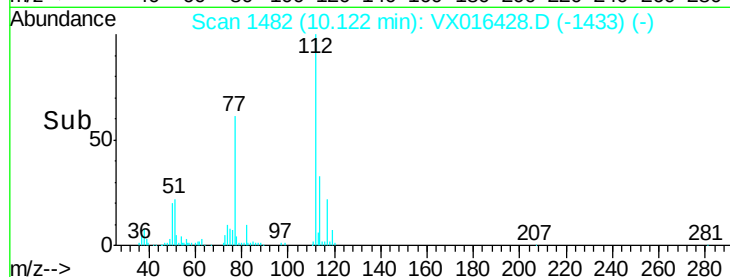
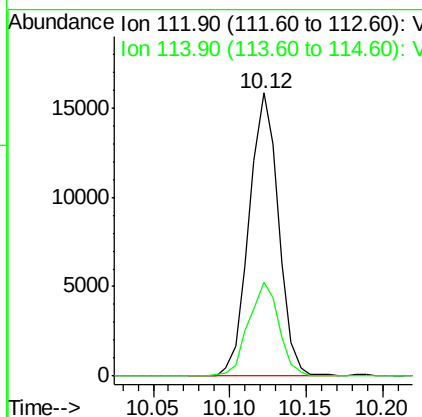
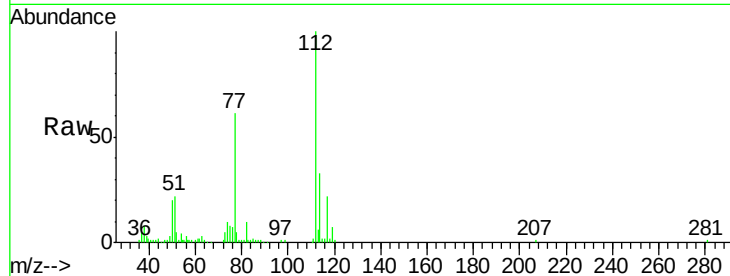
#65
Chlorobenzene
Concen: 4.768 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.6	40.0

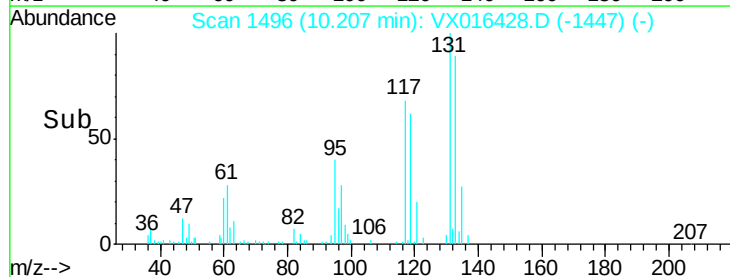
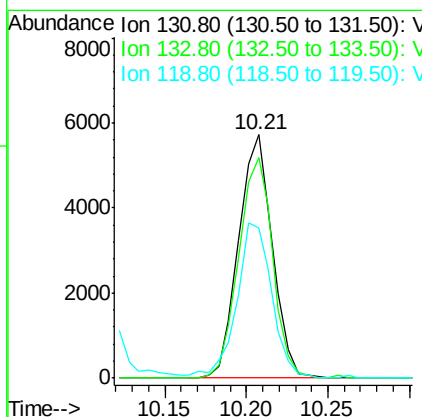
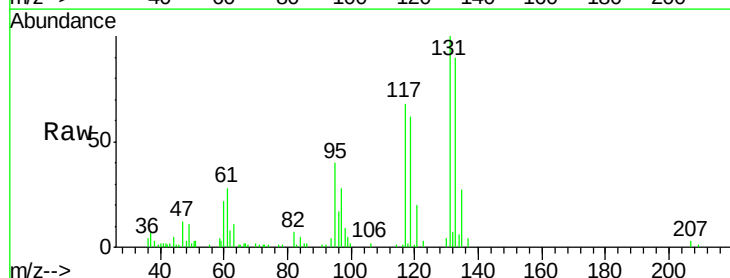
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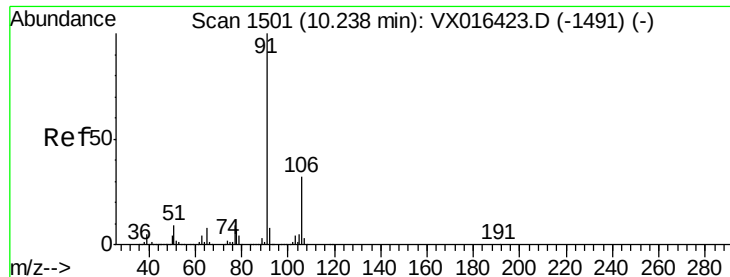
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#66
1,1,1,2-Tetrachloroethane
Concen: 4.999 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
131	100		
133	91.1	48.0	144.2
119	66.0	33.0	98.9





#67

Ethyl Benzene

Concen: 4.660 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 36831

Ion Ratio Lower Upper

91 100

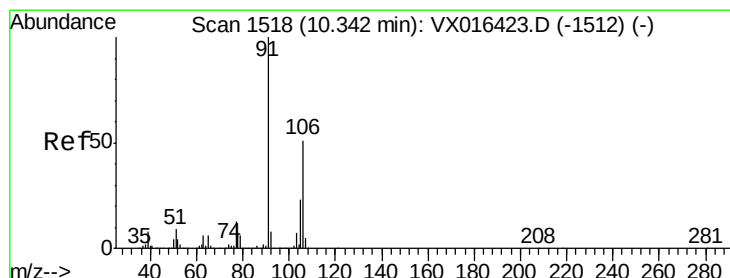
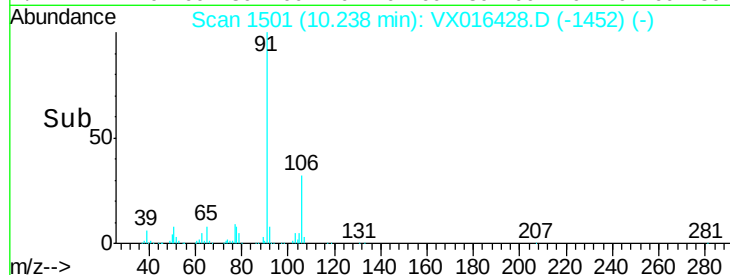
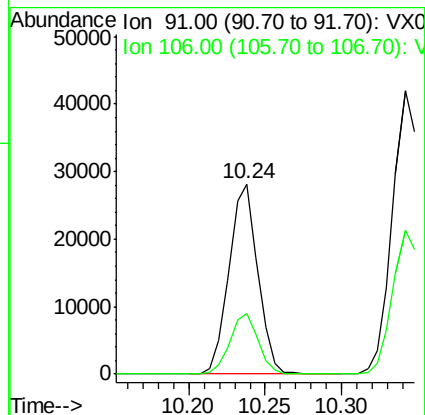
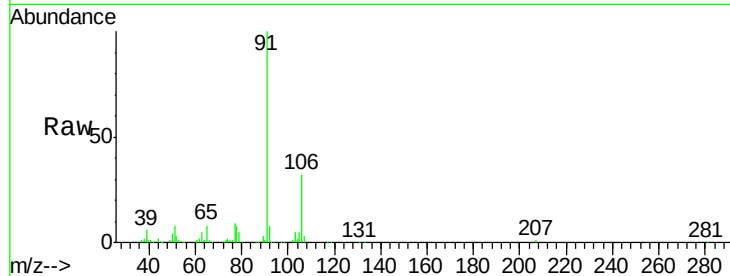
106 32.0 25.8 38.8

Manual Integrations

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#68

m/p-Xylenes

Concen: 9.558 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016428.D

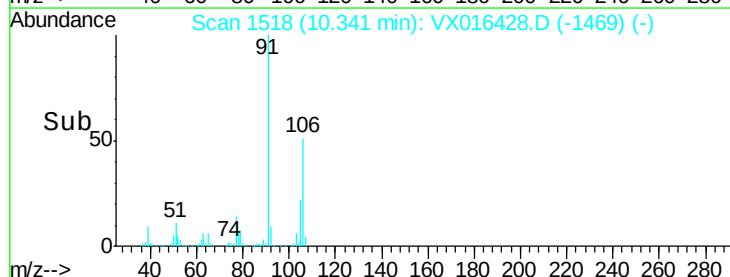
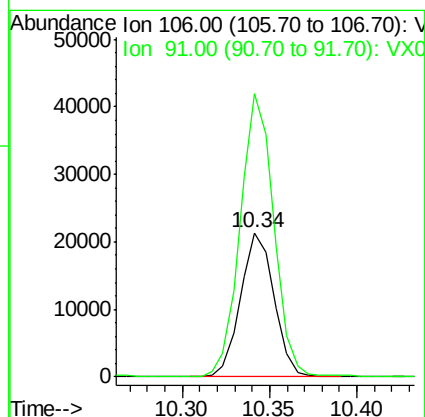
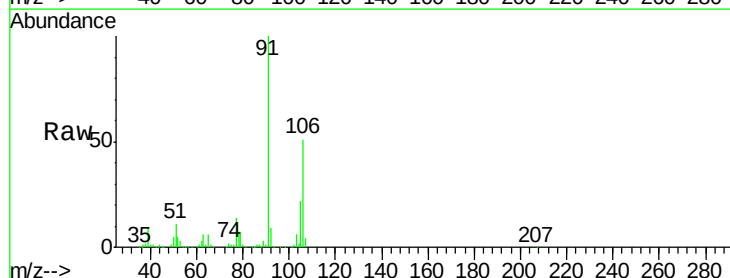
Acq: 26 May 2020 15:54

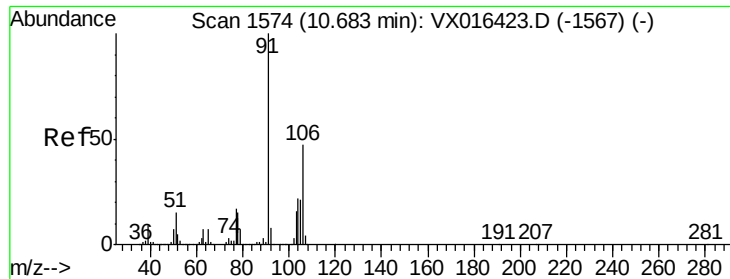
Tgt Ion: 106 Resp: 28382

Ion Ratio Lower Upper

106 100

91 197.6 158.2 237.4





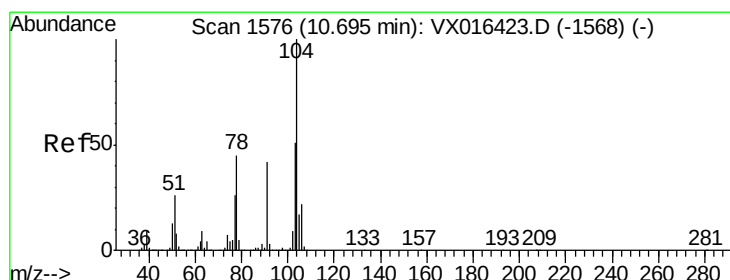
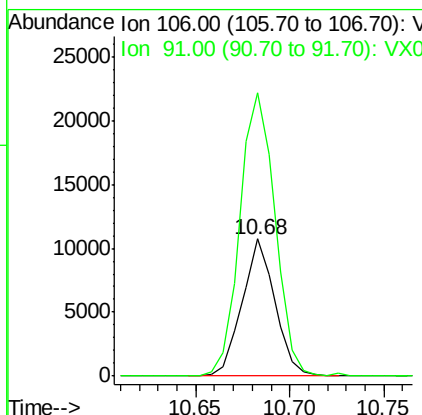
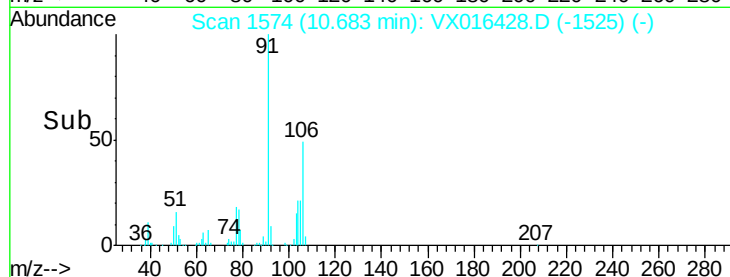
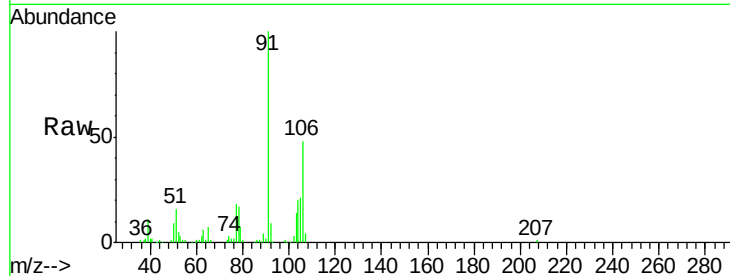
#69
o-Xylene
Concen: 4.557 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	219.6	104.0	312.0

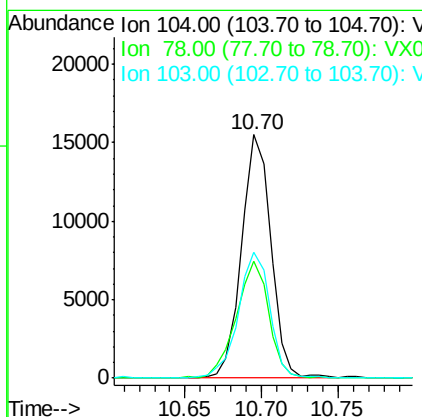
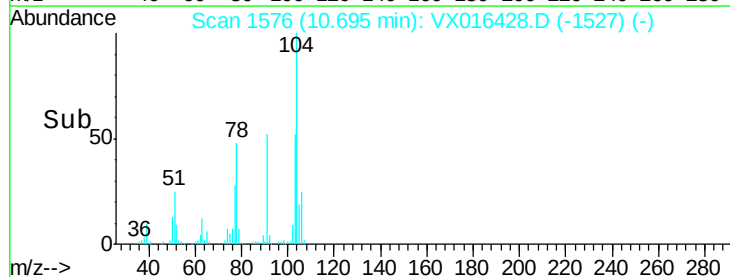
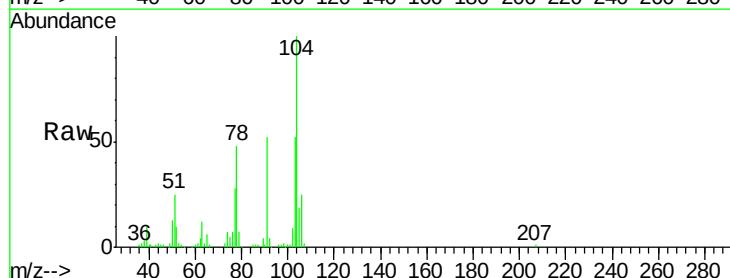
Manual Integrations
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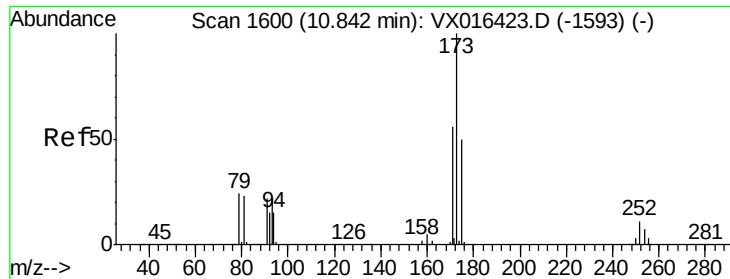
MMDadoda
5/27/2020 12:27:47 PM



#70
Styrene
Concen: 4.304 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	52.8	39.2	58.8
103	103	55.5	43.8	65.6





#71

Bromoform

Concen: 4.456 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

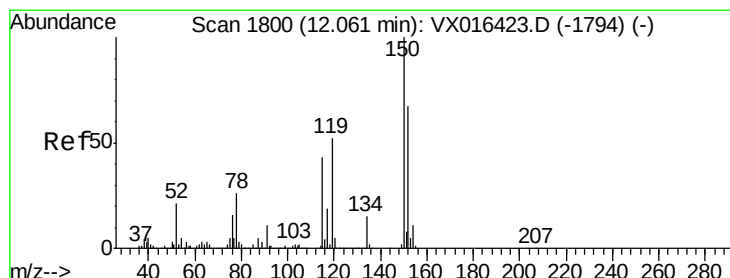
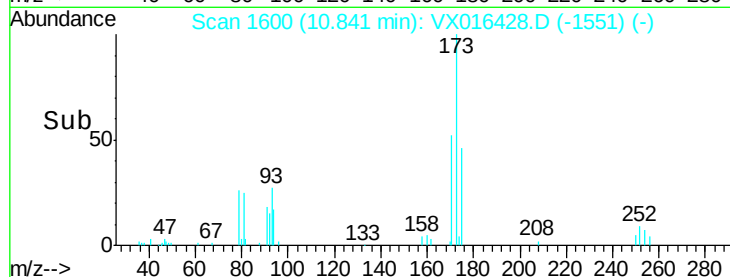
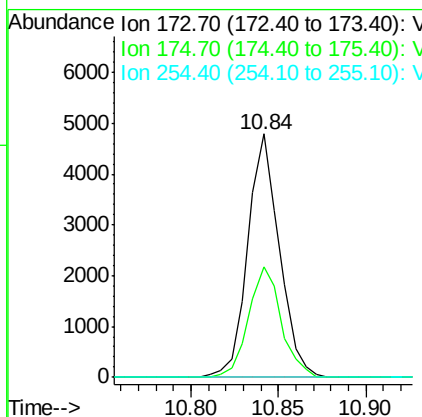
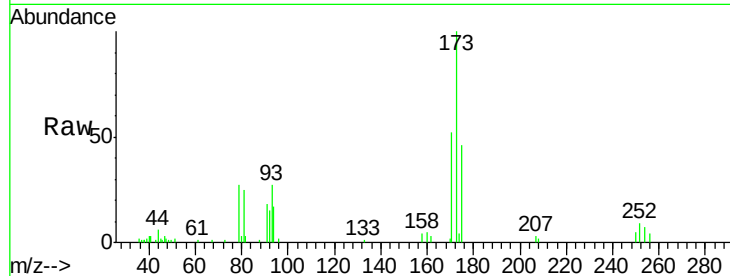
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.5	73.5
254	0.0	0.2	0.2

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

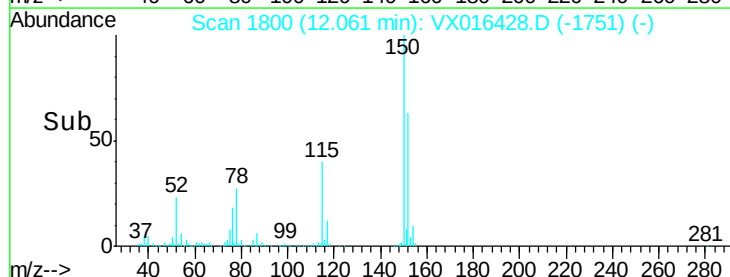
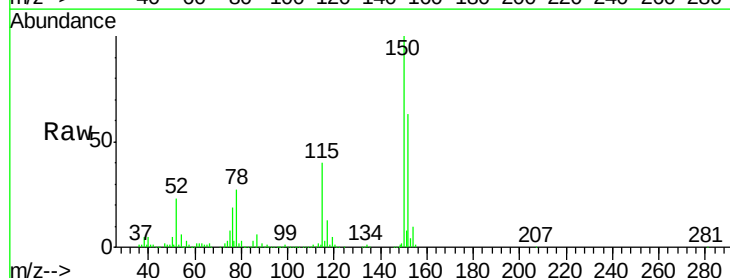
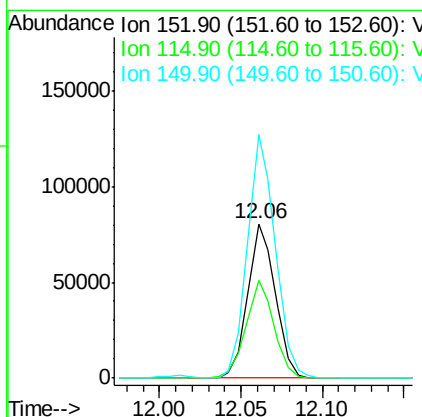
RT: 12.06 min Scan# 1800

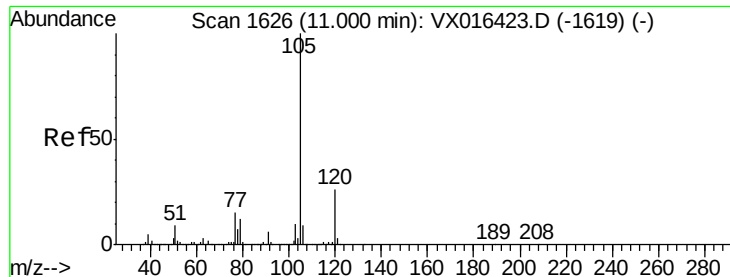
Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	40.4	121.2
150	159.1	0.0	345.8





#73

Isopropylbenzene

Concen: 5.000 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 34397

Ion Ratio Lower Upper

105 100

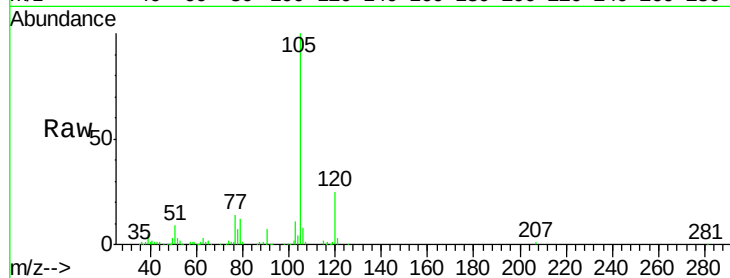
120 26.8 13.7 41.0

Manual Integrations

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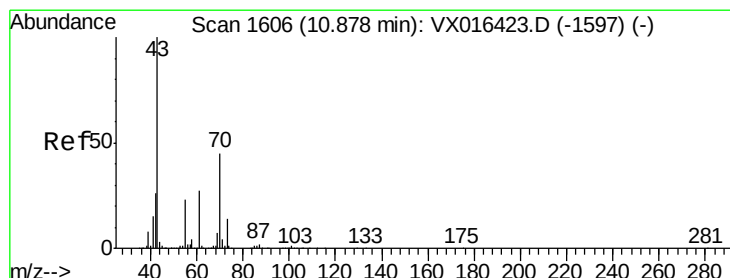
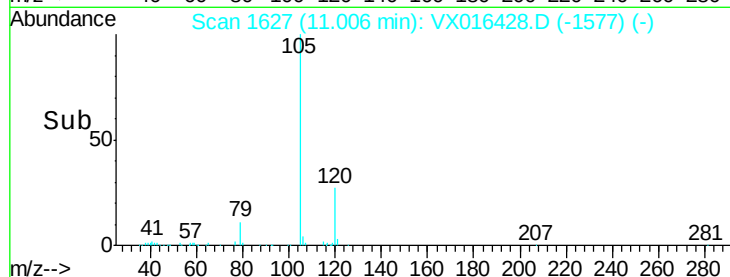
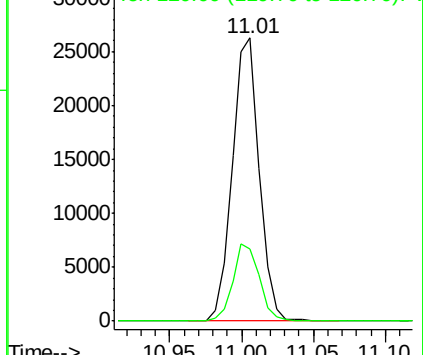
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.776 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion: 43 Resp: 15052

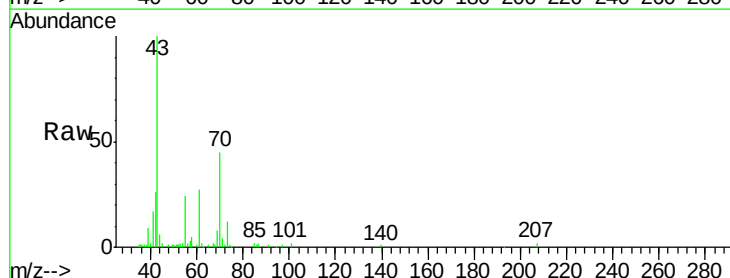
Ion Ratio Lower Upper

43 100

70 43.5 38.0 57.0

55 26.3 20.0 30.0

61 26.6 21.4 32.2

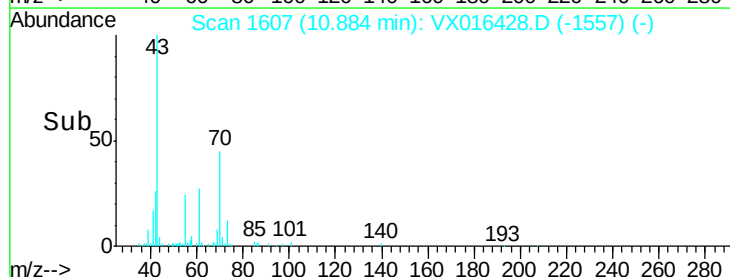
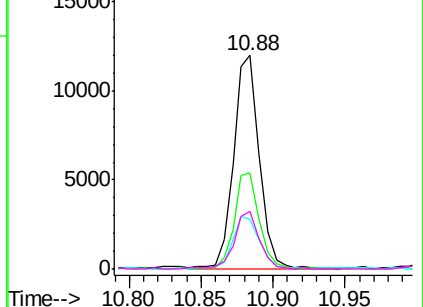


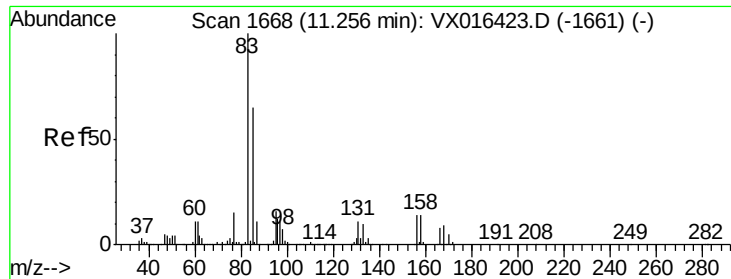
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 6.710 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Instrument :

MSVOA_X

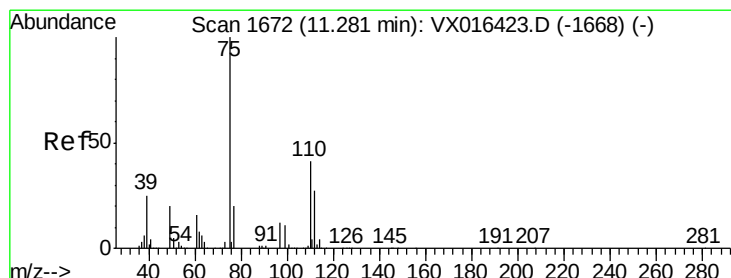
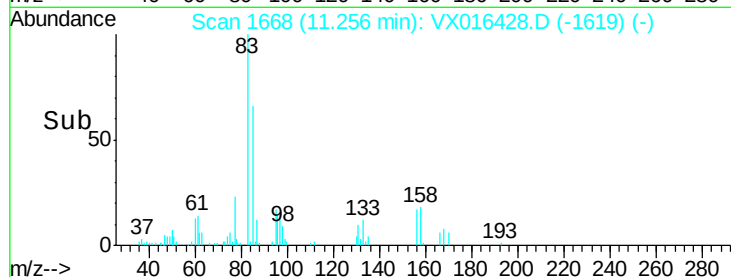
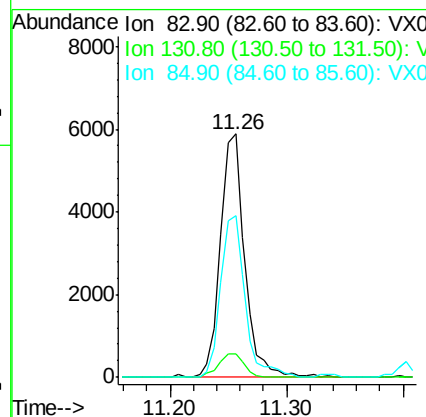
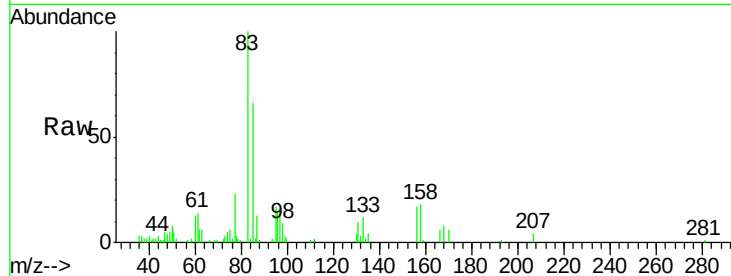
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	8477
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.4	16.2
85	66.7	32.6	97.7

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 5.288 ug/l m

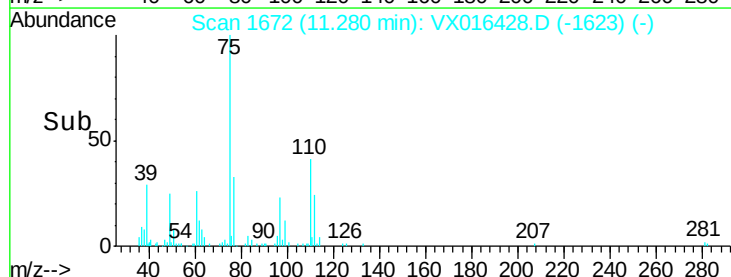
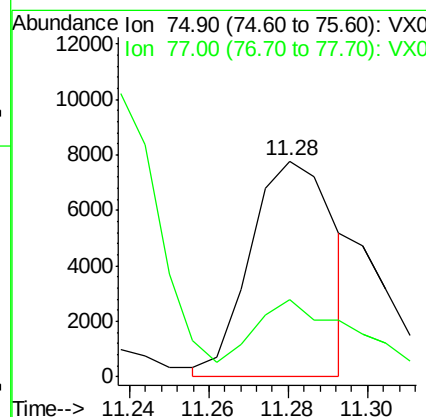
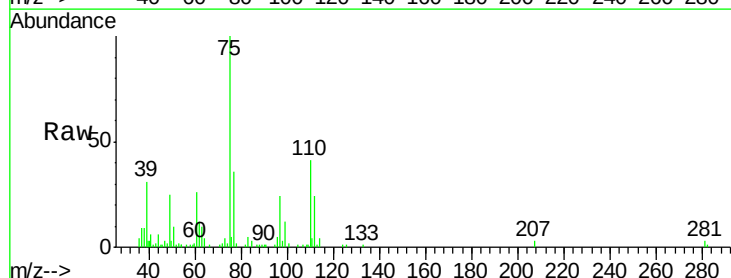
RT: 11.28 min Scan# 1672

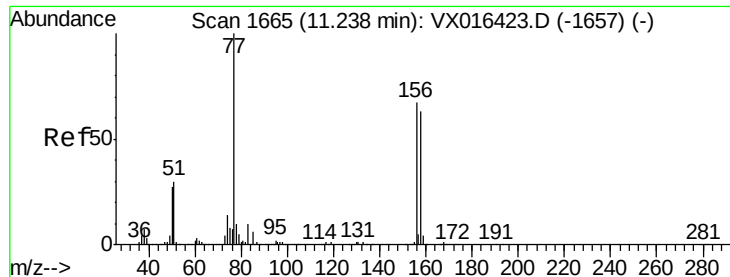
Delta R.T. -0.00 min

Lab File: VX016428.D

Acq: 26 May 2020 15:54

Tgt Ion:	75	Resp:	11283
Ion	Ratio	Lower	Upper
75	100		
77	44.6	21.4	64.3





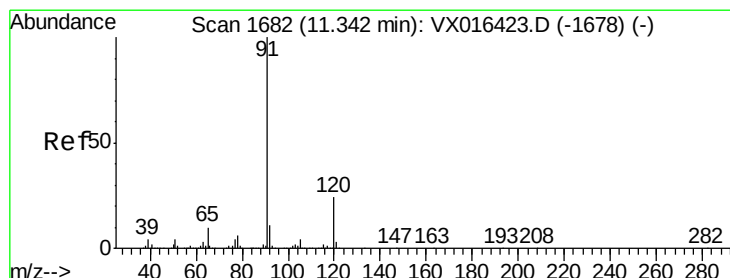
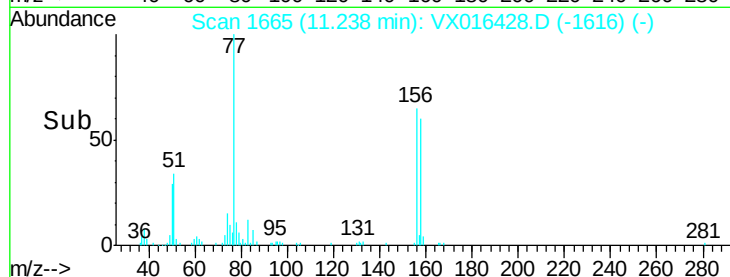
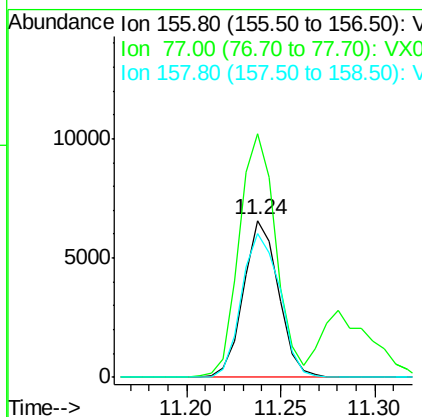
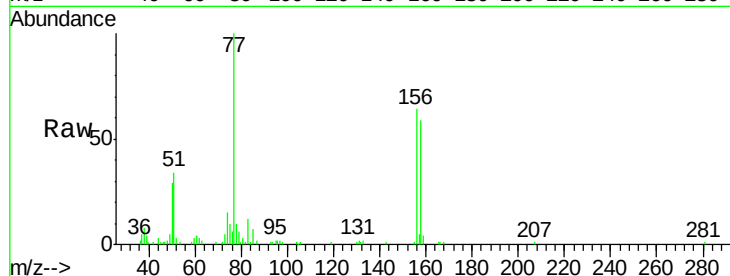
#77
Bromobenzene
Concen: 4.735 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	163.2	74.6	223.8
158	99.5	48.7	146.1

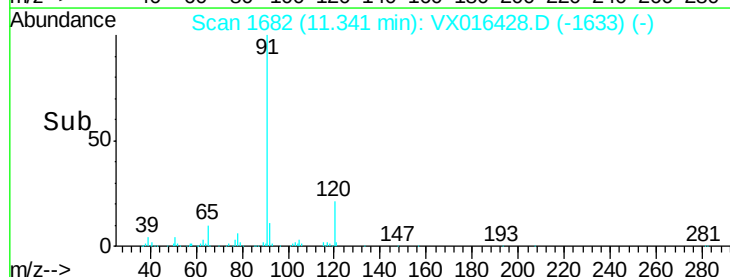
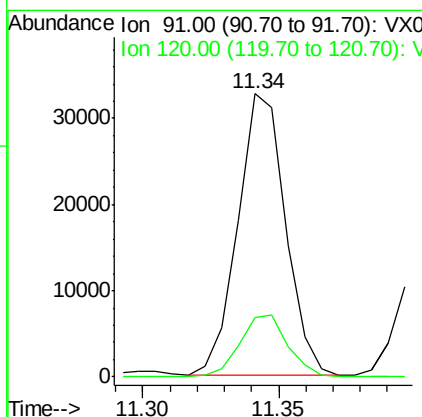
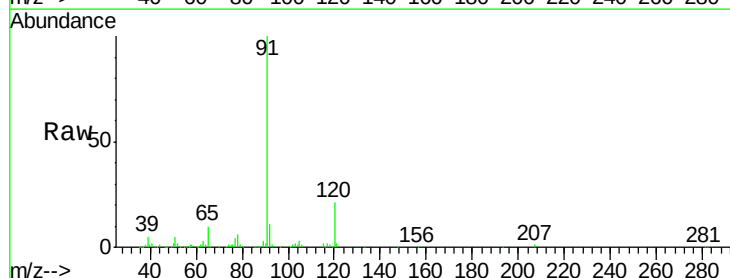
Manual Integrations
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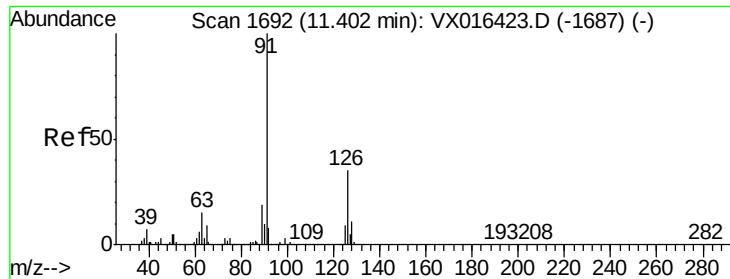
MMDadoda
5/27/2020 12:27:47 PM



#78
n-propylbenzene
Concen: 4.989 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	12.1	36.3





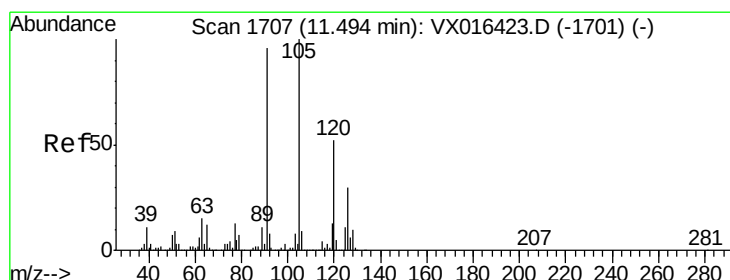
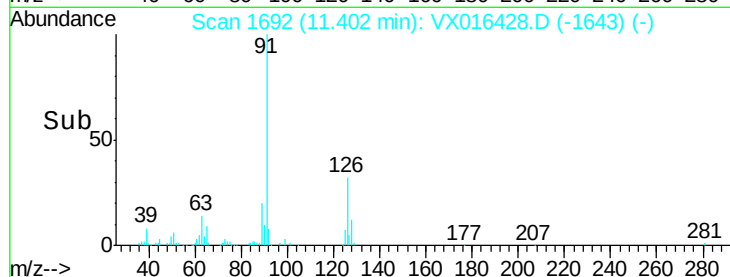
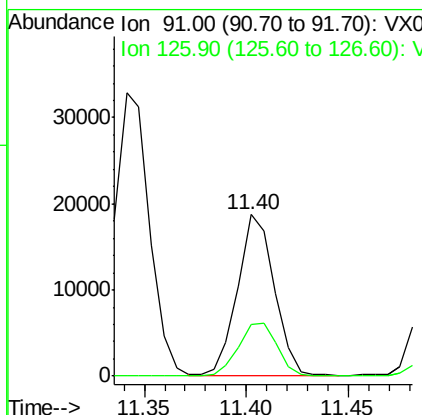
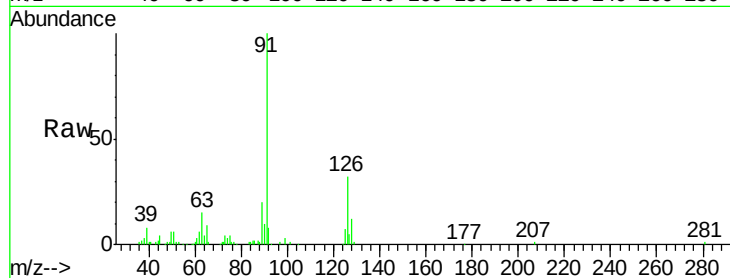
#79
 2-Chlorotoluene
 Concen: 4.957 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 91 Resp: 23405
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.7 53.1

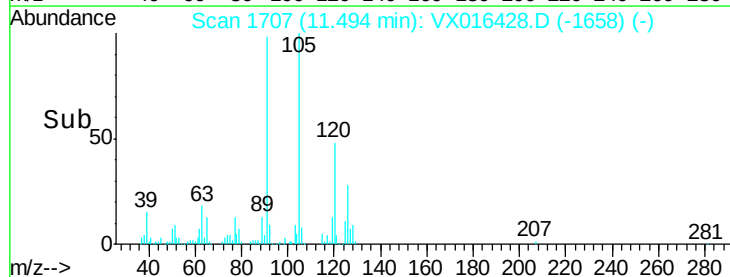
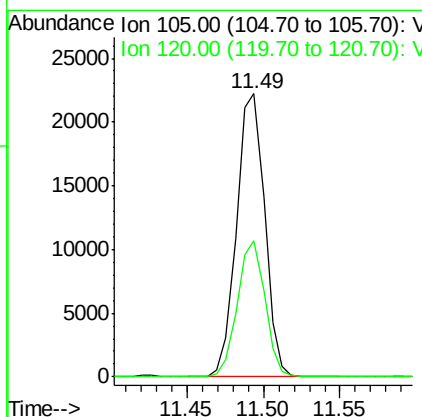
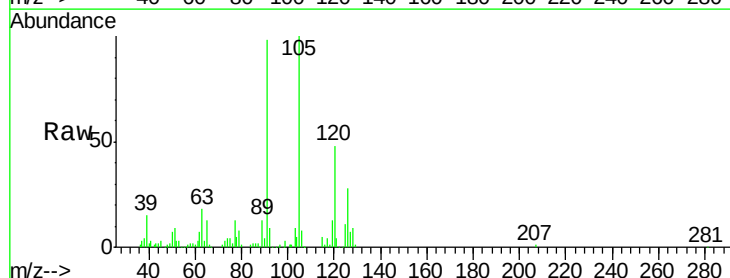
Manual Integrations
 APPROVED

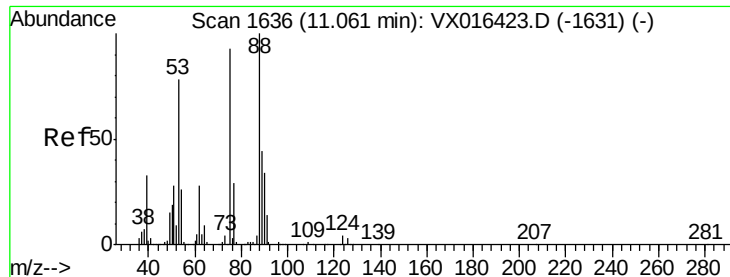
MMDadoda
 5/27/2020 12:27:47 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 4.885 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion: 105 Resp: 28356
 Ion Ratio Lower Upper
 105 100
 120 47.1 25.0 75.0





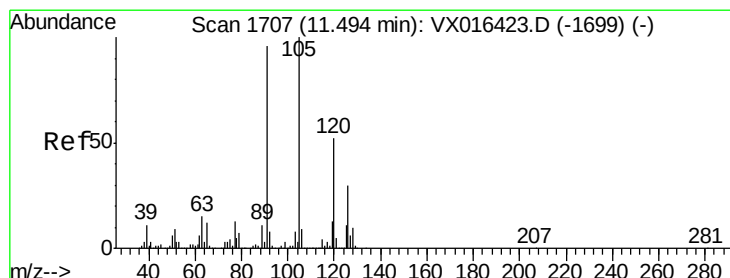
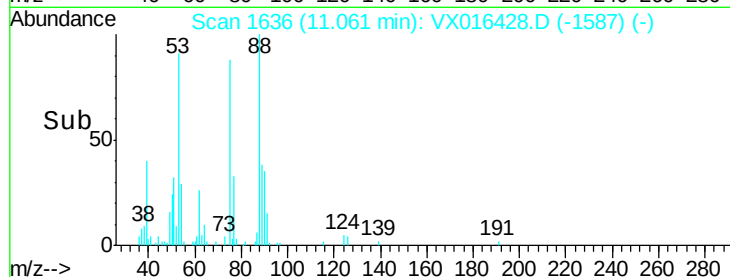
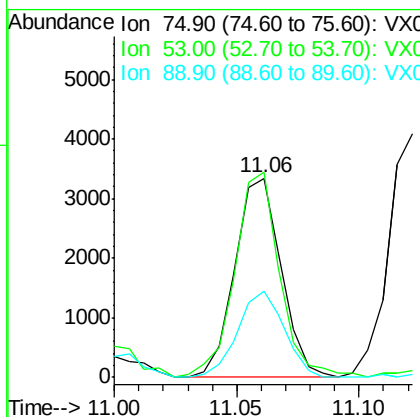
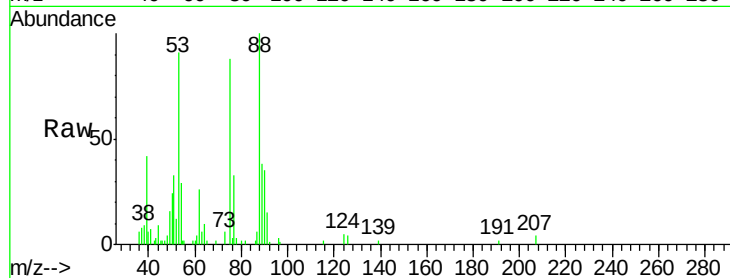
#81
trans-1,4-Dichloro-2-butene
Concen: 4.935 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	69.4	104.2
89	43.4	37.0	55.6

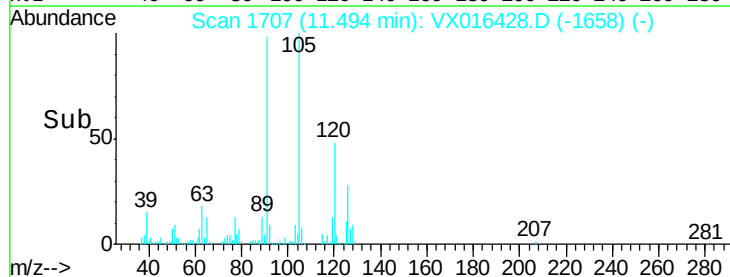
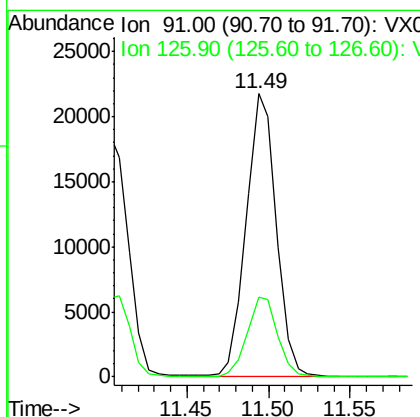
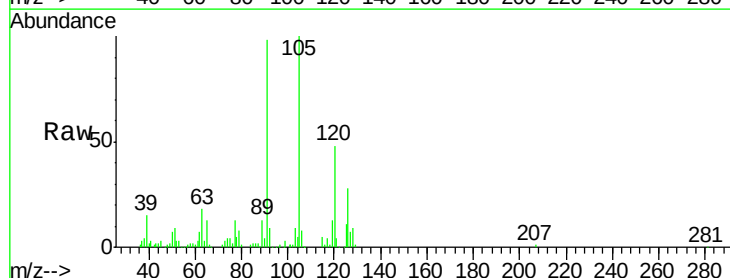
Manual Integrations
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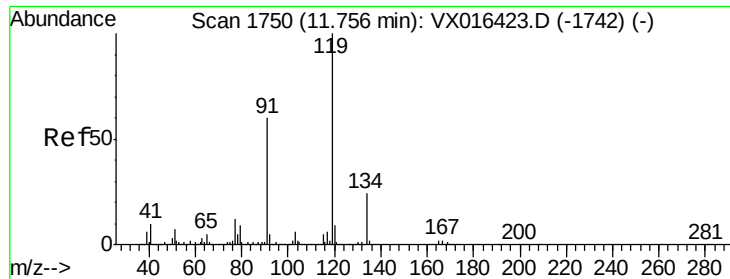
MMDadoda
5/27/2020 12:27:47 PM



#82
4-Chlorotoluene
Concen: 5.060 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	15.7	47.0





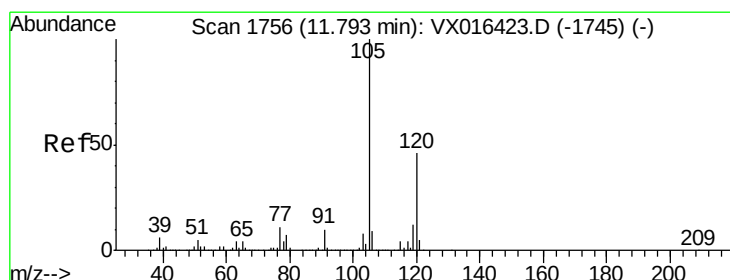
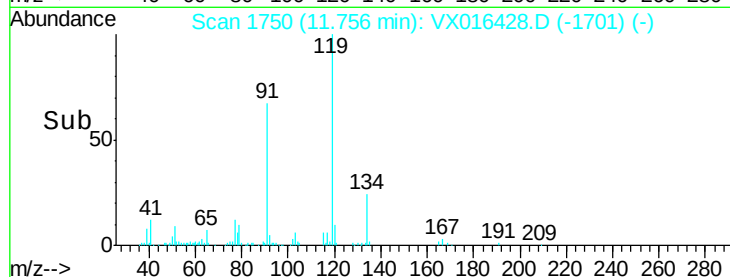
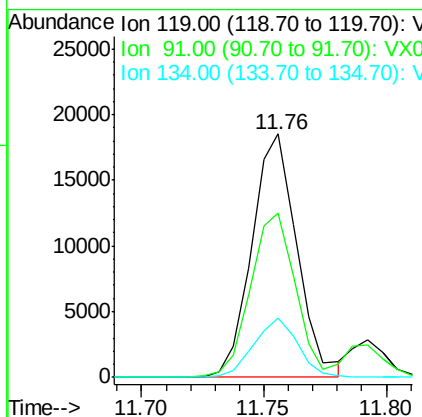
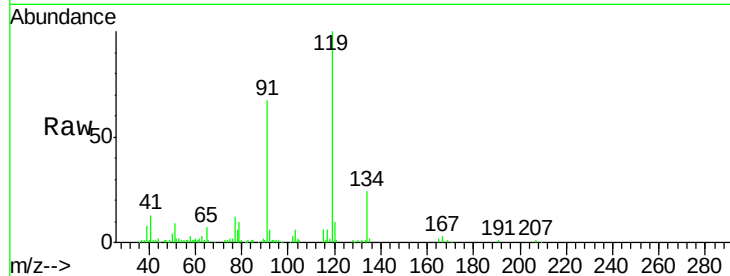
#83
 tert-Butylbenzene
 Concen: 4.729 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.2	30.8	92.3
134	23.7	12.3	36.9

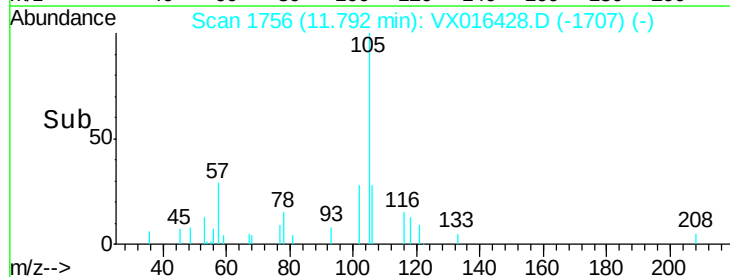
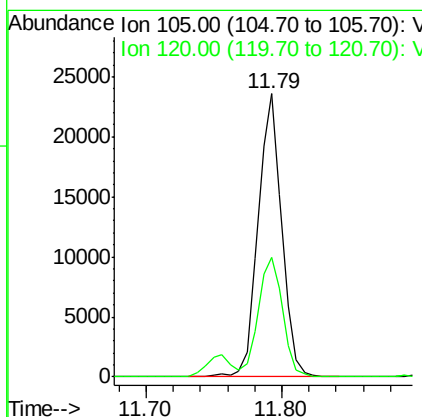
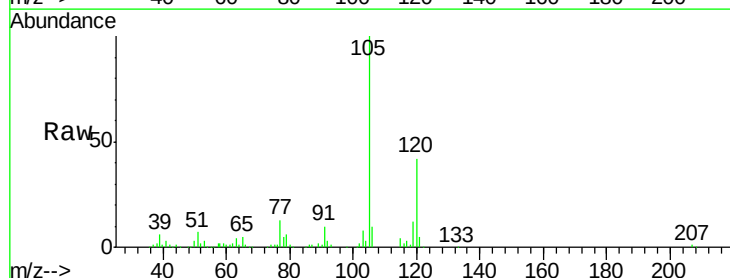
Manual Integrations
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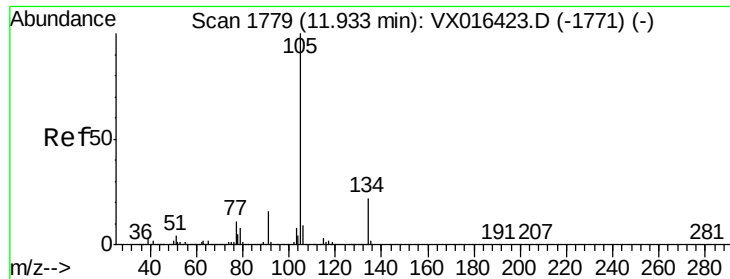
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#84
 1,2,4-Trimethylbenzene
 Concen: 4.929 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	23.2	69.6





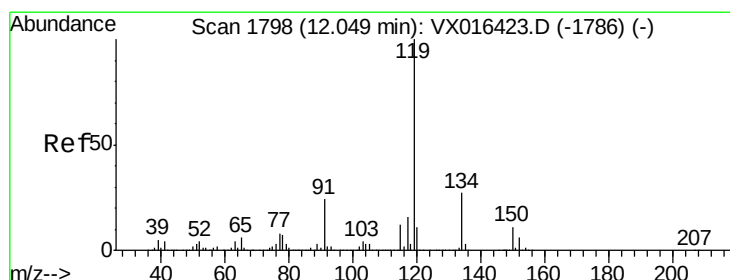
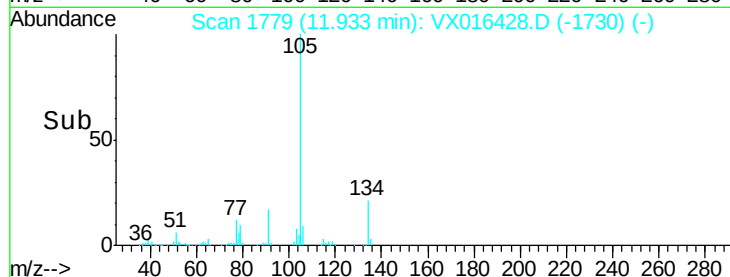
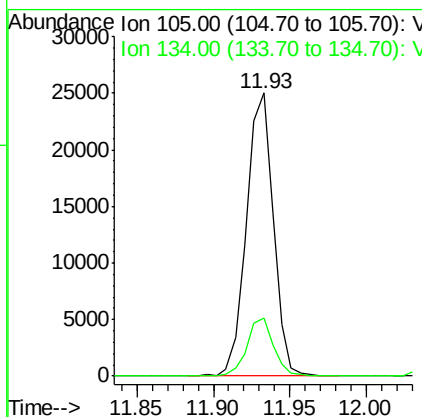
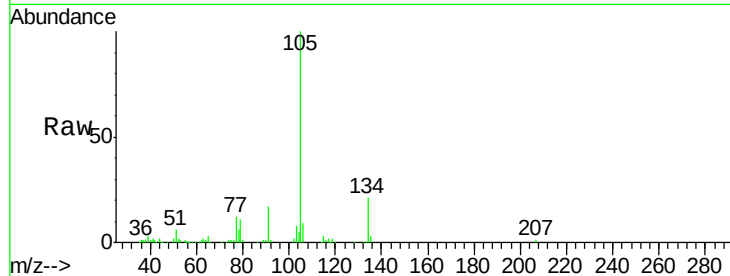
#85
 sec-Butylbenzene
 Concen: 4.569 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.5	31.6

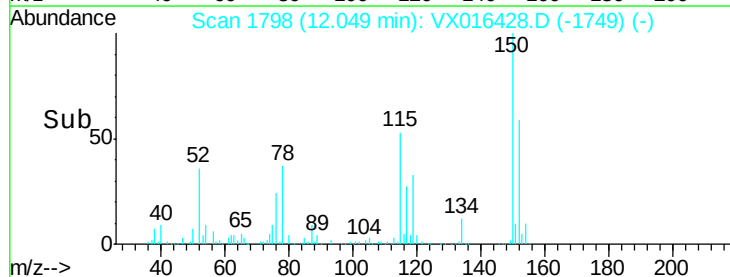
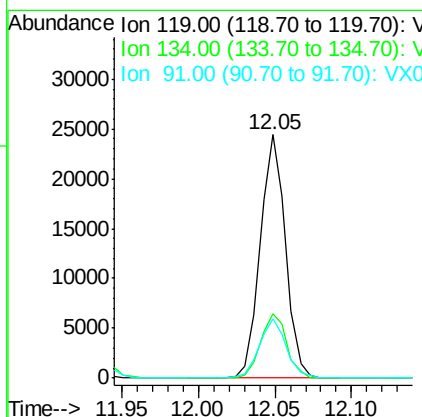
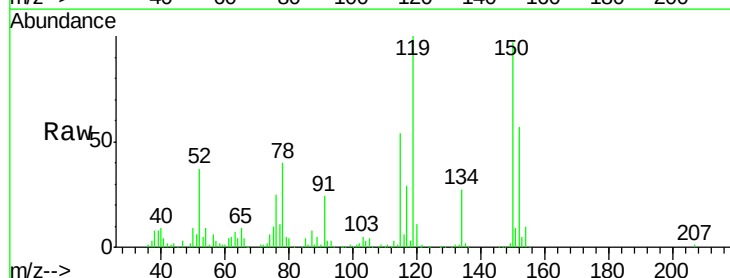
Manual Integrations
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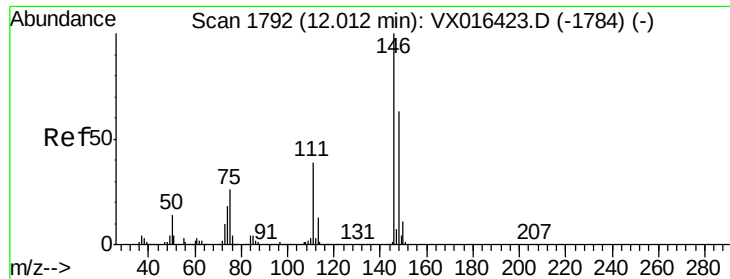
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 5/27/2020 12:27:47 PM



#86
 p-Isopropyltoluene
 Concen: 4.556 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.6	13.8	41.3
91	26.3	11.9	35.5





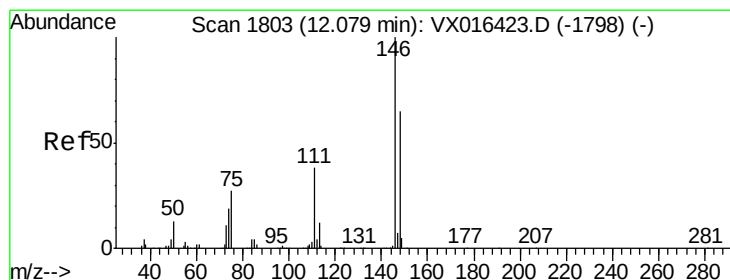
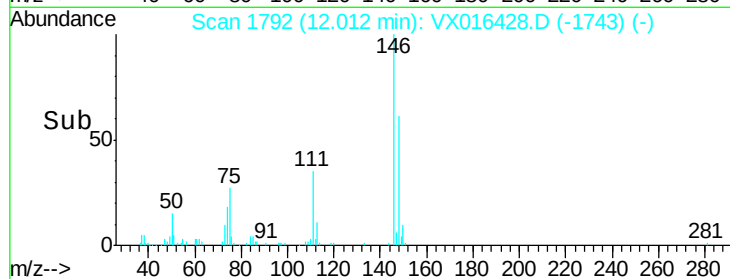
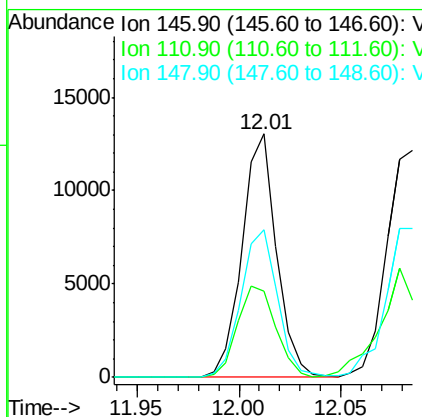
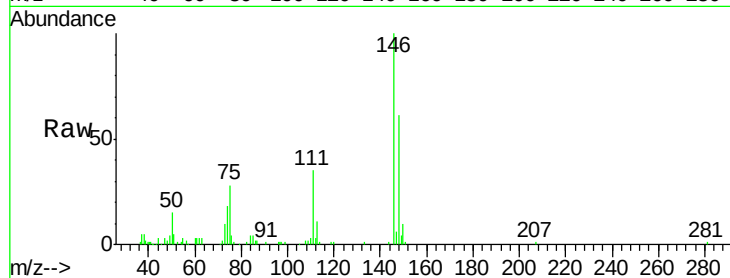
#87
 1,3-Dichlorobenzene
 Concen: 4.813 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.1	60.2
148	64.3	31.4	94.2

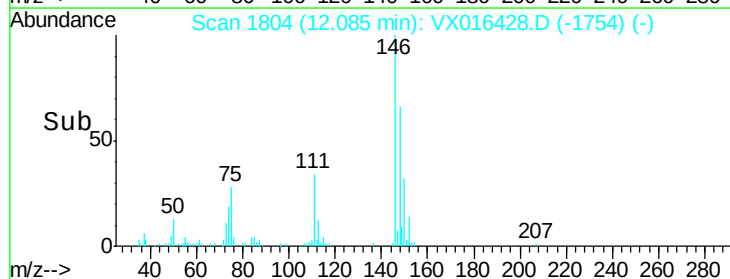
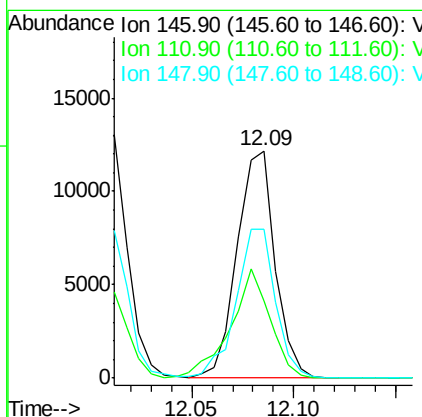
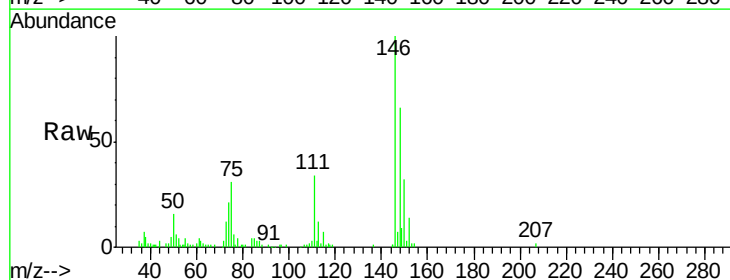
Manual Integrations
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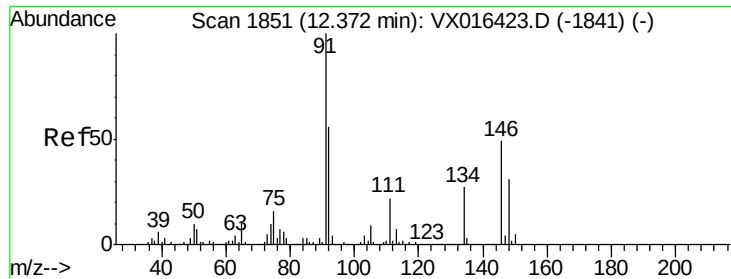
MMDadoda
 5/27/2020 12:27:47 PM



#88
 1,4-Dichlorobenzene
 Concen: 4.843 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.2	19.2	57.6
148	68.3	33.1	99.2





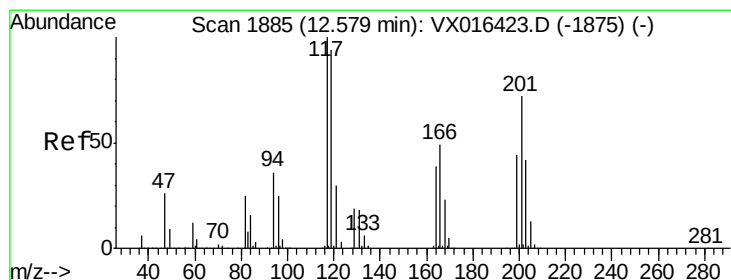
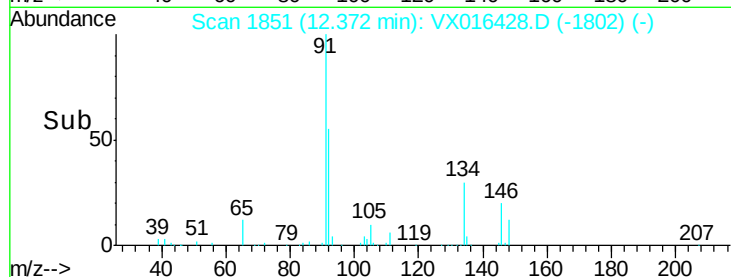
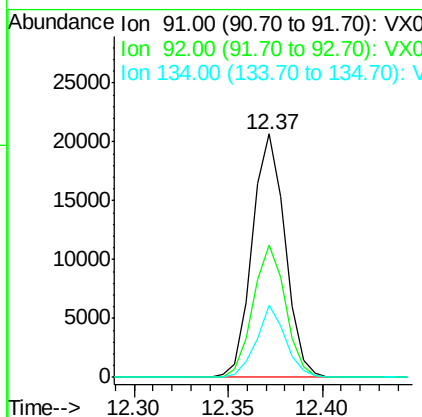
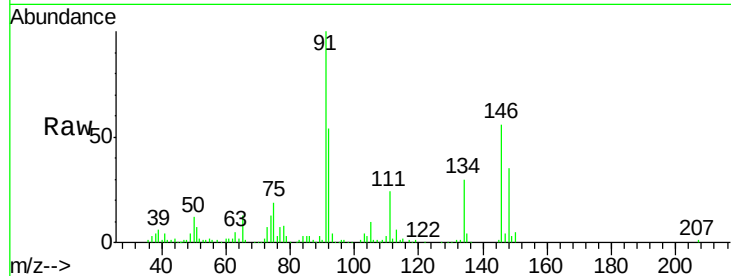
#89
n-Butylbenzene
Concen: 4.424 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.6	82.8
134	26.3	13.7	41.1

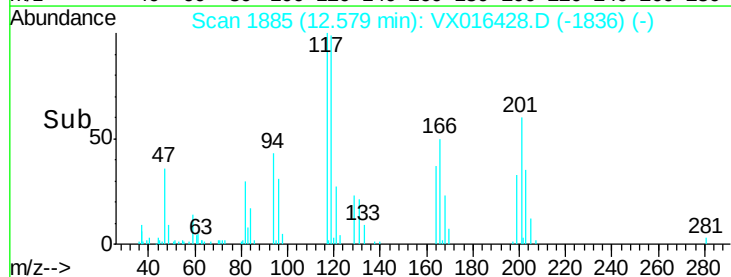
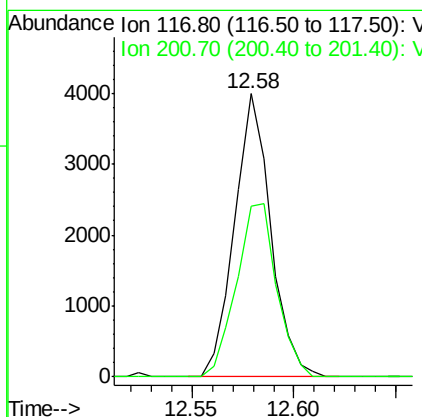
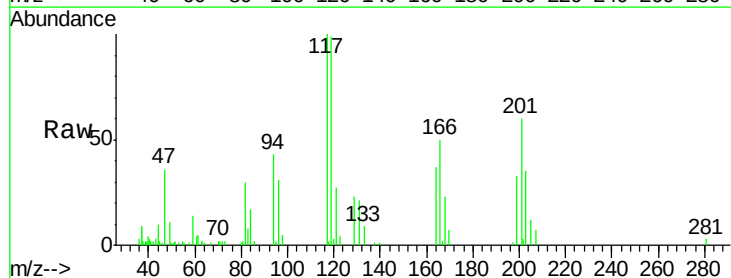
Manual Integrations
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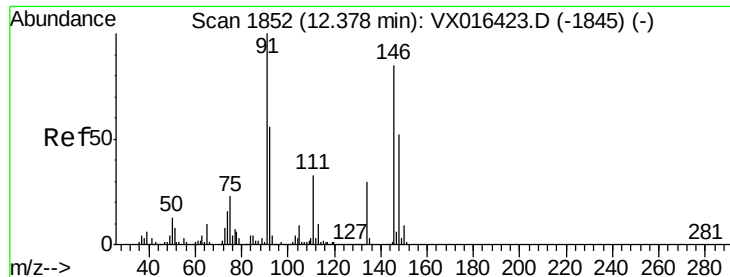
MMDadoda
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#90
Hexachloroethane
Concen: 4.587 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.3	37.6	112.9





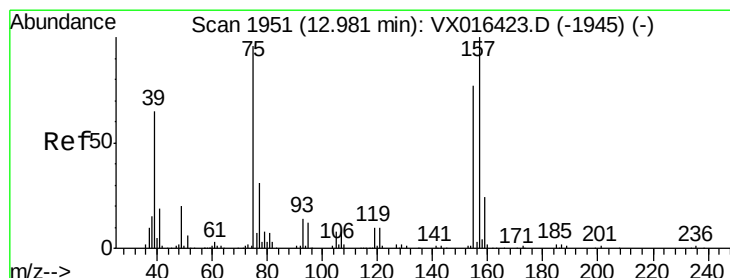
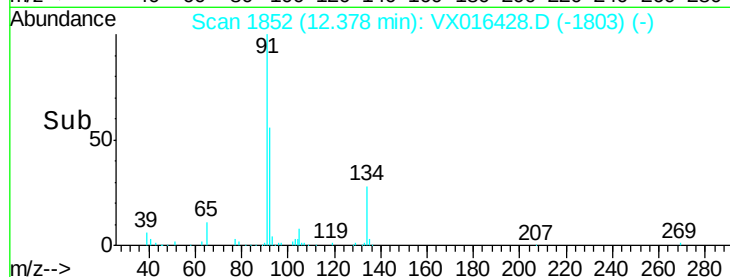
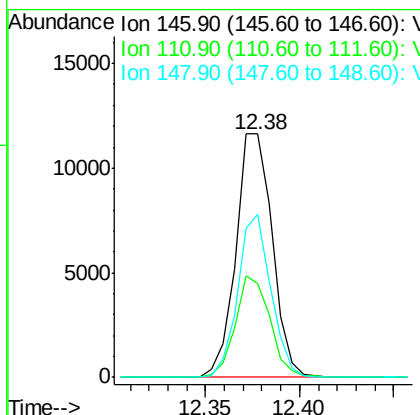
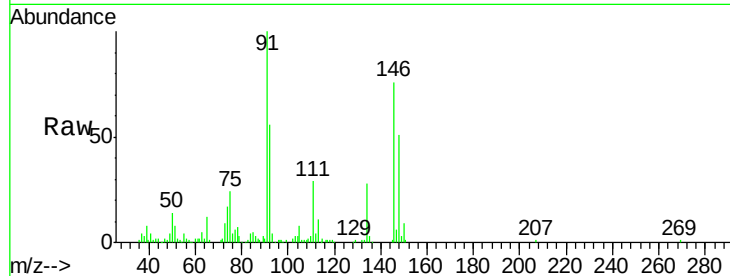
#91
1,2-Dichlorobenzene
Concen: 5.037 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.4	61.3
148	61.0	31.6	94.8

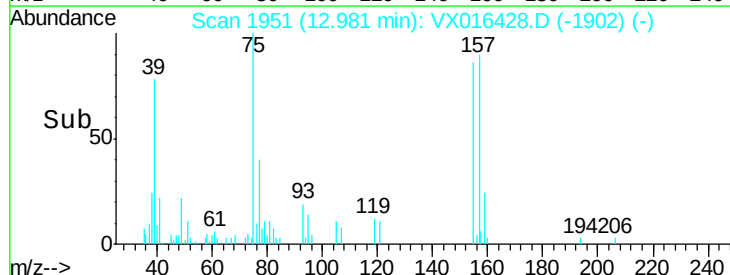
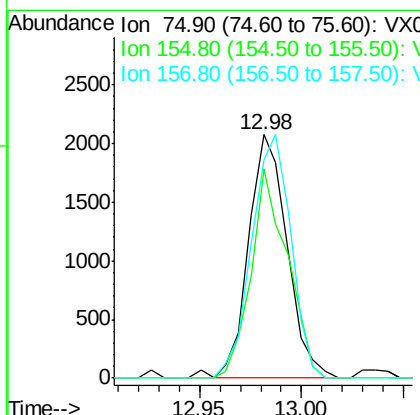
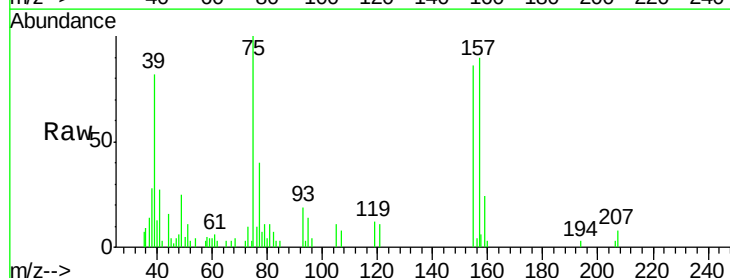
Manual Integrations
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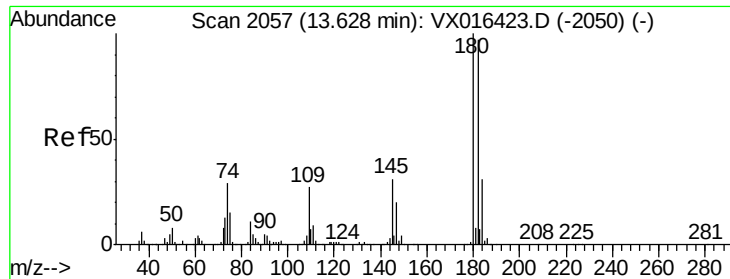
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.878 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.6	44.8	134.4
157	100.9	57.8	173.4





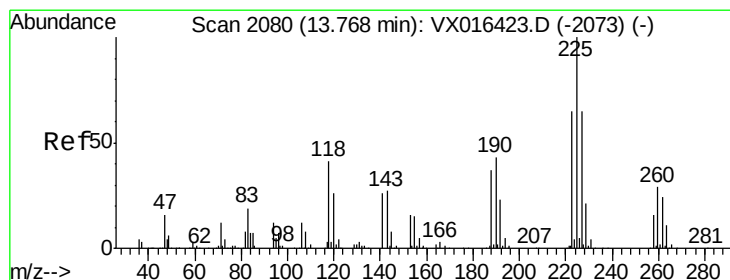
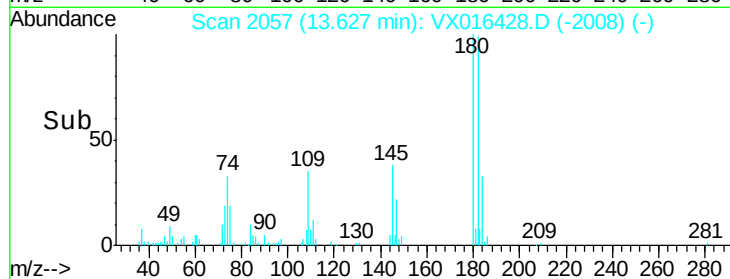
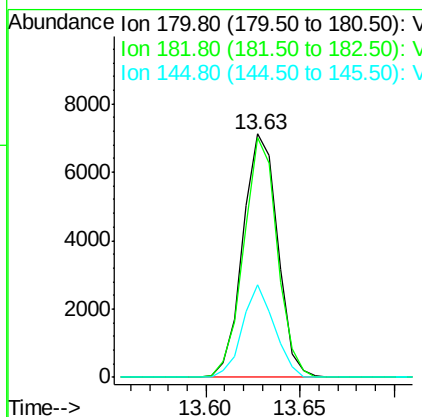
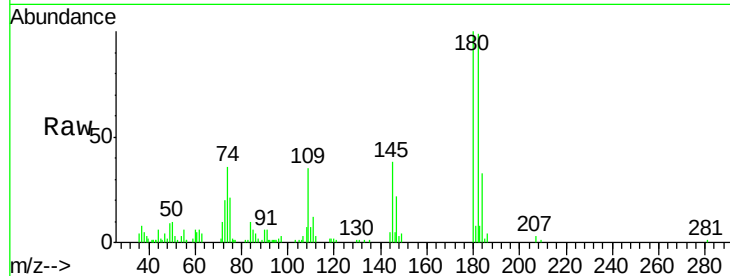
#93
 1,2,4-Trichlorobenzene
 Concen: 4.071 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
180	100	9121		
182	94.8		48.6	145.8
145	34.8		15.5	46.5

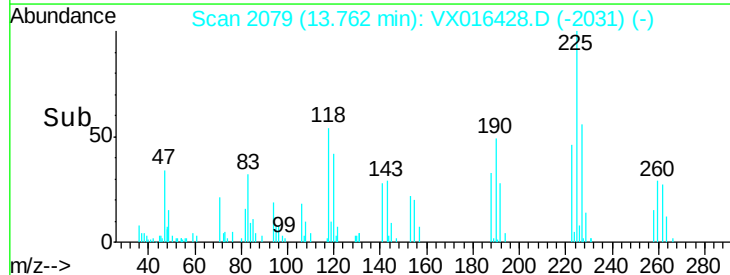
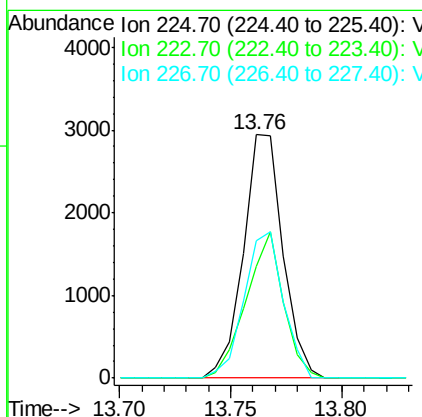
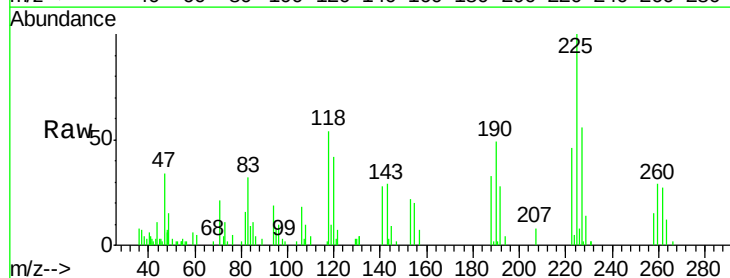
Manual Integrations
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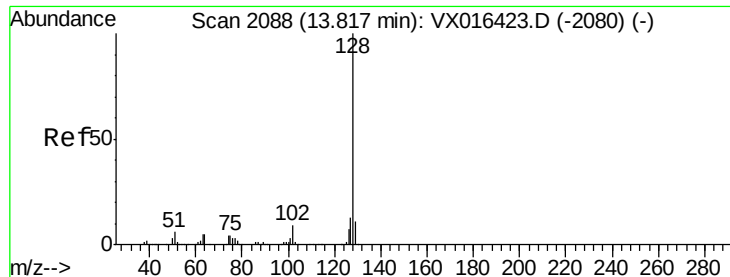
MMDadoda
 5/27/2020 12:27:47 PM



#94
 Hexachlorobutadiene
 Concen: 3.653 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016428.D
 Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	3660		
223	56.4		32.6	98.0
227	59.5		32.5	97.4





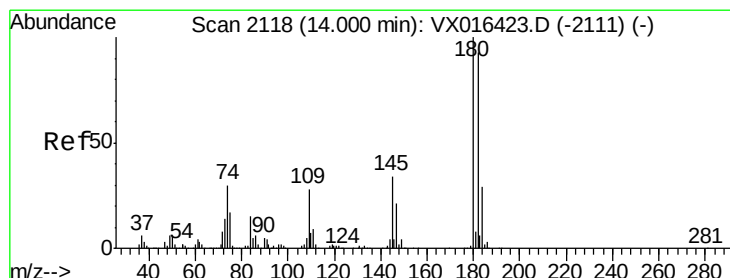
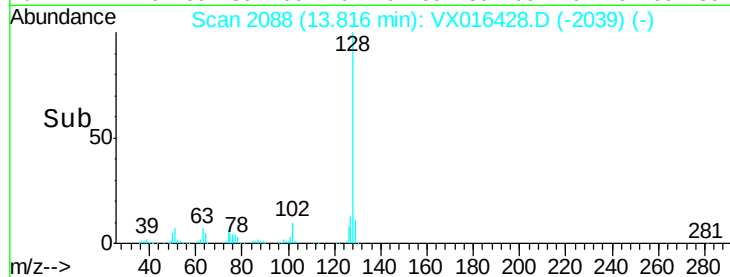
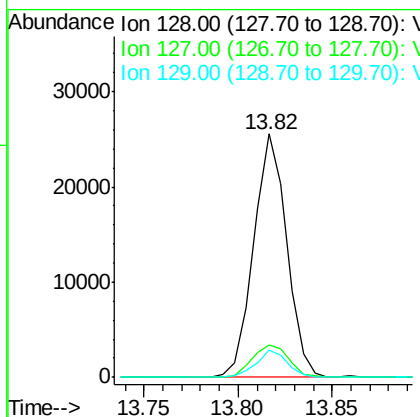
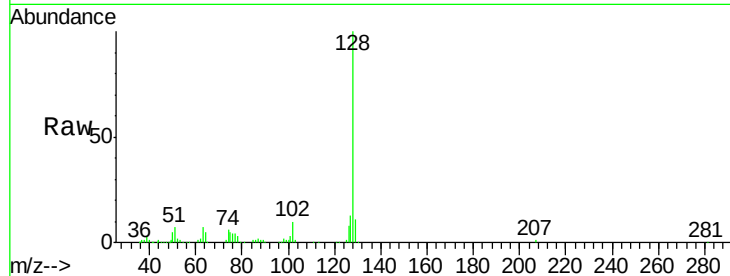
#95
Naphthalene
Concen: 4.242 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.7	10.5	15.7
129	10.7	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
5/27/2020 12:27:47 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.077 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016428.D
Acq: 26 May 2020 15:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	48.2	144.6
145	37.8	16.3	48.9

