

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016007.D
 Acq On : 01 May 2020 13:24
 Operator : JC/SP
 Sample : VX0501WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0501WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:53 PM

Quant Time: May 02 07:25:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	51696	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	292293	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	268013	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	119384	30.05	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.17%
60) 4-Bromofluorobenzene	11.12	95	131455	29.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.50%
63) Toluene-d8	8.70	98	350425	30.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	71322	20.030	ug/l 98
3) Chloromethane	1.31	50	68895	19.748	ug/l 98
4) Vinyl Chloride	1.39	62	76374	19.268	ug/l 100
5) Bromomethane	1.63	94	51141	21.049	ug/l 99
6) Chloroethane	1.72	64	48790	18.776	ug/l 99
7) Trichlorofluoromethane	1.92	101	107495	18.933	ug/l 100
8) Diethyl Ether	2.17	74	41057	18.118	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56433	19.247	ug/l 99
10) 1,1-Dichloroethene	2.36	96	55869	18.886	ug/l 96
11) Methyl Iodide	2.49	142	72096	17.853	ug/l 98
12) Methyl Acetate	2.75	43	99281	19.223	ug/l 100
13) Acrolein	2.27	56	32398	78.248	ug/l 99
14) Acrylonitrile	3.11	53	176029	92.271	ug/l 100
15) Acetone	2.42	58	47638	94.355	ug/l 98
16) Carbon Disulfide	2.55	76	169343	18.817	ug/l 98
17) Allyl chloride	2.71	41	101757	18.543	ug/l 97
18) Methylene Chloride	2.84	84	62320	18.806	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	60334	18.648	ug/l 97
20) Diisopropyl ether	3.82	45	195333	18.462	ug/l 99
21) 1,1-Dichloroethane	3.67	63	110059	18.655	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	68212	18.578	ug/l 98
23) tert-Butyl Alcohol	3.01	59	87298	93.481	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	198162	18.654	ug/l 99
25) Chloroform	5.17	83	110521	18.445	ug/l 93
26) Cyclohexane	5.54	56	100207	18.574	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	85715	18.645	ug/l 98
30) 2-Butanone	4.63	43	250505	91.451	ug/l 99
31) 2,2-Dichloropropane	4.55	77	99980	18.071	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	102154	18.318	ug/l 99
33) Carbon Tetrachloride	5.76	117	88964	17.917	ug/l 98
34) Benzene	6.11	78	248112	18.478	ug/l 97
35) Methacrylonitrile	5.00	41	53742	18.474	ug/l 97
36) 1,2-Dichloroethane	6.16	62	93757	18.284	ug/l 99
37) Trichloroethene	7.19	130	91515	19.159	ug/l 99
38) Methylcyclohexane	7.44	83	104386	18.581	ug/l 100
39) 1,2-Dichloropropane	7.49	63	63163	18.325	ug/l 92
40) Dibromomethane	7.64	93	43415	18.139	ug/l 99

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Manual Integrations
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Quant Time: May 02 07:25:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	87331	17.700	ug/l	99
42) Vinyl Acetate	3.78	43	812359	89.641	ug/l	100
43) Ethyl Acetate	4.79	43	97885	18.116	ug/l	99
44) Isopropyl Acetate	6.41	43	158637	18.092	ug/l	99
45) 1,4-Dioxane	7.71	88	34561	373.147	ug/l	99
46) Methyl methacrylate	7.74	41	74088	17.823	ug/l	97
47) n-amyl Acetate	10.88	43	131056	17.093	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	101822	17.771	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	106963	18.069	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	59383	17.607	ug/l	96
51) Ethyl methacrylate	9.16	69	97802	17.561	ug/l	97
52) 1,3-Dichloropropane	9.35	76	105364	18.071	ug/l	99
53) Dibromochloromethane	9.57	129	66560	17.346	ug/l	100
54) 1,2-Dibromoethane	9.65	107	66223	17.865	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	266435	87.934	ug/l	100
56) Bromoform	10.84	173	47678	16.491	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	482365	91.266	ug/l	99
59) 2-Hexanone	9.47	43	369806	90.584	ug/l	99
61) Tetrachloroethene	9.32	164	99794	18.823	ug/l	92
62) Toluene	8.76	91	263182	18.381	ug/l	99
64) Chlorobenzene	10.12	112	165541	18.157	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	60963	17.614	ug/l	98
66) Ethyl Benzene	10.24	91	298592	18.313	ug/l	99
67) m/p-Xylenes	10.34	106	226303	36.435	ug/l	98
68) o-Xylene	10.68	106	107302	17.915	ug/l	99
69) Styrene	10.70	104	179522	17.513	ug/l	99
70) Isopropylbenzene	11.00	105	289112	17.878	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	46563	15.489	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	89938m	18.472	ug/l	
73) Bromobenzene	11.24	156	72927	17.896	ug/l	99
74) n-propylbenzene	11.34	91	340196	18.112	ug/l	99
75) 2-Chlorotoluene	11.40	91	197031	17.851	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	240688	17.534	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	35896	17.146	ug/l	99
78) 4-Chlorotoluene	11.49	91	233327	17.859	ug/l	100
79) tert-butylbenzene	11.76	119	207892	17.733	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	243865	17.783	ug/l	100
81) sec-Butylbenzene	11.93	105	282089	17.840	ug/l	100
82) p-Isopropyltoluene	12.05	119	260724	17.794	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	132009	17.968	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	132115	18.097	ug/l	99
85) n-Butylbenzene	12.37	91	238303	17.804	ug/l	98
86) Hexachloroethane	12.58	117	44548	17.270	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	127457	17.937	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	21686	17.239	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90532	17.298	ug/l	96
90) Hexachlorobutadiene	13.77	225	40117	17.835	ug/l	94
91) Naphthalene	13.82	128	295486	17.734	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	90561	18.011	ug/l	96

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Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Manual Integrations
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Quant Time: May 02 07:25:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

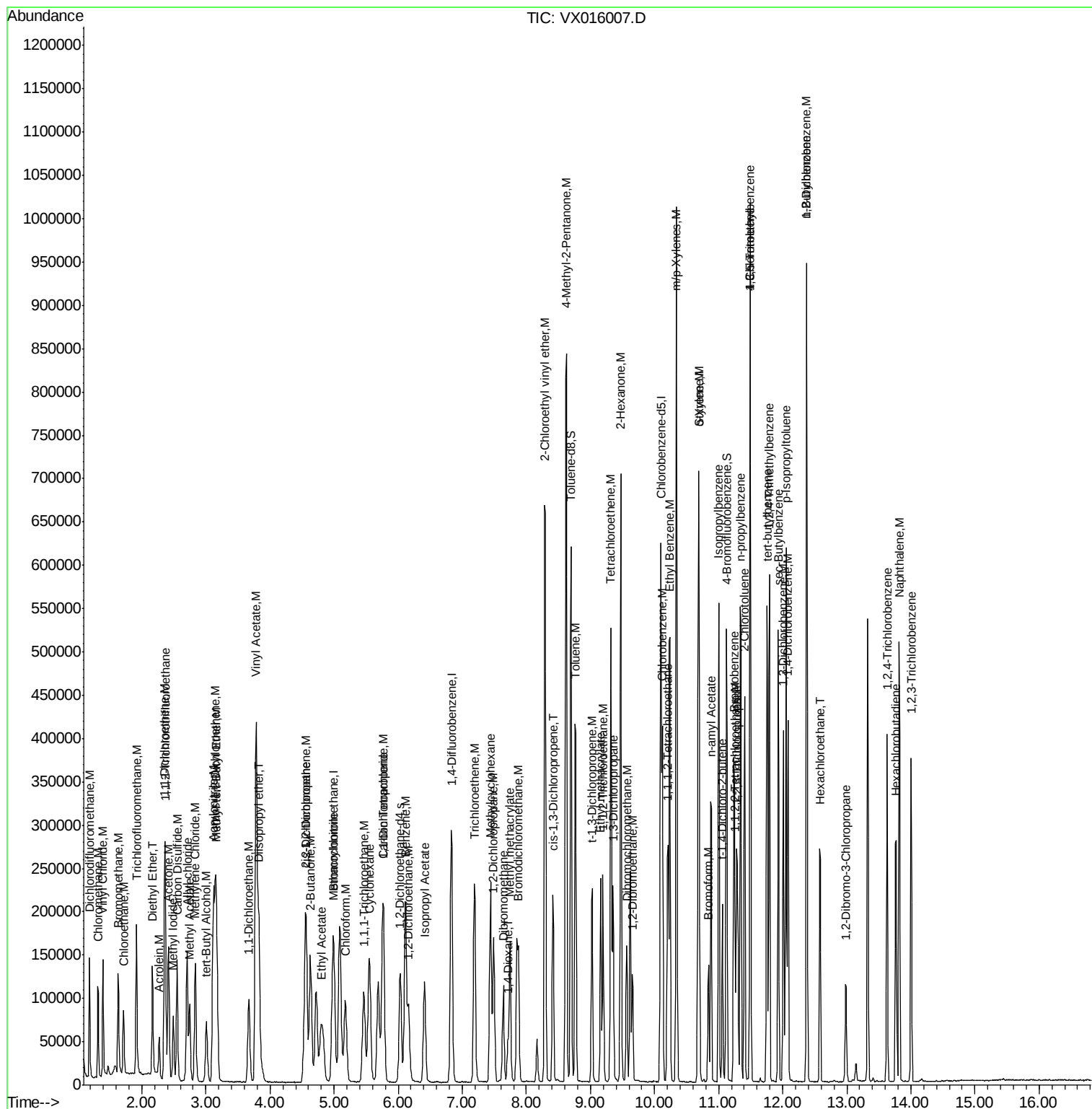
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Data File : VX016007.D
Acq On : 01 May 2020 13:24
Operator : JC/SP
Sample : VX0501WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

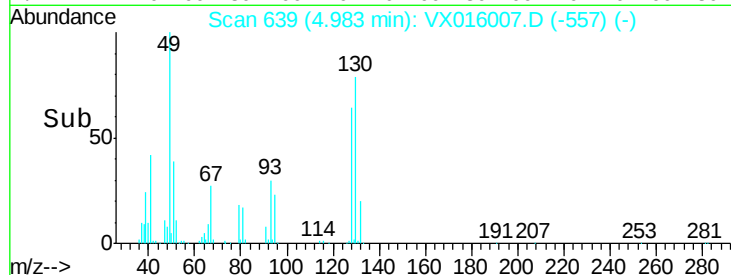
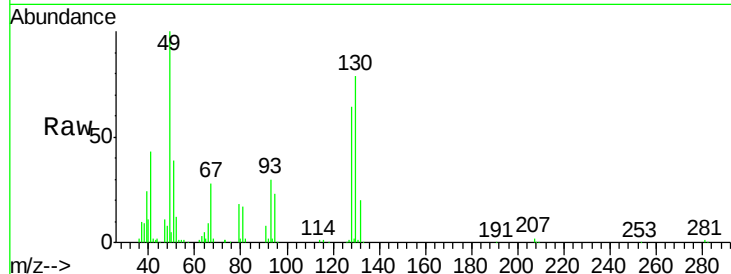
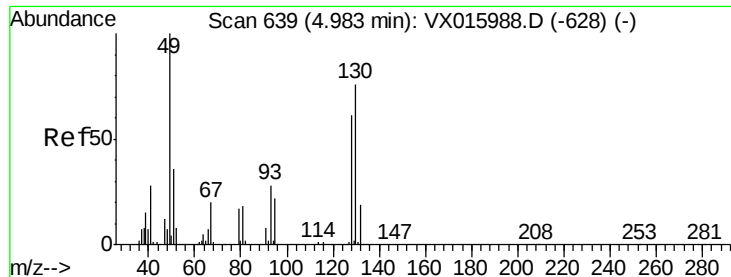
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Manual Integrations
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5/4/2020 2:19:53 PM

Quant Time: May 02 07:25:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX016007.D

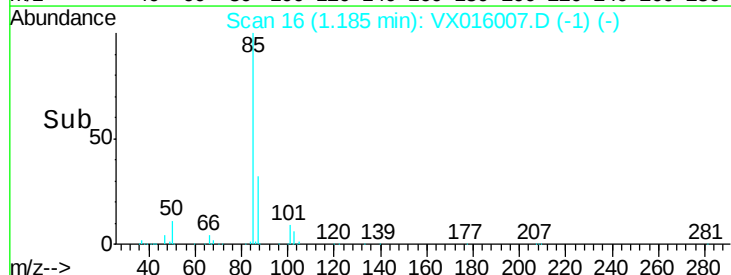
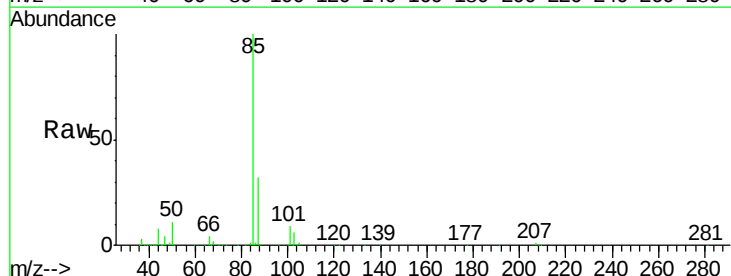
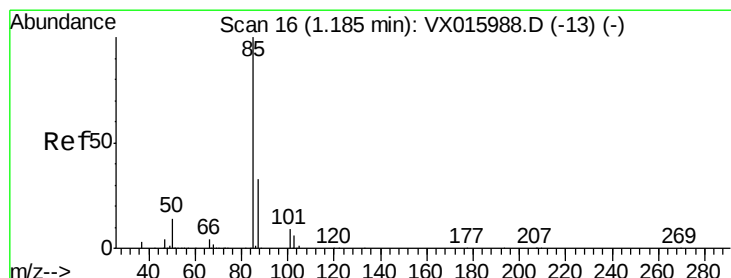
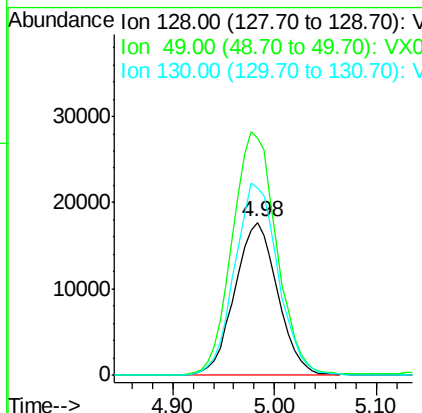
Acq: 01 May 2020 13:24

Tot Ion:	128	Resp:	51696
Ion	Ratio	Lower	Upper
128	100		
49	164.7	0.0	418.5
130	127.9	0.0	326.3

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Manual Integrations
APPROVED

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5/4/2020 2:19:53 PM



#2

Dichlorodifluoromethane

Concen: 20.030 ug/l

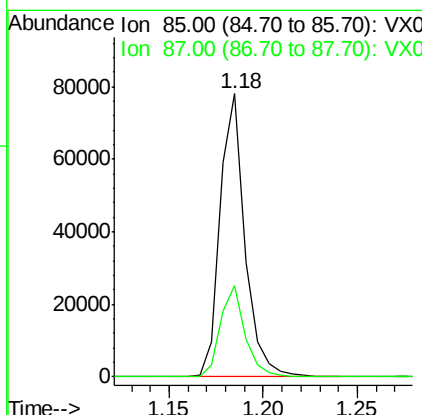
RT: 1.18 min Scan# 16

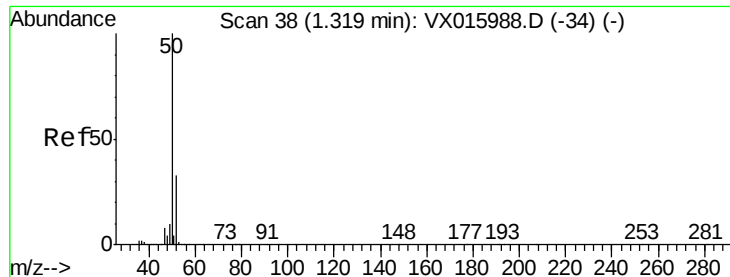
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	85	Resp:	71322
Ion	Ratio	Lower	Upper
85	100		
87	32.2	16.6	49.7





#3

Chloromethane

Concen: 19.748 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 50 Resp: 68895

Ion Ratio Lower Upper

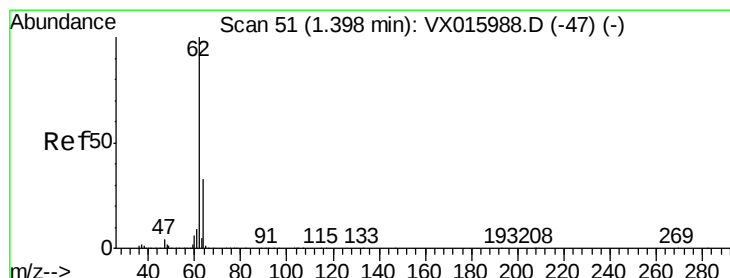
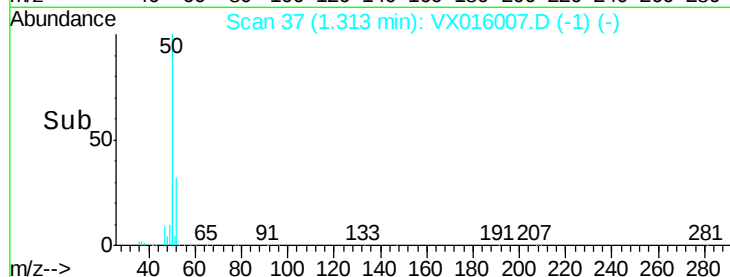
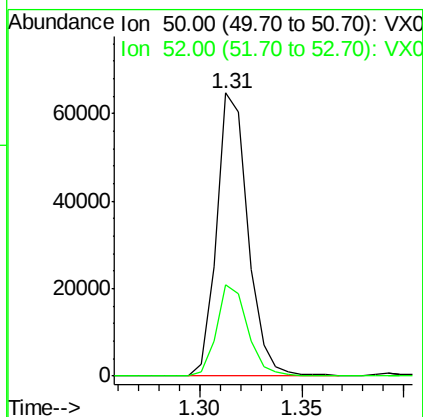
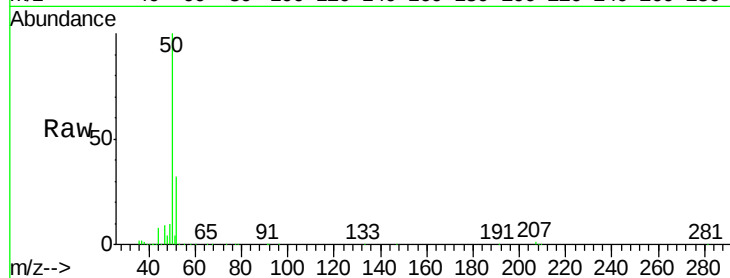
50 100

52 32.2 26.5 39.7

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 19.268 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX016007.D

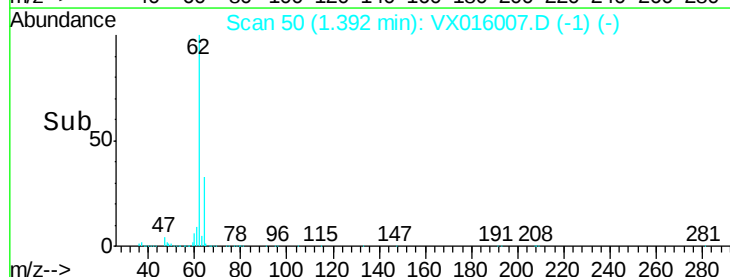
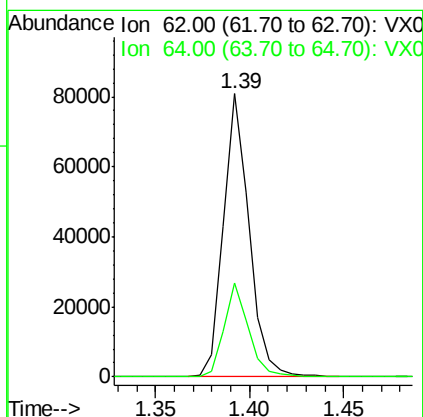
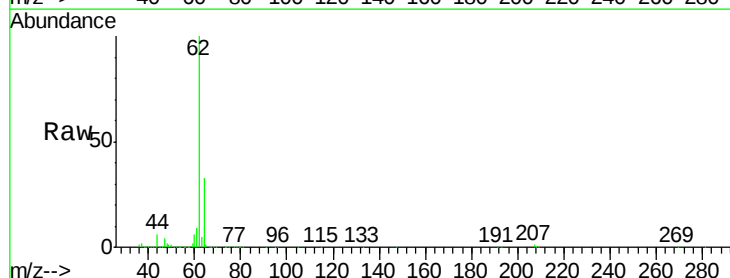
Acq: 01 May 2020 13:24

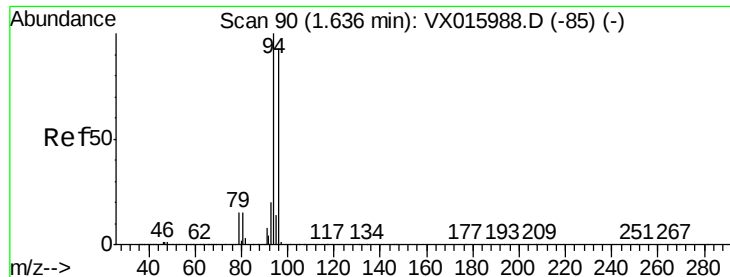
Tgt Ion: 62 Resp: 76374

Ion Ratio Lower Upper

62 100

64 33.1 26.3 39.5





#5

Bromomethane

Concen: 21.049 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 94 Resp: 51141

Ion Ratio Lower Upper

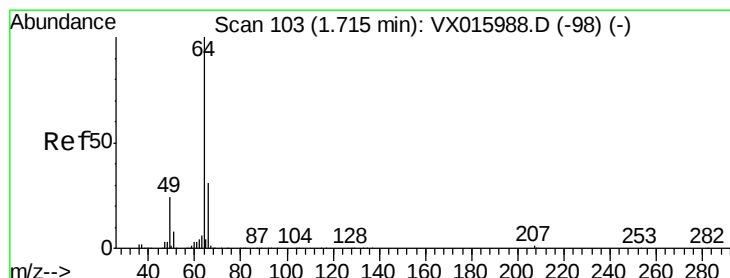
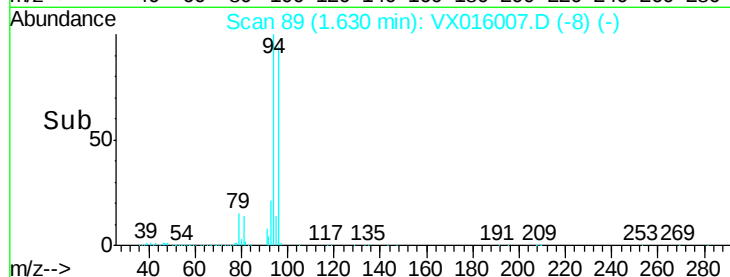
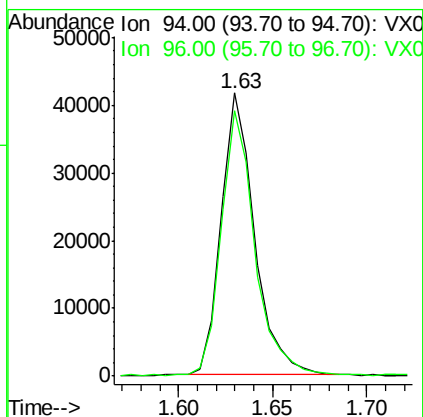
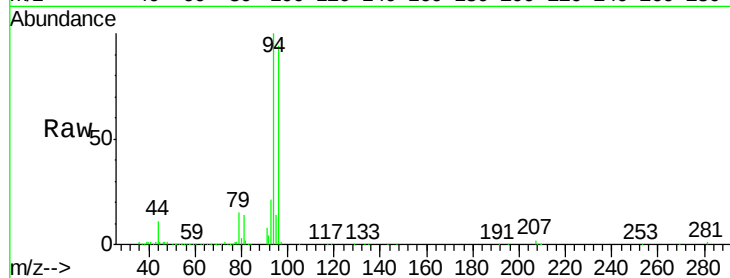
94 100

96 93.7 74.2 111.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 18.776 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016007.D

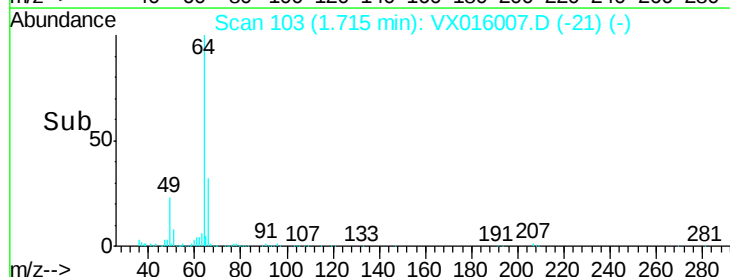
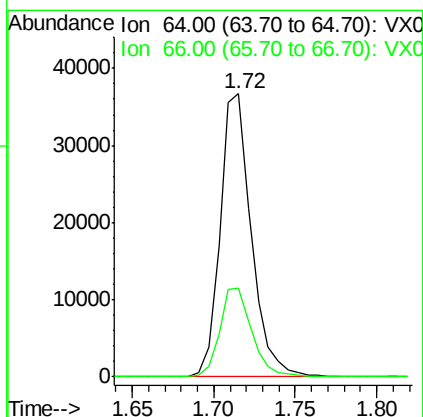
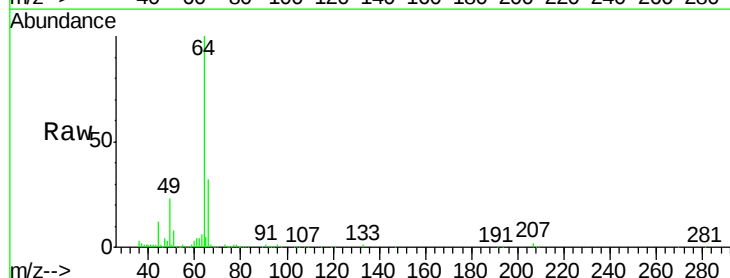
Acq: 01 May 2020 13:24

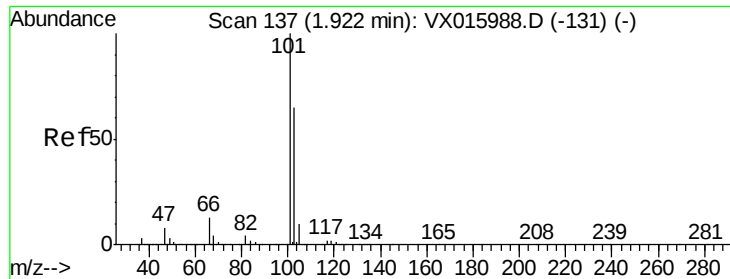
Tgt Ion: 64 Resp: 48790

Ion Ratio Lower Upper

64 100

66 31.4 24.9 37.3





#7

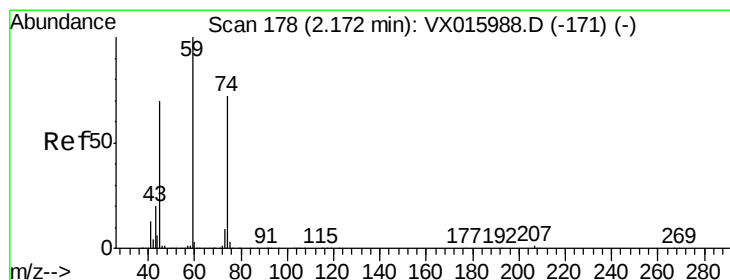
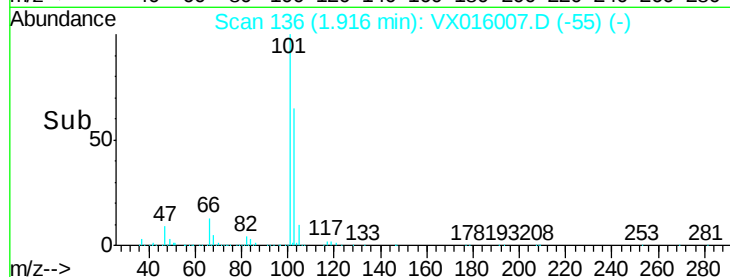
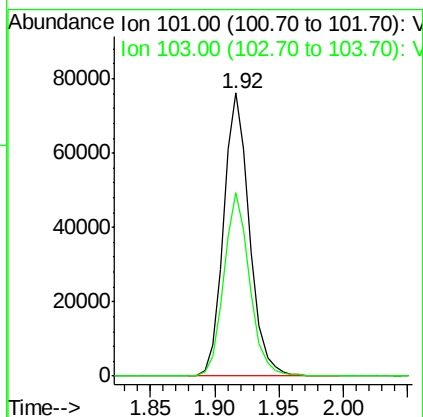
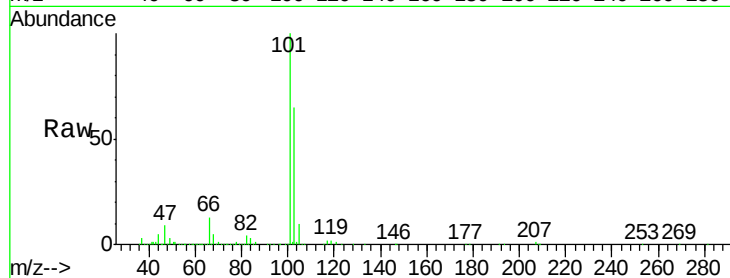
Trichlorofluoromethane
Concen: 18.933 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.8	77.8

Manual Integrations
APPROVED

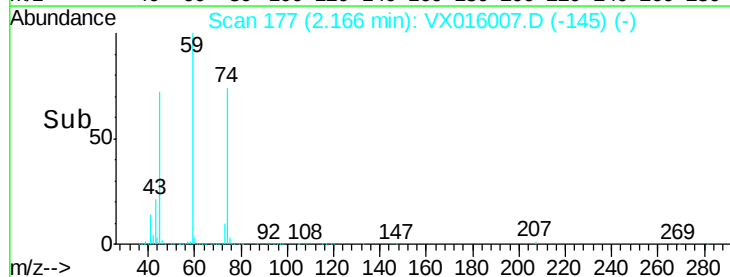
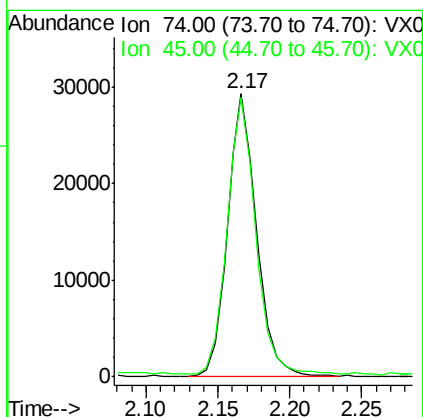
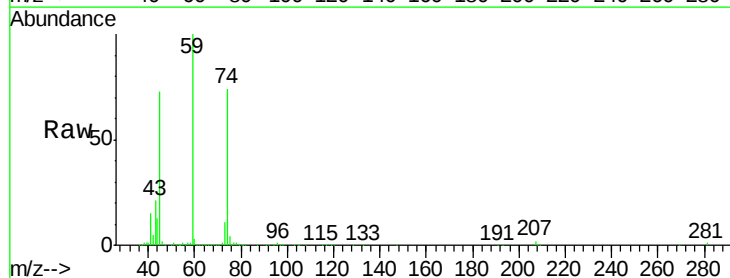
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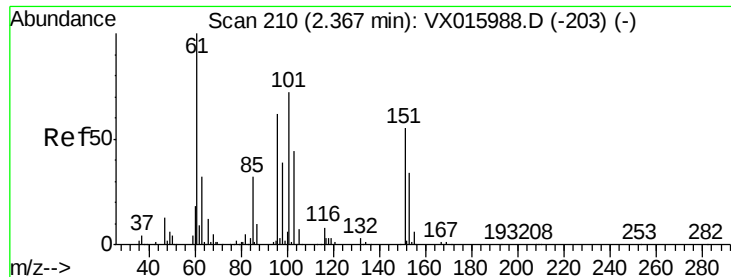


#8

Diethyl Ether
Concen: 18.118 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.8	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.247 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

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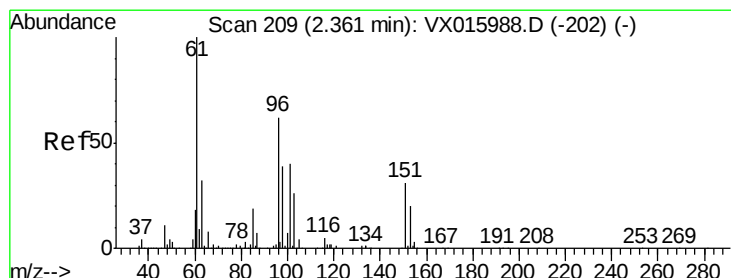
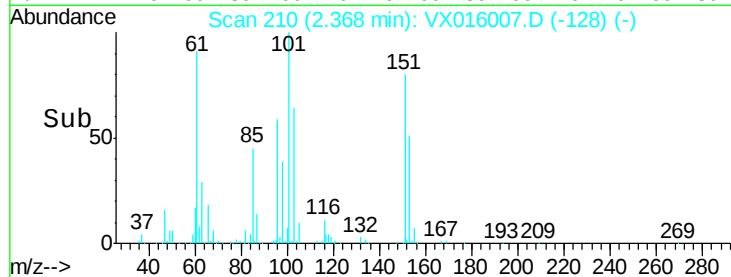
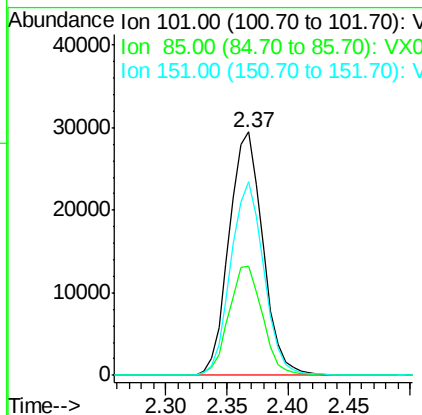
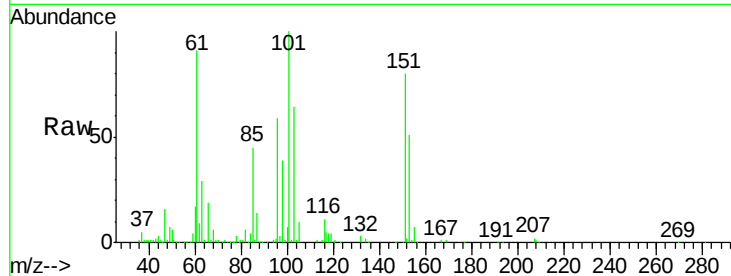
ClientSampleId :

VX0501WBS02

Tot Ion:	101	Resp:	56433
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	90.6
151	78.1	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.886 ug/l

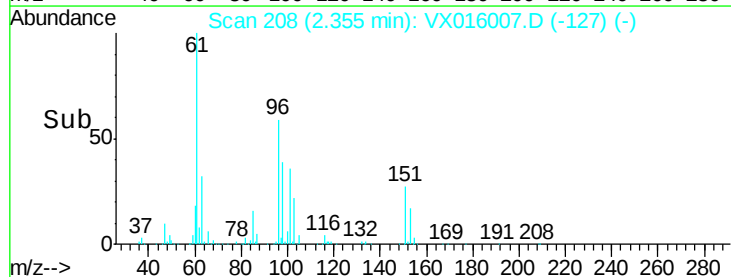
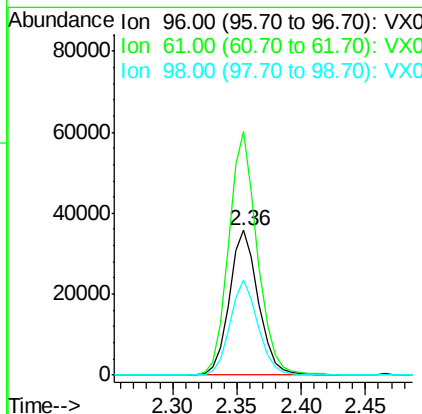
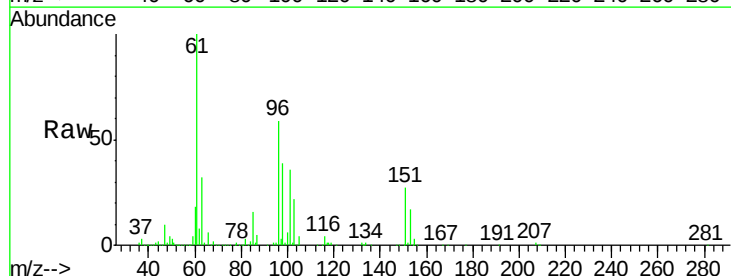
RT: 2.36 min Scan# 208

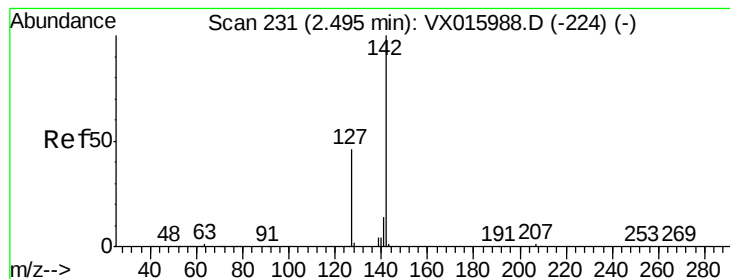
Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	96	Resp:	55869
Ion Ratio	Lower	Upper	
96	100		
61	168.9	129.8	194.8
98	66.1	51.1	76.7





#11

Methyl Iodide

Concen: 17.853 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

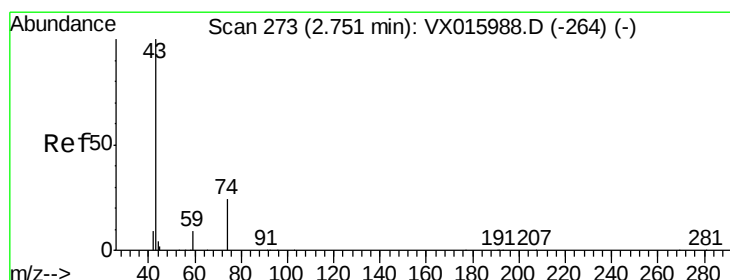
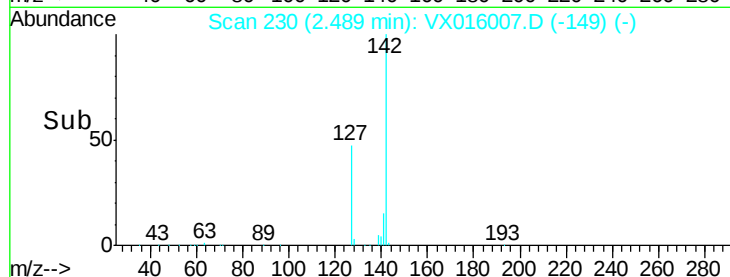
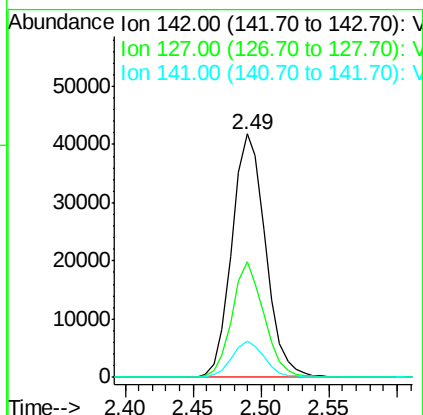
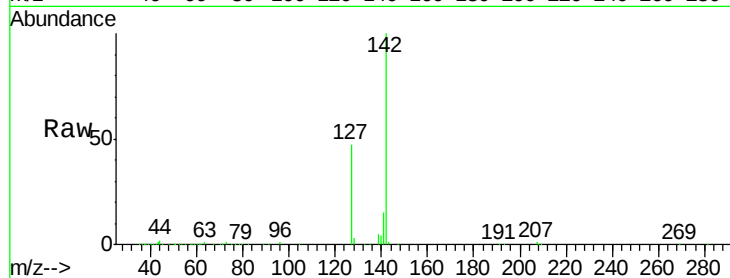
ClientSampled :

VX0501WBS02

Tot Ion:	142	Resp:	72096
Ion Ratio	Lower	Upper	
142	100		
127	47.3	22.8	68.4
141	15.0	7.0	21.1

Manual Integrations
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#12

Methyl Acetate

Concen: 19.223 ug/l

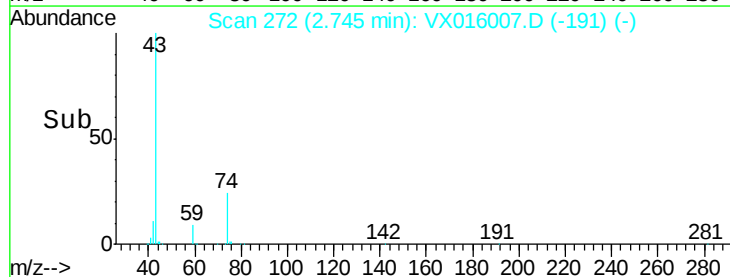
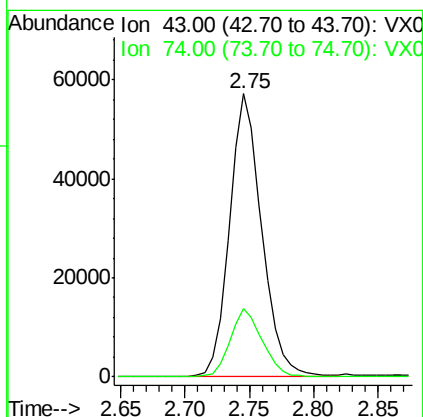
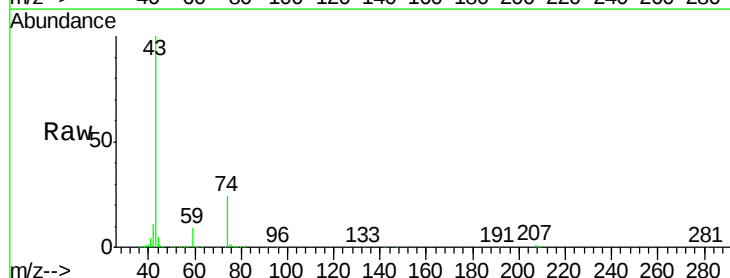
RT: 2.75 min Scan# 272

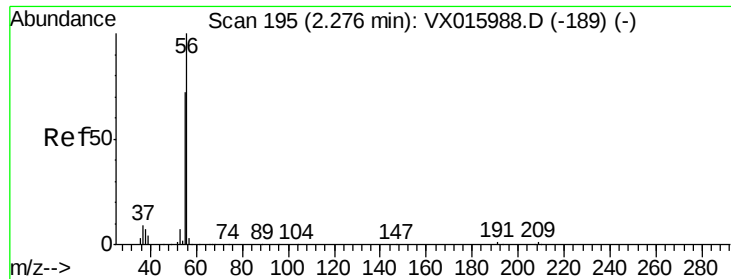
Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	43	Resp:	99281
Ion Ratio	Lower	Upper	
43	100		
74	23.9	19.0	28.4





#13

Acrolein

Concen: 78.248 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 56 Resp: 32398

Ion Ratio Lower Upper

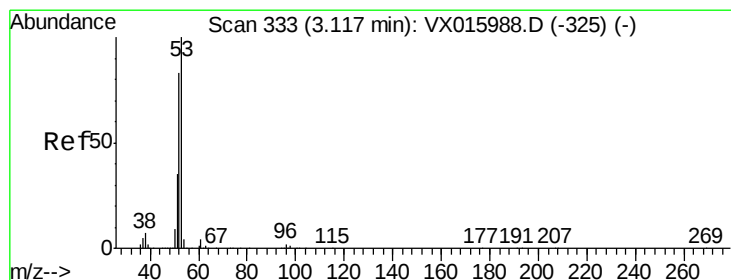
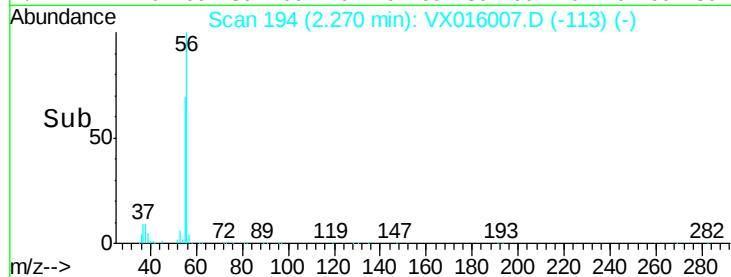
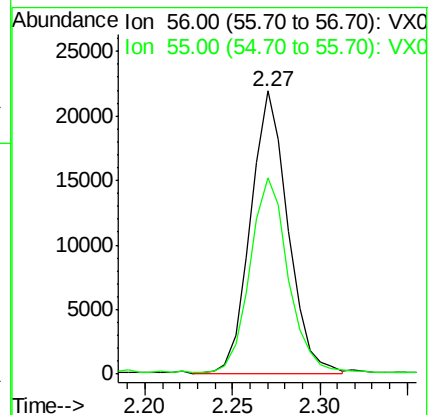
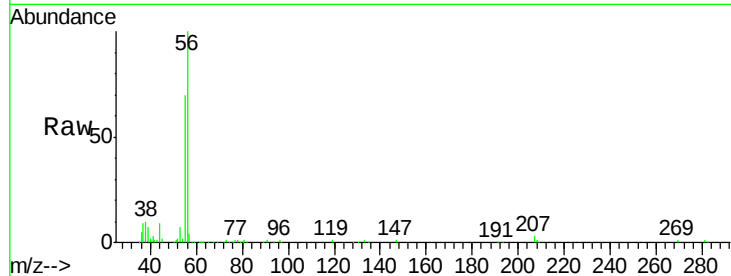
56 100

55 71.0 56.2 84.4

Manual Integrations
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#14

Acrylonitrile

Concen: 92.271 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

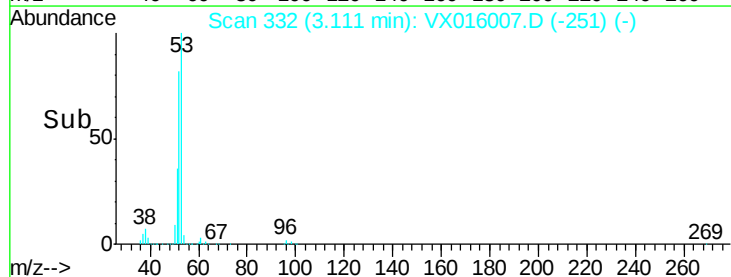
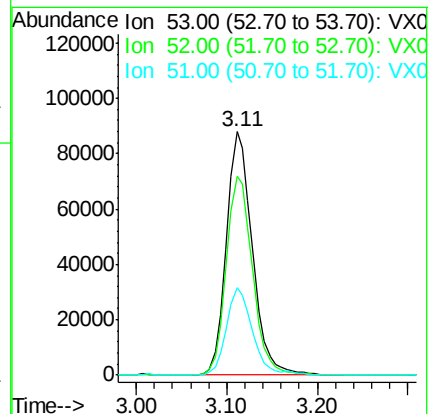
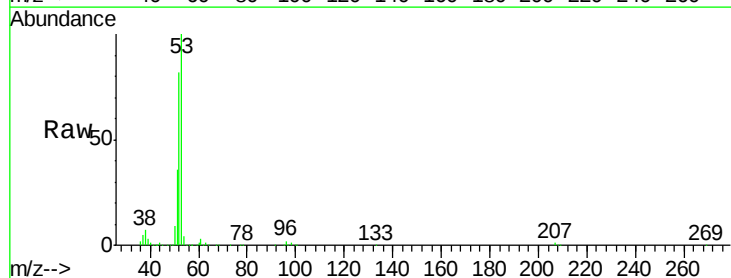
Tgt Ion: 53 Resp: 176029

Ion Ratio Lower Upper

53 100

52 82.7 41.2 123.6

51 36.1 17.8 53.5





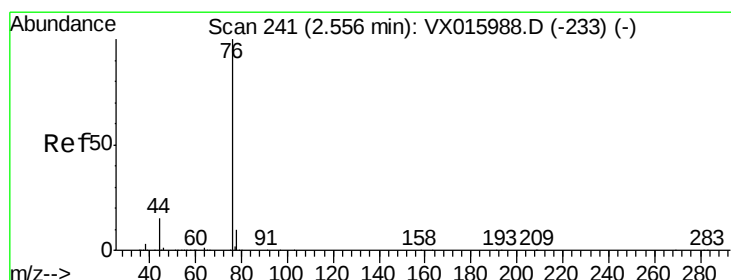
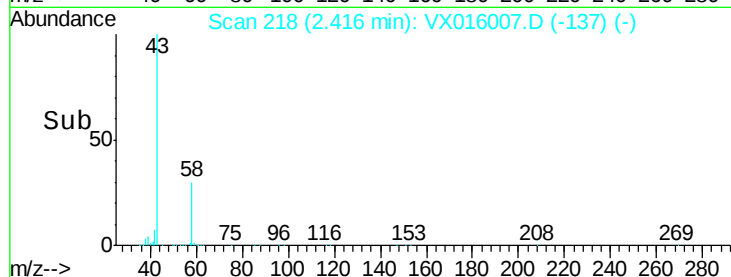
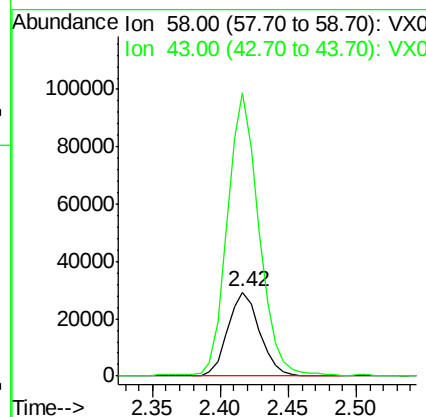
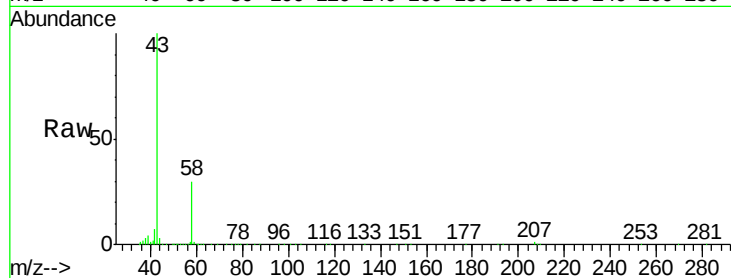
#15
Acetone
Concen: 94.355 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	58	43	Resp	Lower	Upper
58	100		47638		
43	335.3		264.2	396.2	

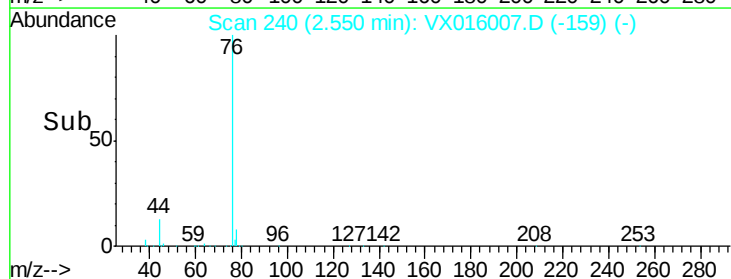
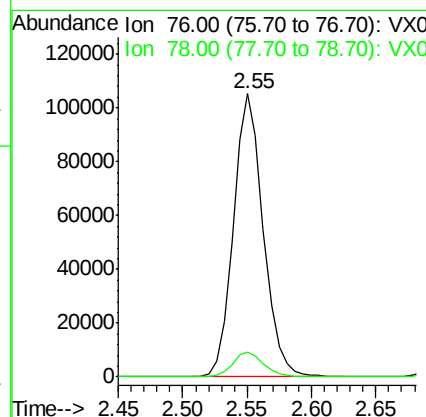
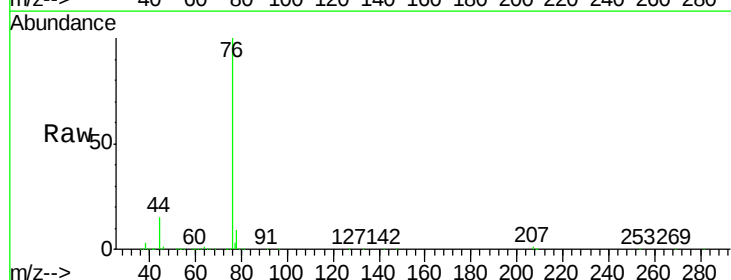
Manual Integrations
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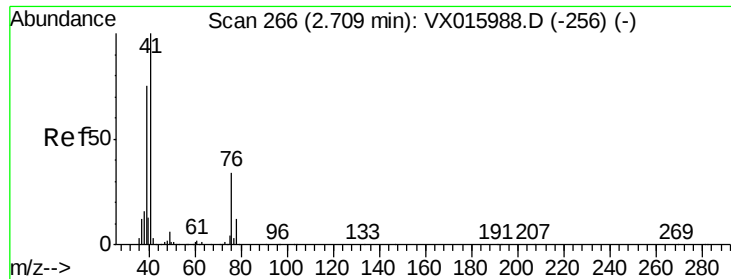
MMDadoda
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#16
Carbon Disulfide
Concen: 18.817 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	76	78	Resp	Lower	Upper
76	100		169343		
78	8.8		7.7	11.5	





#17

Allvl chloride

Concen: 18.543 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

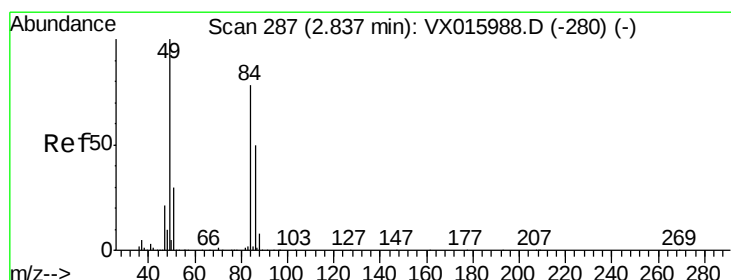
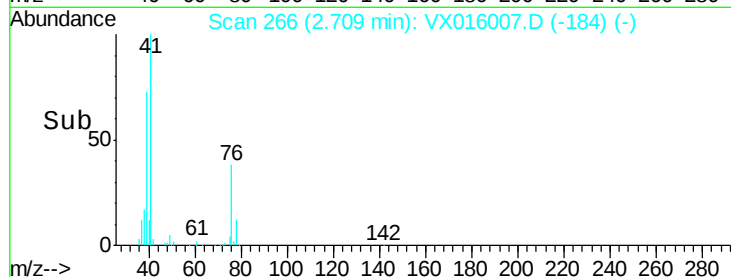
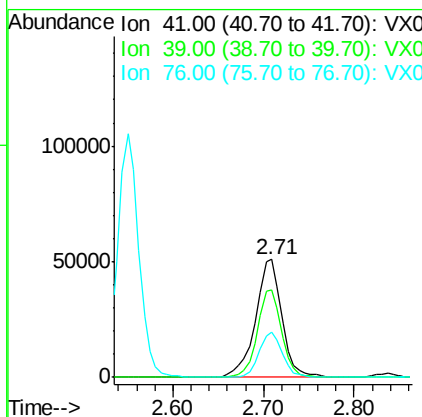
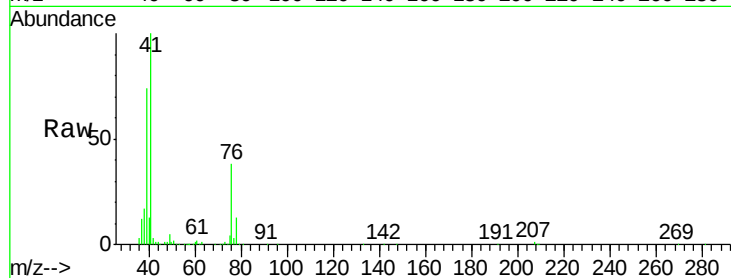
ClientSampled :

VX0501WBS02

Tot Ion:	41	Resp:	101757
Ion Ratio		Lower	Upper
41	100		
39	73.7	37.6	112.8
76	38.0	17.2	51.5

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#18

Methylene Chloride

Concen: 18.806 ug/l

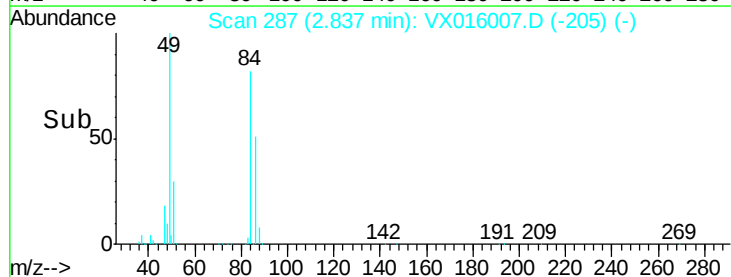
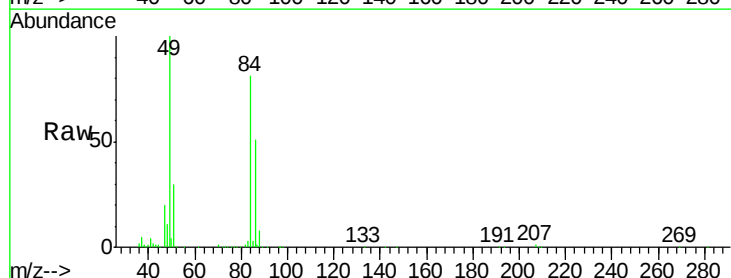
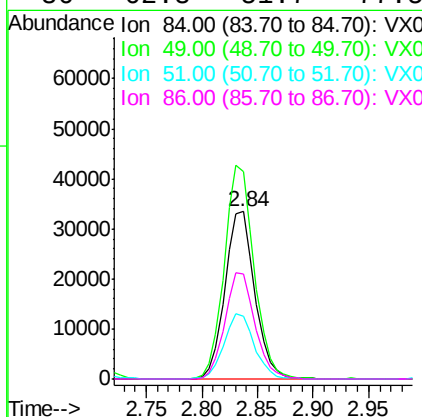
RT: 2.84 min Scan# 287

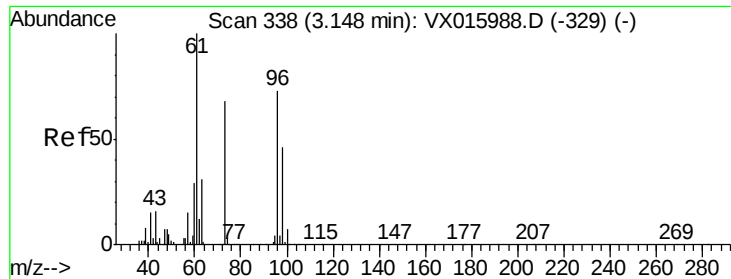
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	84	Resp:	62320
Ion Ratio		Lower	Upper
84	100		
49	123.4	103.0	154.4
51	37.2	31.4	47.0
86	62.8	51.7	77.5





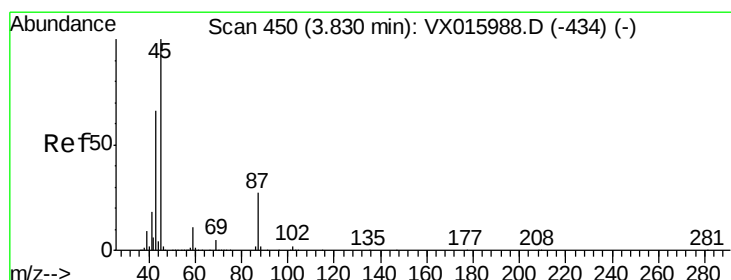
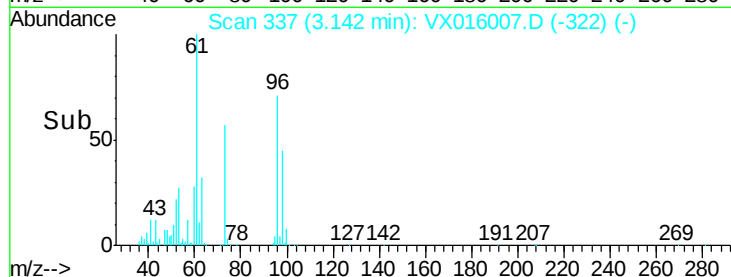
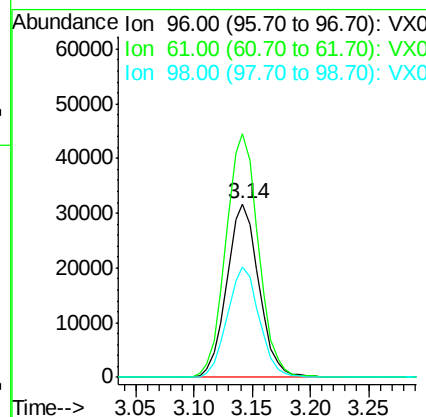
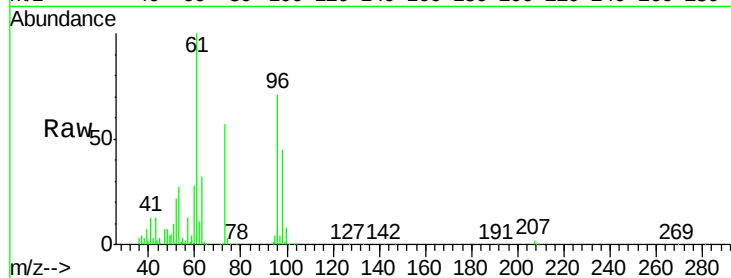
#19
trans-1,2-Dichloroethene
Concen: 18.648 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.7	109.0	163.4
98	63.9	50.0	75.0

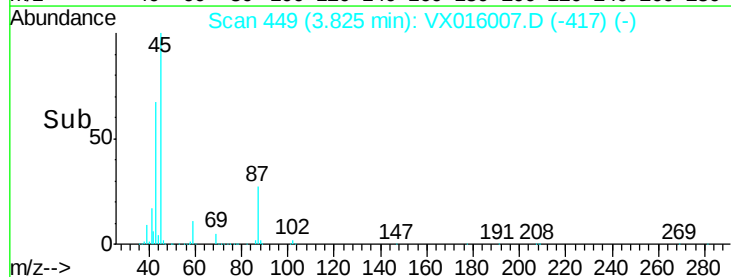
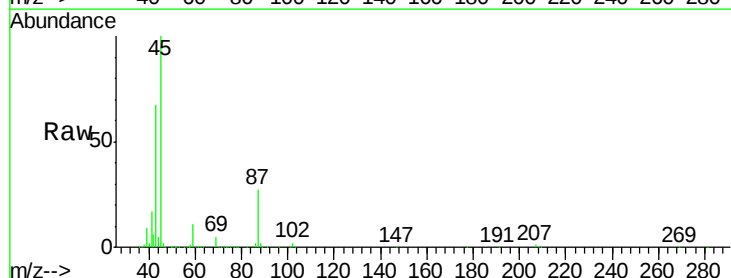
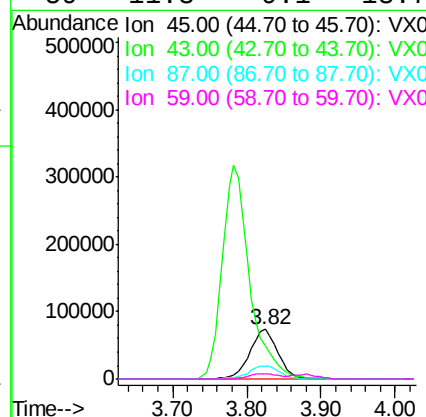
Manual Integrations
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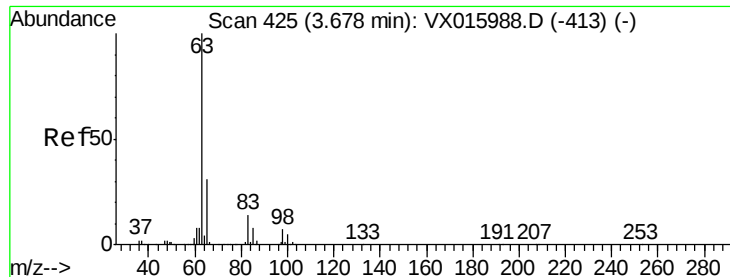
MMDadoda
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#20
Diisopropyl ether
Concen: 18.462 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.5	53.0	79.4
87	26.8	21.9	32.9
59	11.3	9.1	13.7





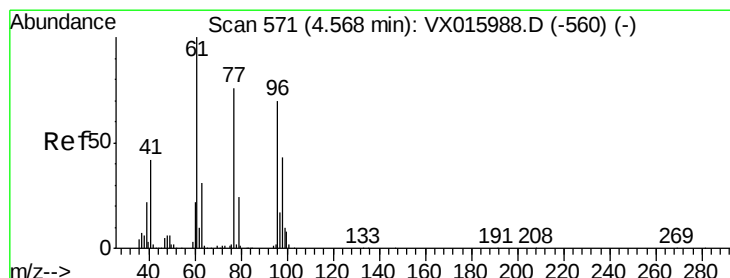
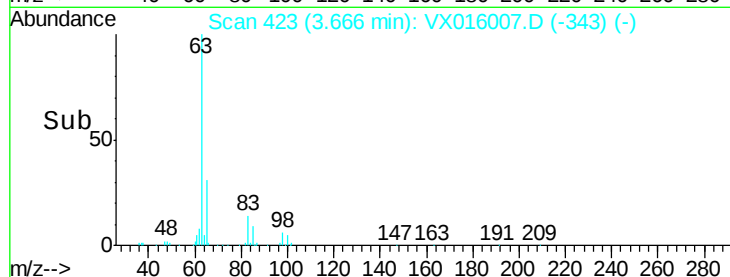
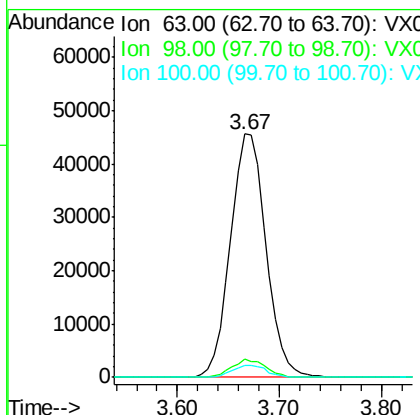
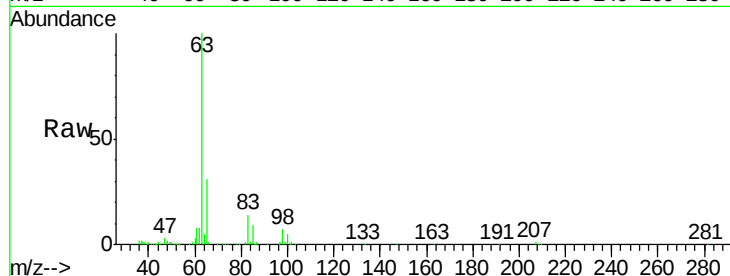
#21
 1,1-Dichloroethane
 Concen: 18.655 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion:	63	Resp:	110059
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.5	10.4
100	5.0	2.3	6.9

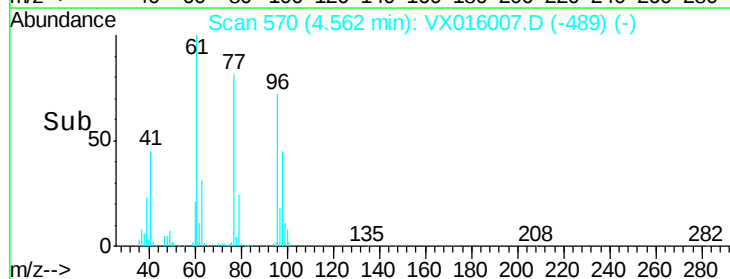
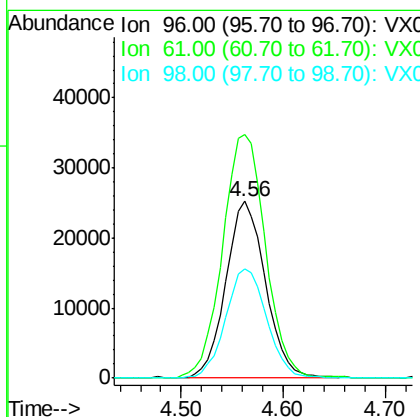
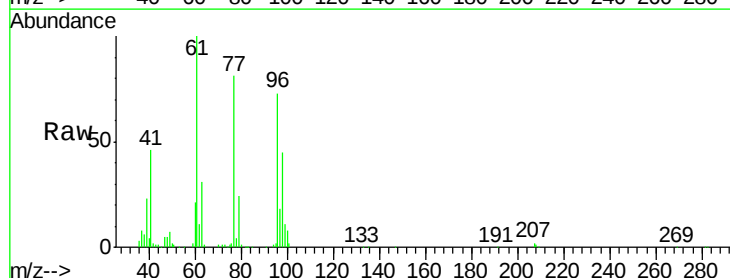
Manual Integrations
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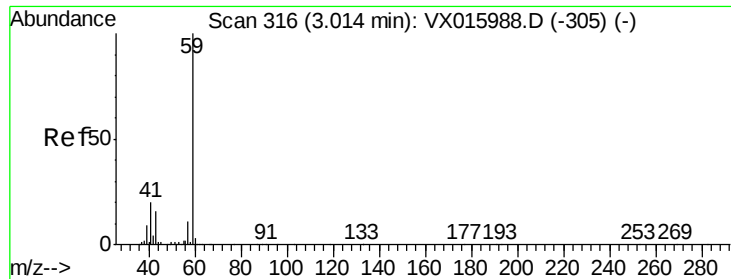
MMDadoda
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#22
 cis-1,2-Dichloroethene
 Concen: 18.578 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion:	96	Resp:	68212
Ion Ratio	Lower	Upper	
96	100		
61	148.8	121.6	182.4
98	64.1	51.9	77.9





#23

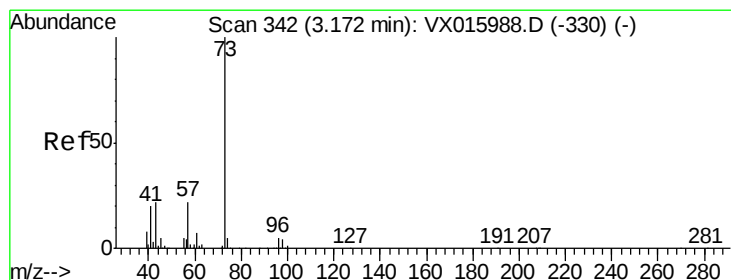
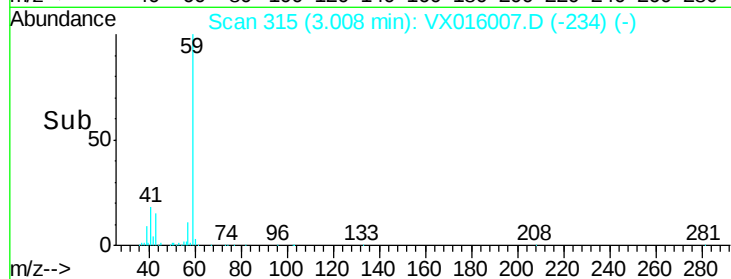
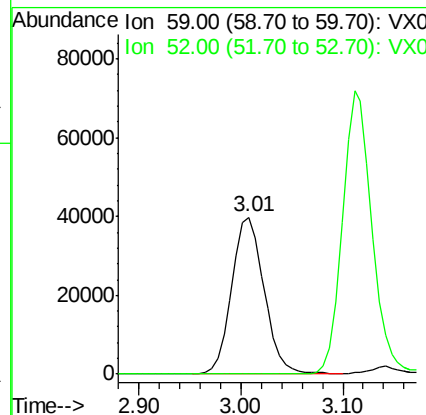
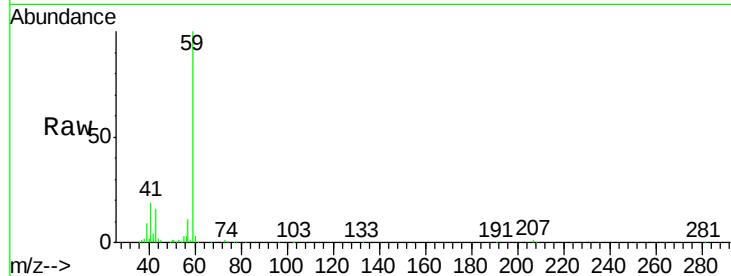
tert-Butyl Alcohol
 Concen: 93.481 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
52	52	0.2	0.1	0.1#

Manual Integrations
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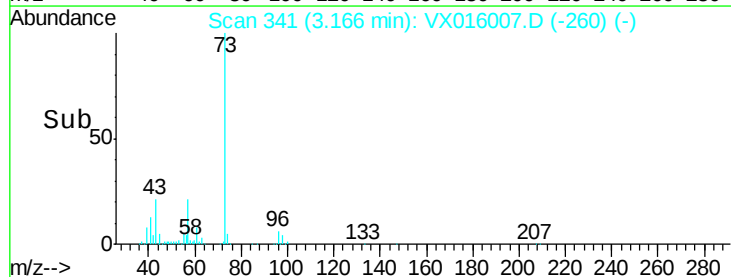
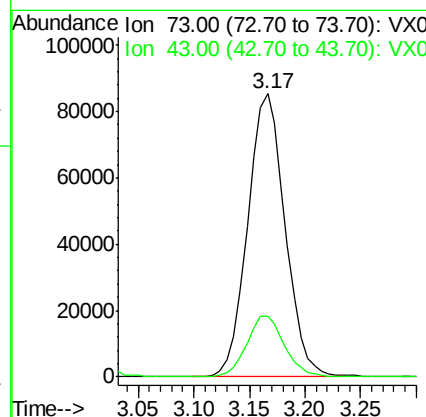
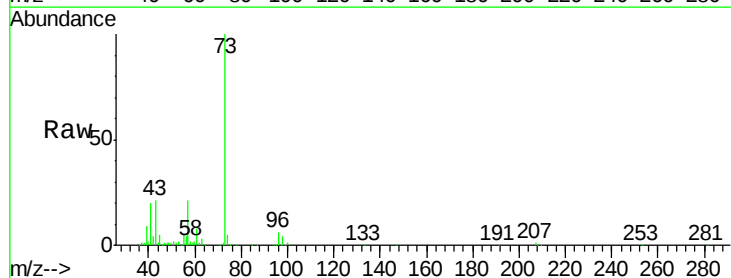
MMDadoda
 5/4/2020 2:19:53 PM

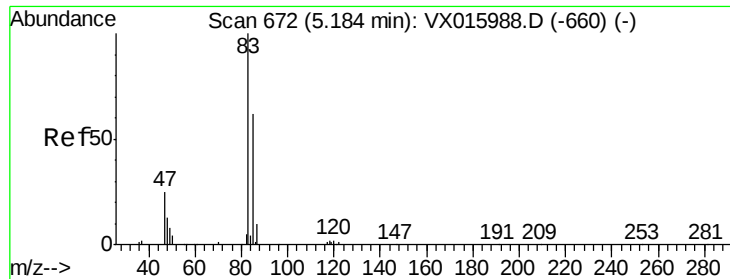


#24

Methyl tert-Butyl Ether
 Concen: 18.654 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
73	73	100		
43	43	21.6	17.8	26.6





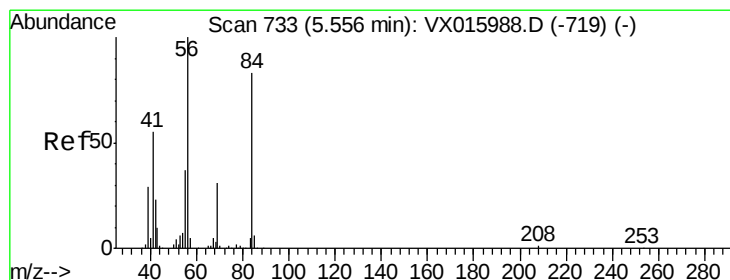
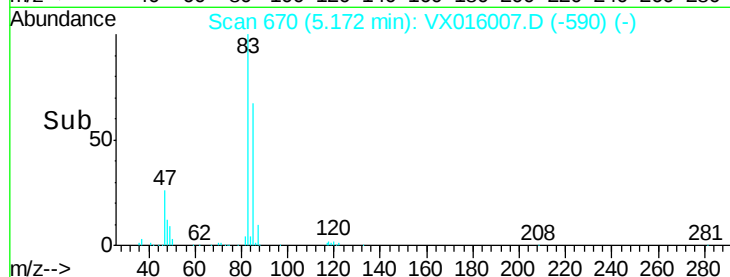
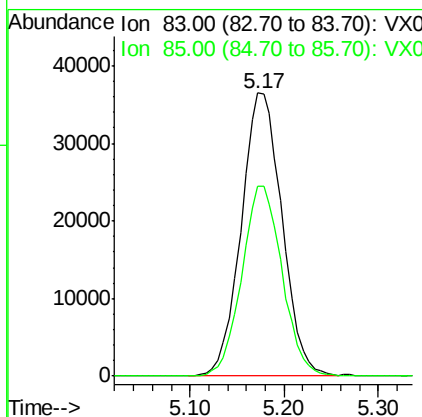
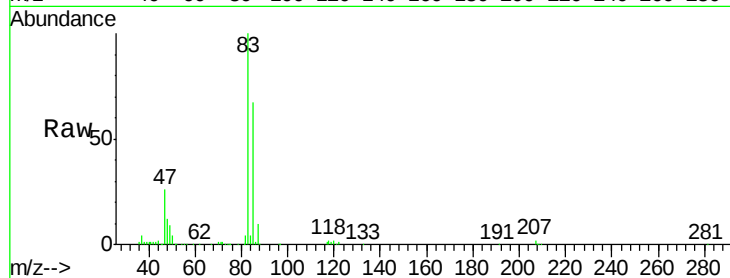
#25
Chloroform
Concen: 18.445 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	83	Resp	110521
Ion Ratio	100	Lower	Upper
83	100		
85	67.2	49.6	74.4

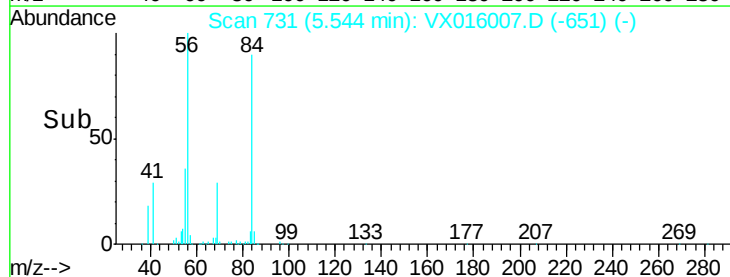
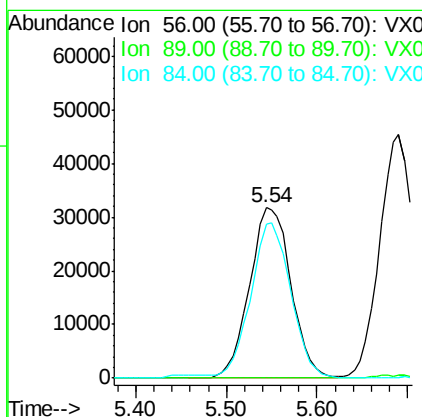
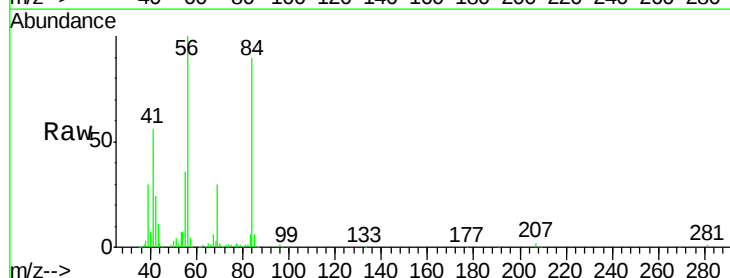
Manual Integrations
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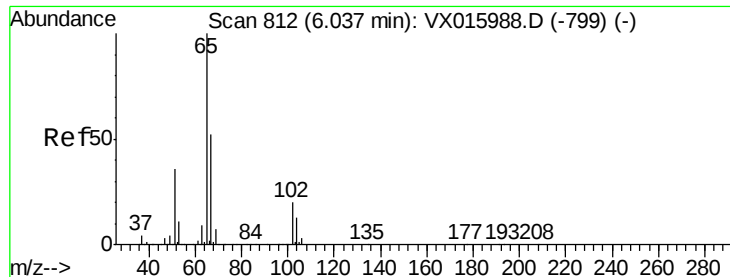
MMDadoda
5/4/2020 2:19:53 PM



#26
Cyclohexane
Concen: 18.574 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	56	Resp	100207
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	88.2	70.1	105.1





#27

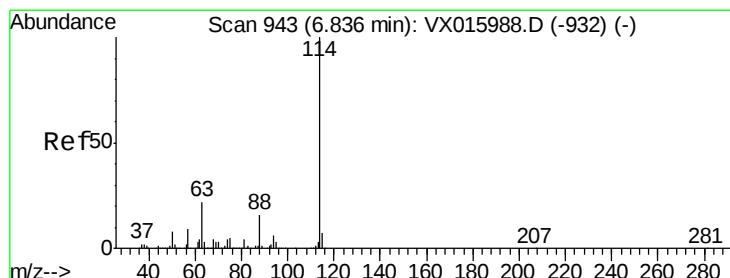
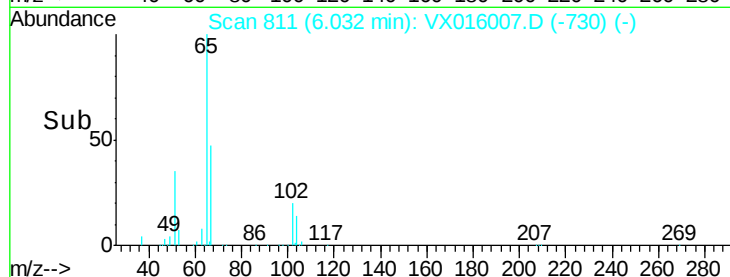
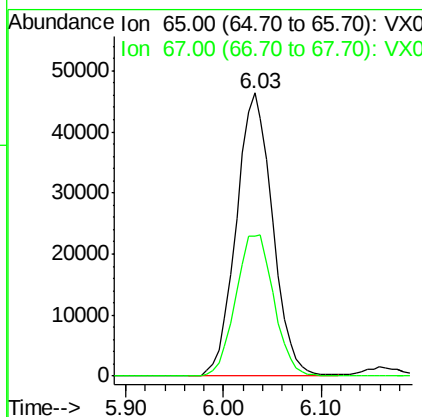
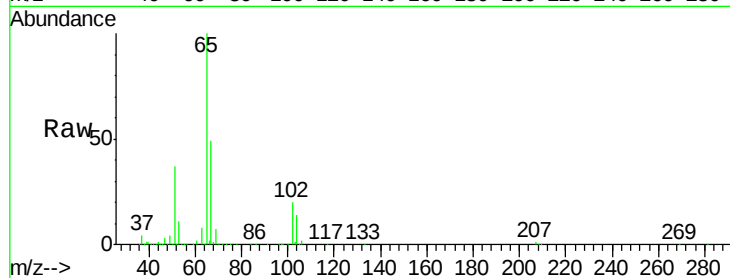
1,2-Dichloroethane-d4
Concen: 30.049 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampled :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	41.0	61.4

Manual Integrations
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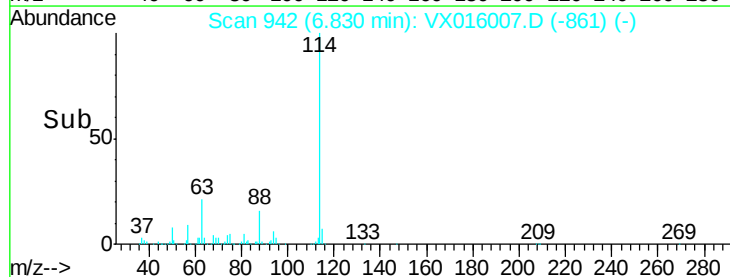
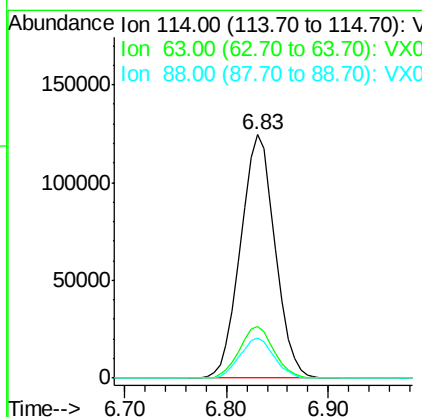
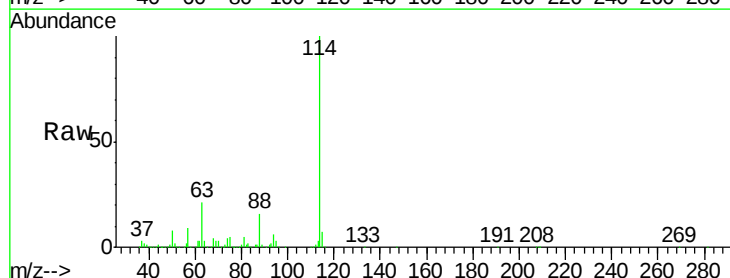
MMDadoda
5/4/2020 2:19:53 PM

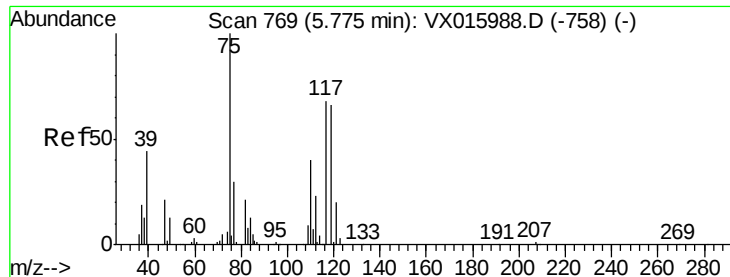


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.83 min Scan# 942
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	17.1	25.7
88	16.2	13.0	19.4





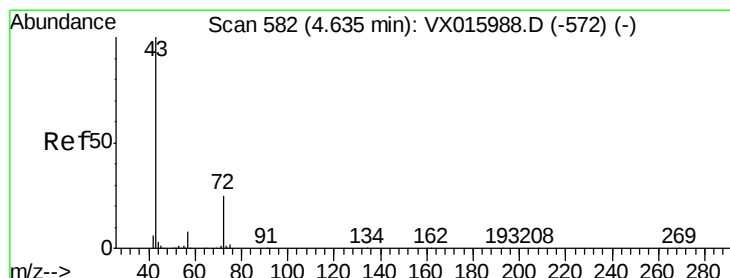
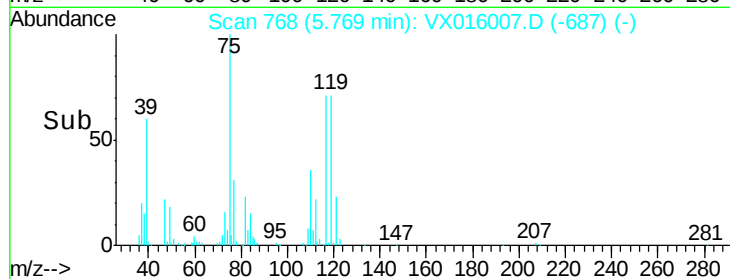
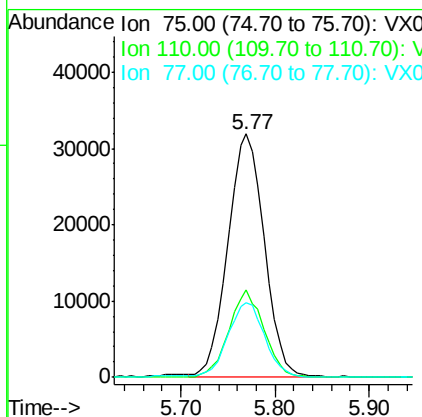
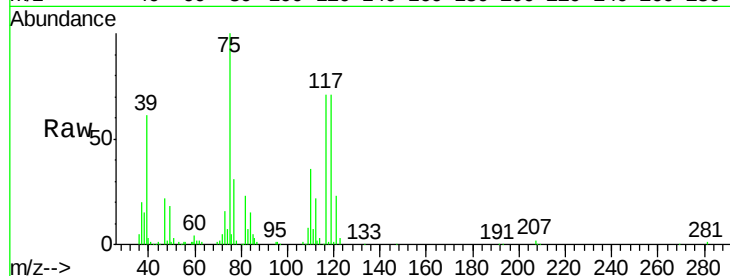
#29
 1,1-Dichloropropene
 Concen: 18.645 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion:	75	Resp:	85715
Ion Ratio	Lower	Upper	
75	100		
110	34.7	0.0	71.0
77	30.9	0.0	64.2

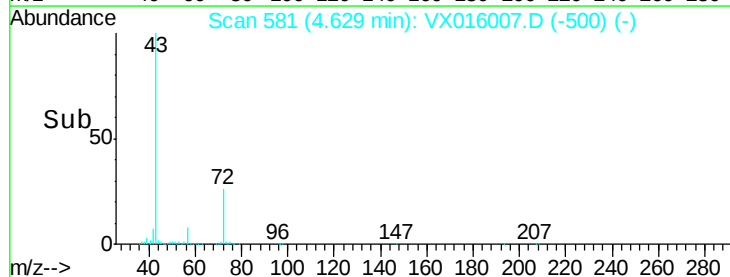
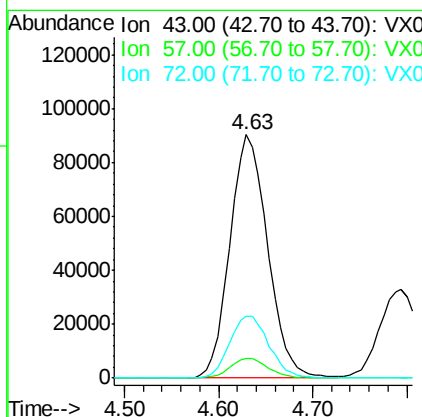
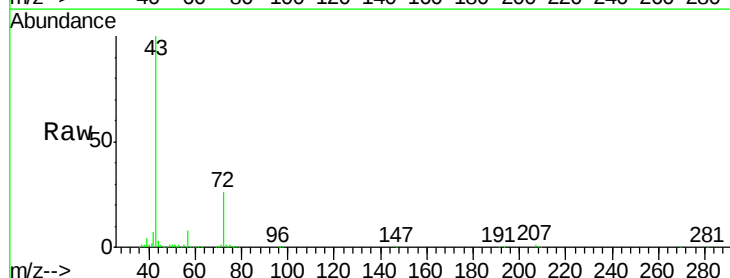
Manual Integrations
 APPROVED

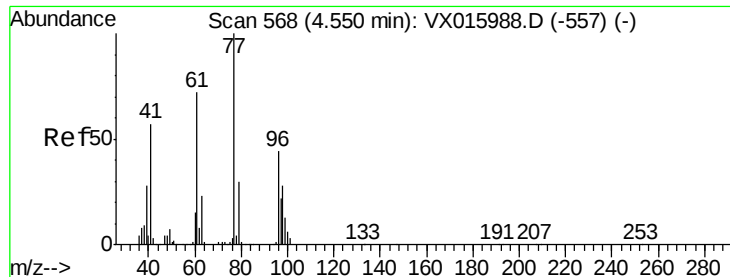
MMDadoda
 5/4/2020 2:19:53 PM



#30
 2-Butanone
 Concen: 91.451 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion:	43	Resp:	250505
Ion Ratio	Lower	Upper	
43	100		
57	8.4	6.3	9.5
72	26.5	20.8	31.2





#31

2,2-Dichloropropane

Concen: 18.071 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 77 Resp: 99980

Ion Ratio Lower Upper

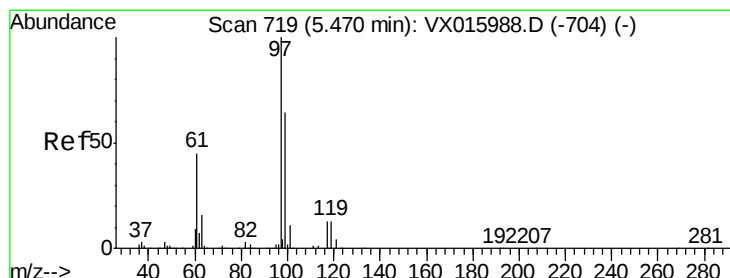
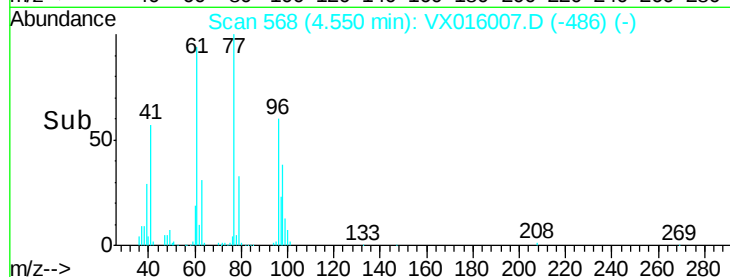
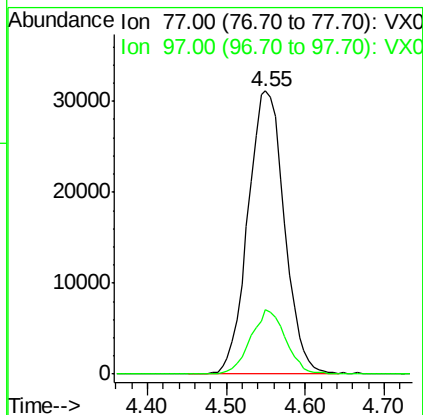
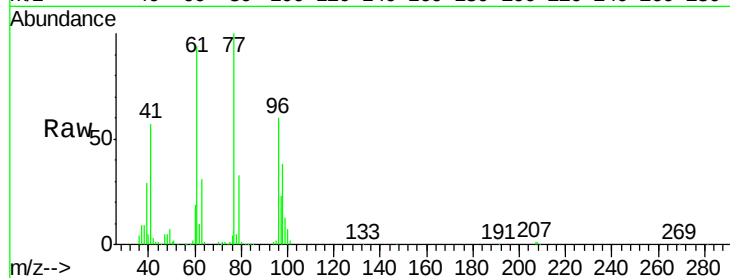
77 100

97 21.8 17.8 26.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.318 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

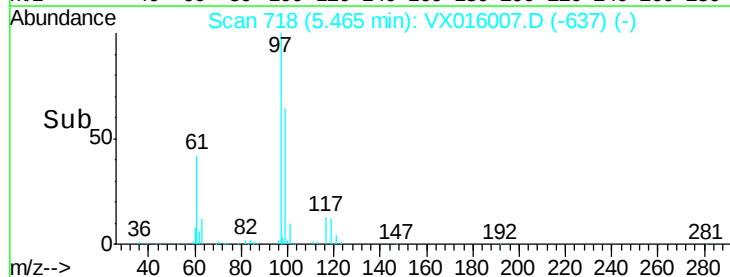
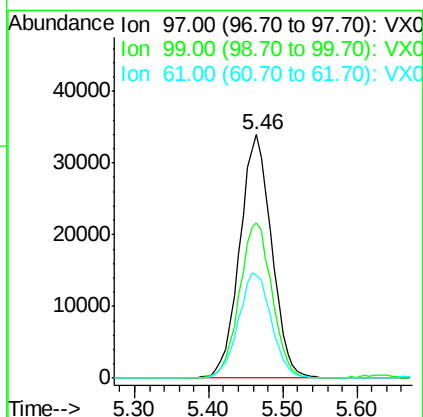
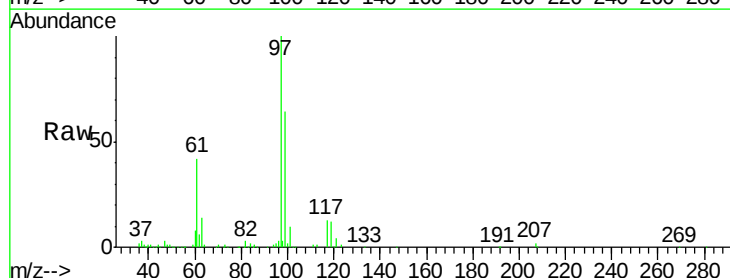
Tgt Ion: 97 Resp: 102154

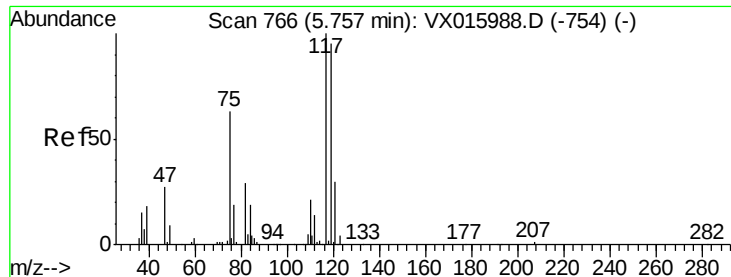
Ion Ratio Lower Upper

97 100

99 64.8 50.7 76.1

61 44.7 35.9 53.9





#33

Carbon Tetrachloride

Concen: 17.917 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

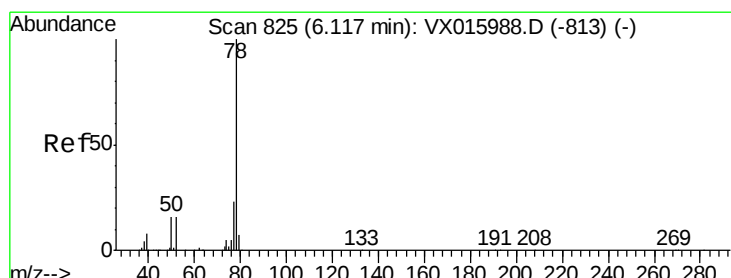
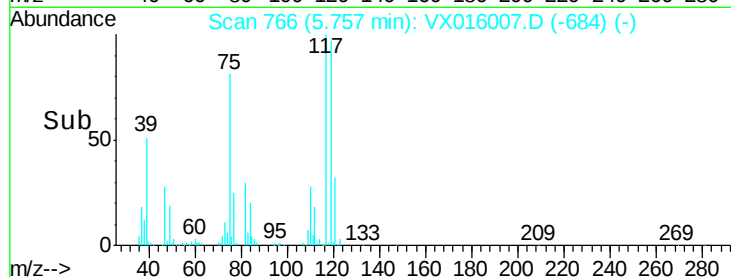
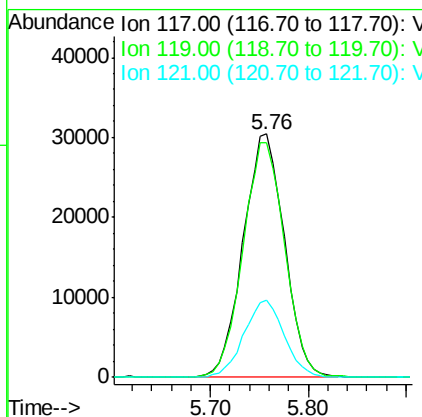
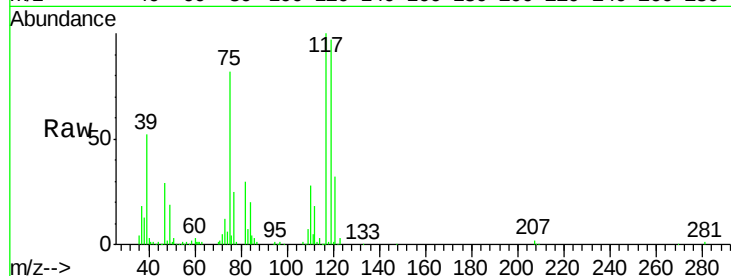
ClientSampleId :

VX0501WBS02

Tot Ion:	117	Resp:	88964
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
121	31.6	24.2	36.4

Manual Integrations
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#34

Benzene

Concen: 18.478 ug/l

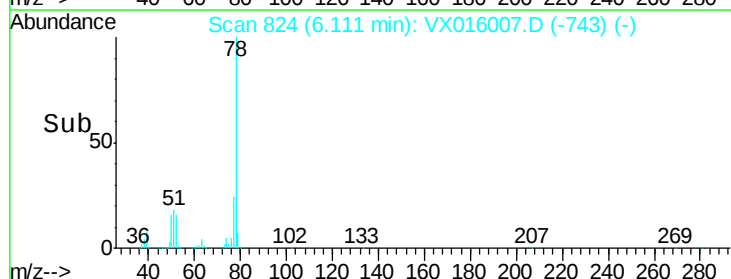
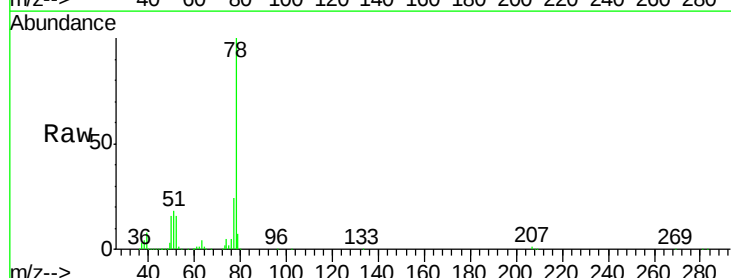
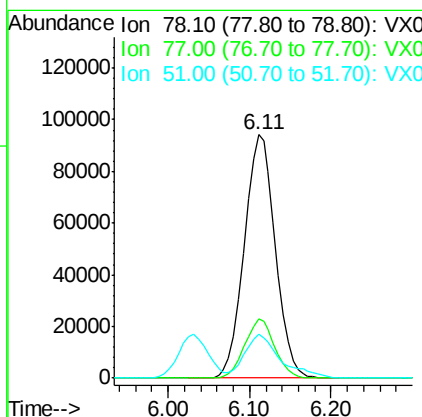
RT: 6.11 min Scan# 824

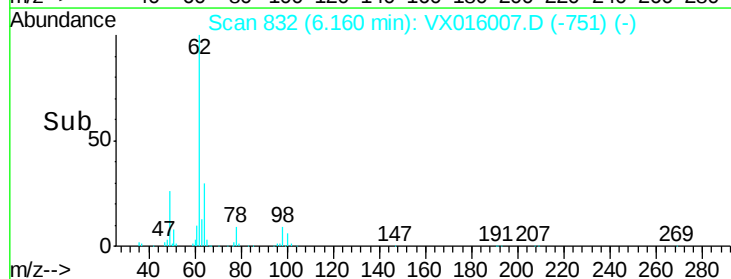
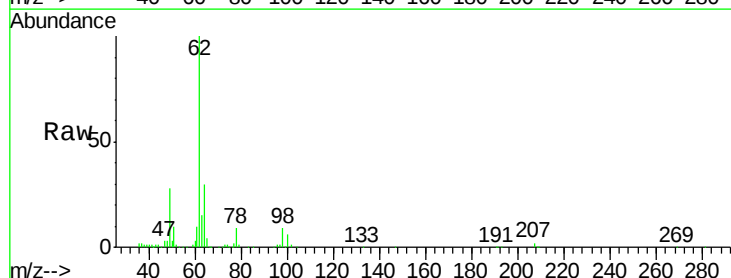
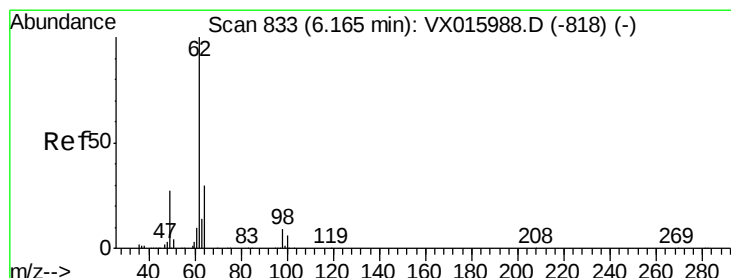
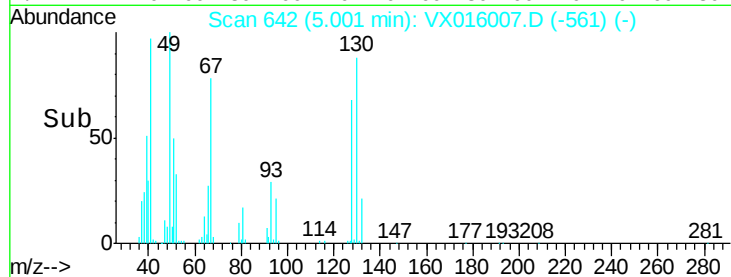
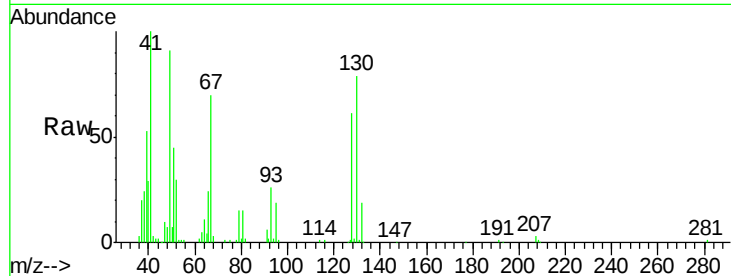
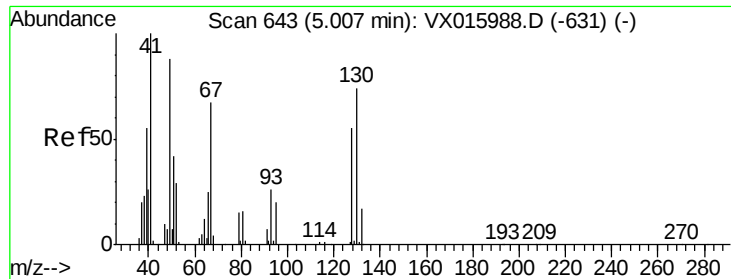
Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	78	Resp:	248112
Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1
51	17.8	12.7	19.1





#35

Methacrylonitrile

Concen: 18.474 ug/l

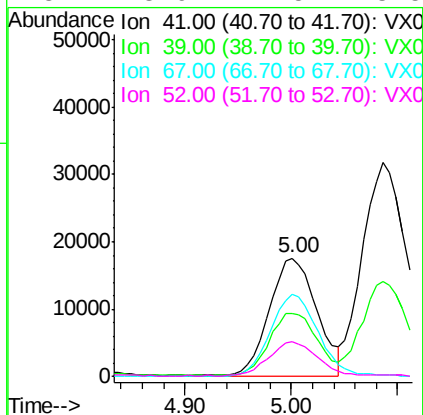
RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	27.5	82.4	
67	70.1	33.6	100.6	
52	28.9	14.5	43.5	



Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Manual Integrations
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#36

1,2-Dichloroethane

Concen: 18.284 ug/l

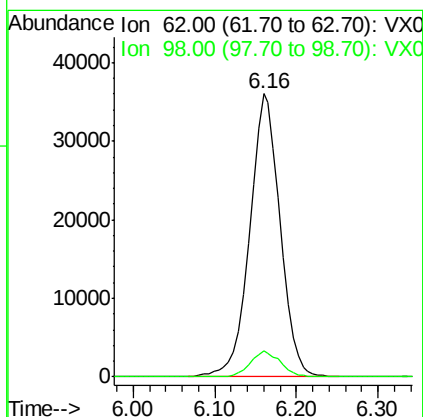
RT: 6.16 min Scan# 832

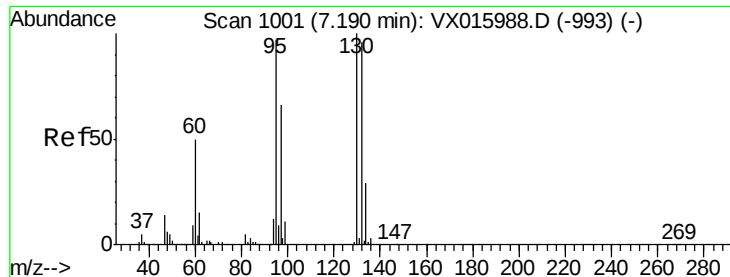
Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	7.4	11.2	





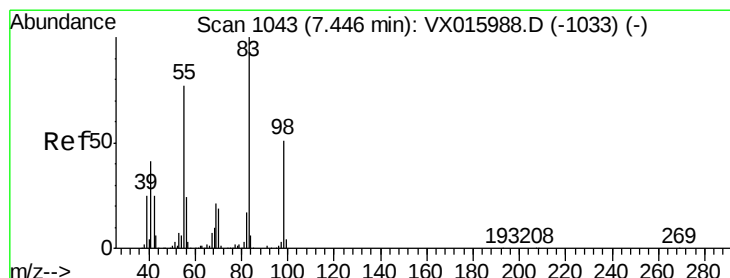
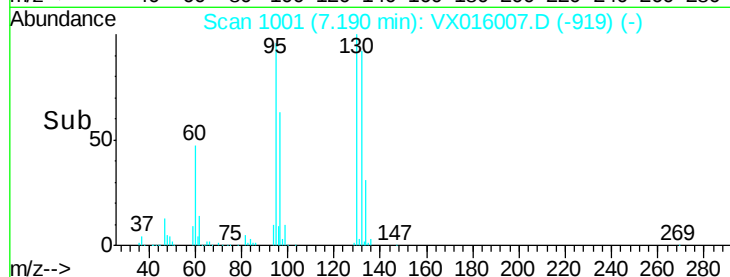
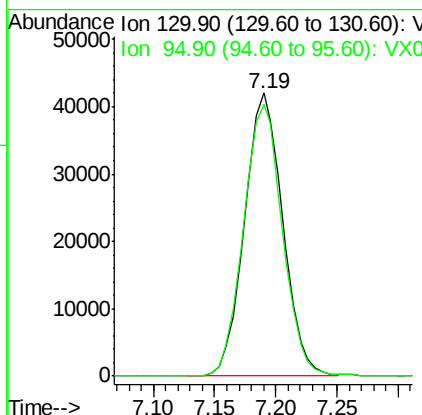
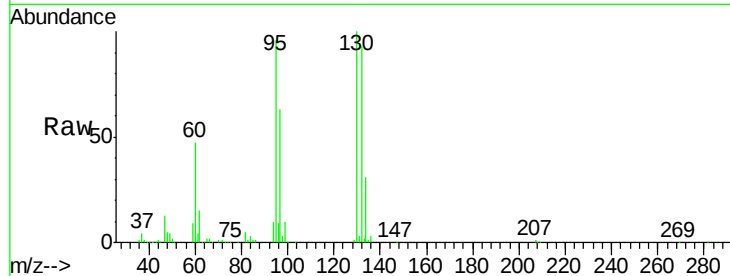
#37
 Trichloroethene
 Concen: 19.159 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion:130 Resp: 91515
 Ion Ratio Lower Upper
 130 100
 95 96.1 77.8 116.8

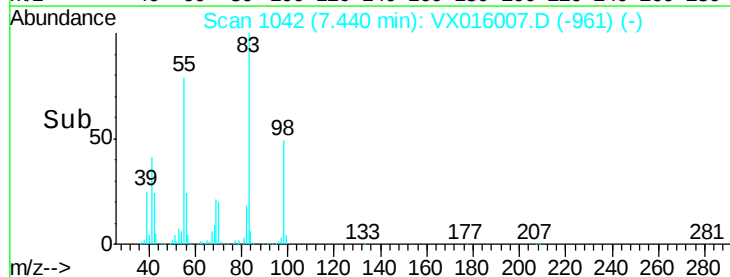
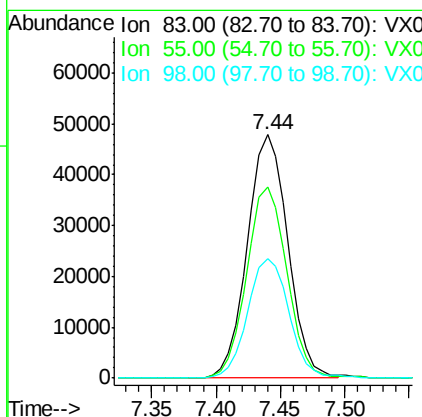
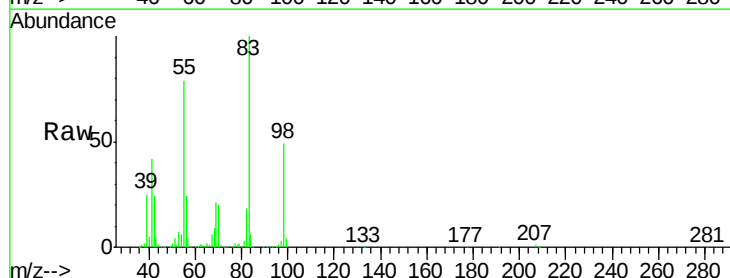
Manual Integrations
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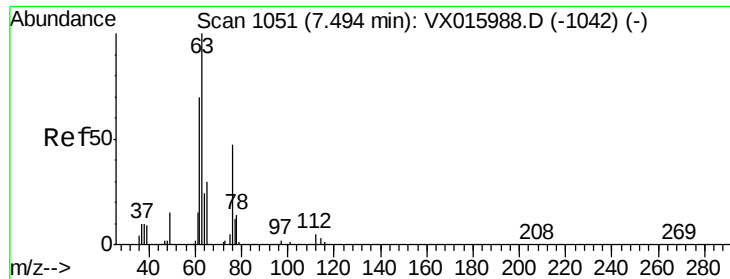
MMDadoda
 5/4/2020 2:19:53 PM



#38
 Methylcyclohexane
 Concen: 18.581 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion: 83 Resp: 104386
 Ion Ratio Lower Upper
 83 100
 55 77.8 38.8 116.4
 98 50.4 25.1 75.3





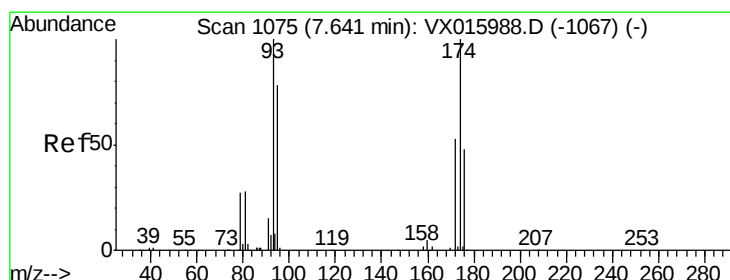
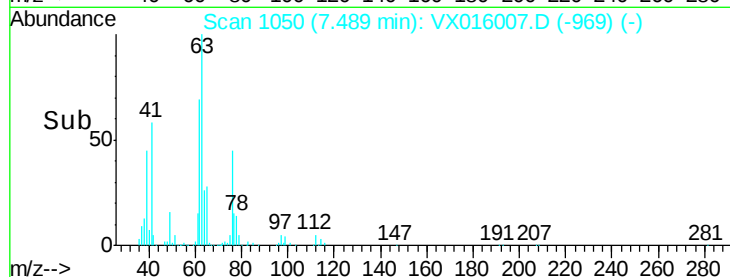
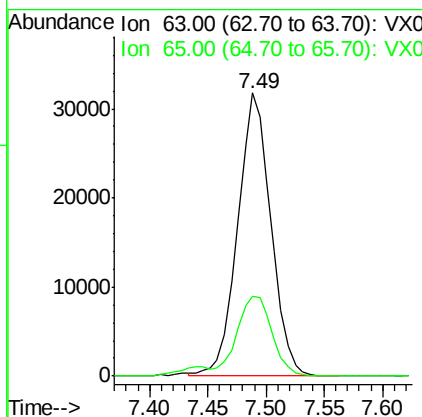
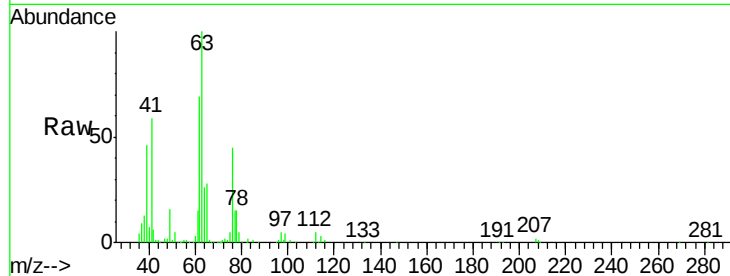
#39
 1,2-Dichloropropane
 Concen: 18.325 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.1	25.9	38.9

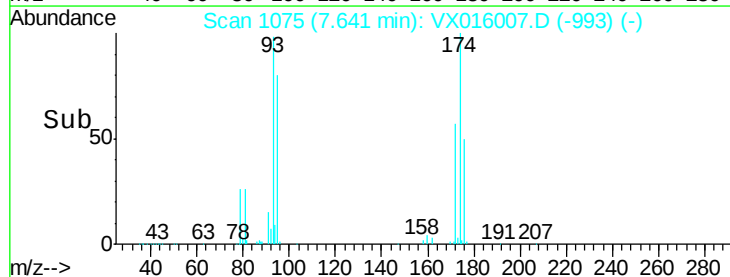
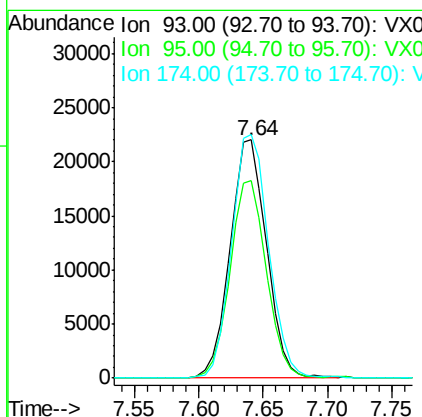
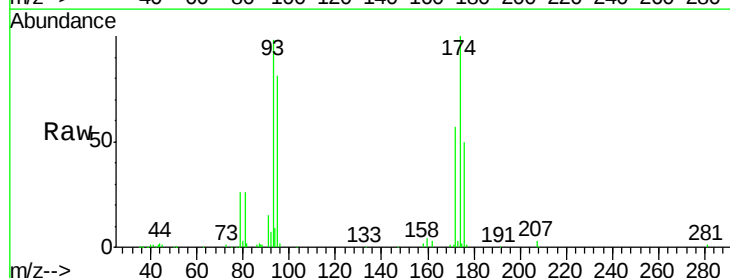
Manual Integrations
 APPROVED

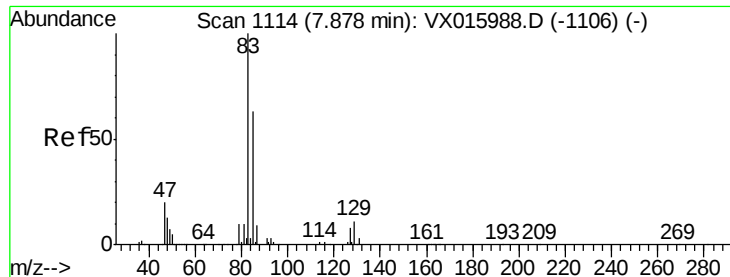
MMDadoda
 5/4/2020 2:19:53 PM



#40
 Dibromomethane
 Concen: 18.139 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	0.0	162.8
174	103.4	0.0	204.0





#41

Bromodichloromethane

Concen: 17.700 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

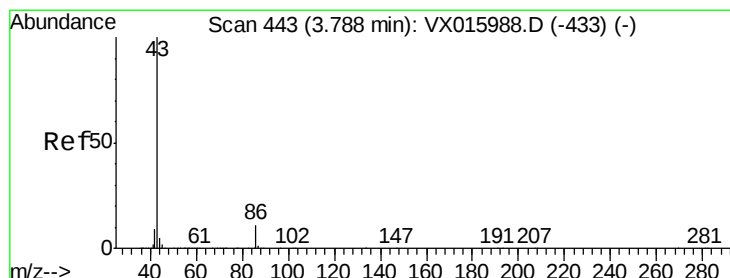
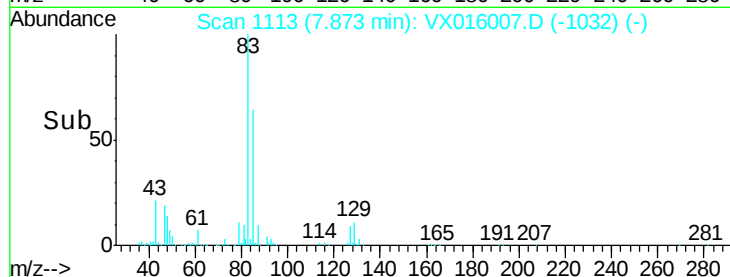
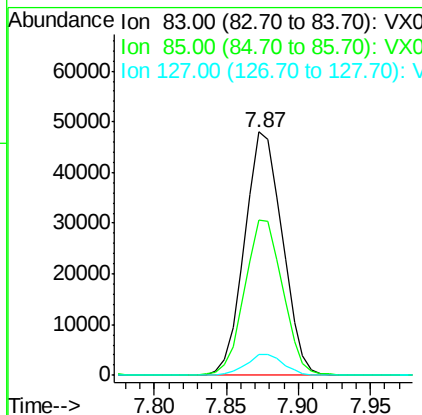
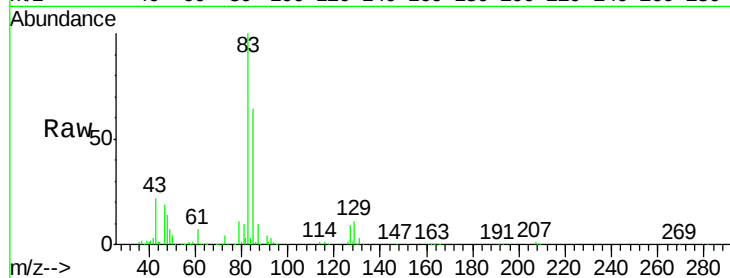
ClientSampleId :

VX0501WBS02

Tot Ion:	83	Resp:	87331
Ion Ratio	Lower	Upper	
83	100		
85	63.6	50.4	75.6
127	8.6	6.7	10.1

Manual Integrations
APPROVED

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5/4/2020 2:19:53 PM



#42

Vinyl Acetate

Concen: 89.641 ug/l

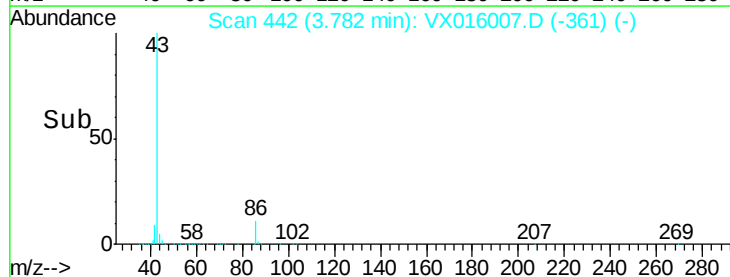
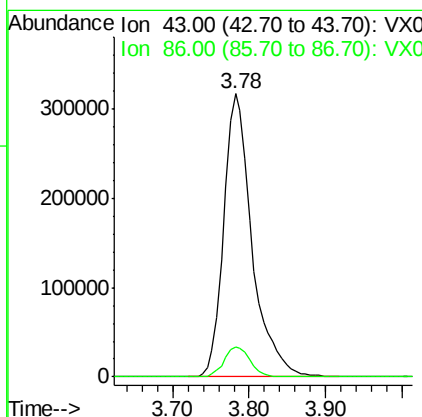
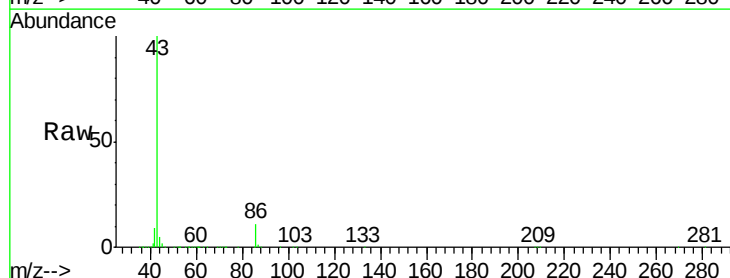
RT: 3.78 min Scan# 442

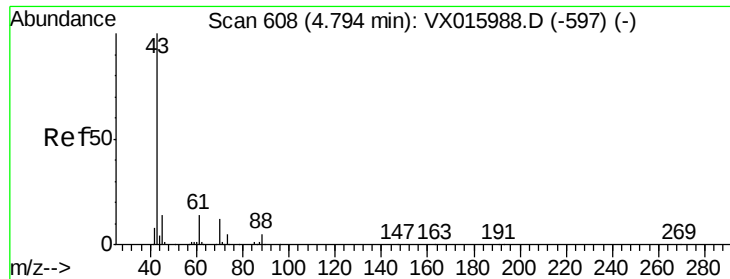
Delta R.T. -0.01 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	43	Resp:	812359
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





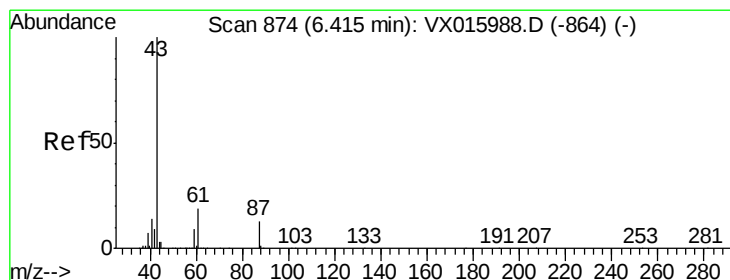
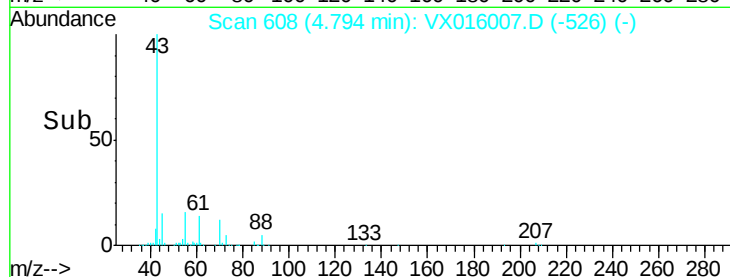
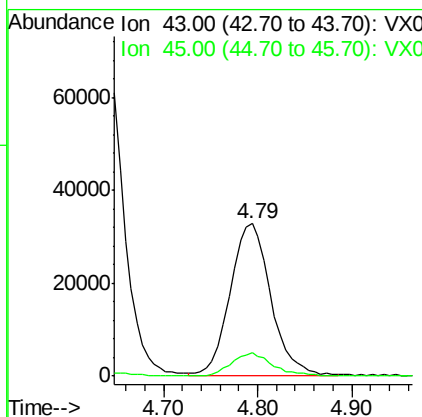
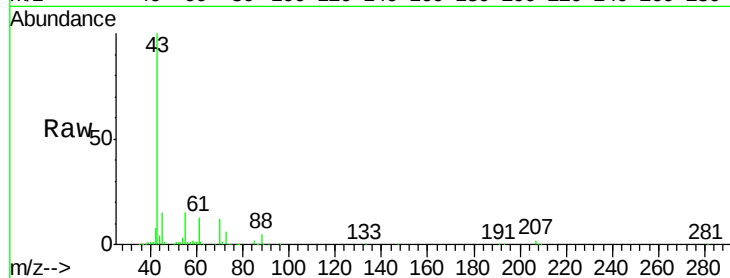
#43
Ethyl Acetate
Concen: 18.116 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	43	45	Ratio	Lower	Upper	Resp
97885	100	15.3		11.9	17.9	

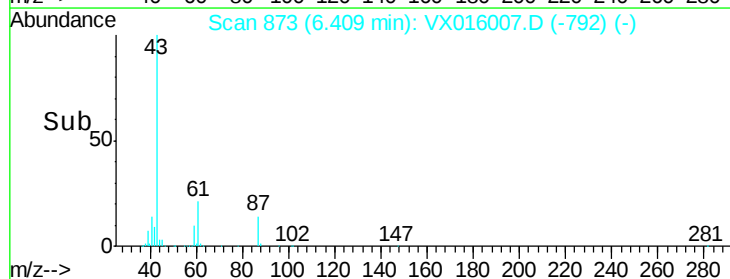
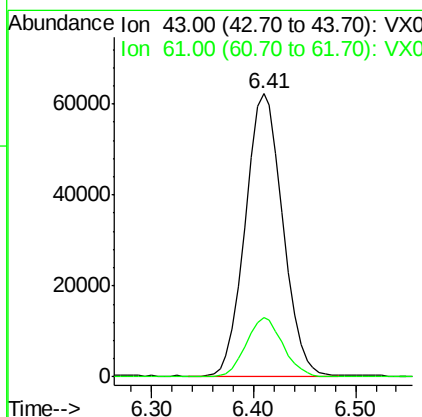
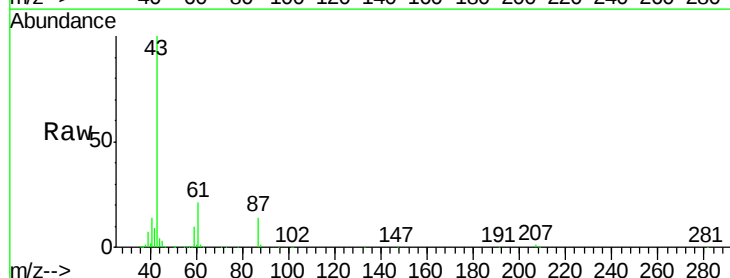
Manual Integrations
APPROVED

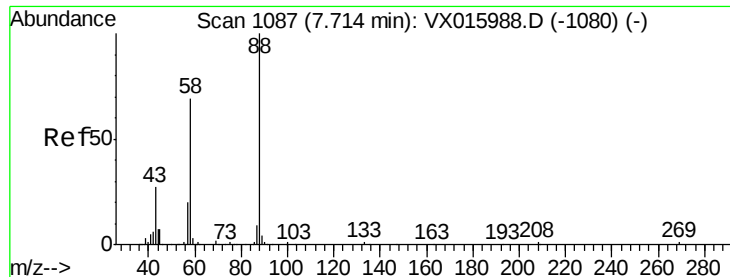
MMDadoda
5/4/2020 2:19:53 PM



#44
Isopropyl Acetate
Concen: 18.092 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	43	61	Ratio	Lower	Upper	Resp
158637	100	20.6		16.1	24.1	





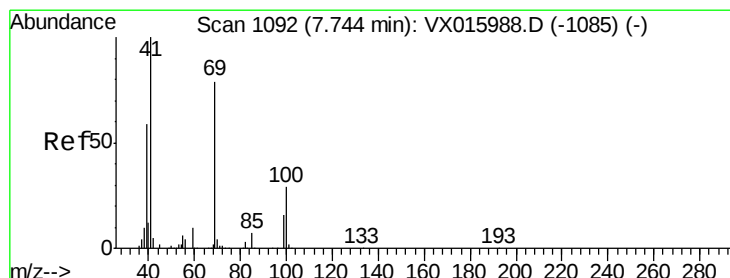
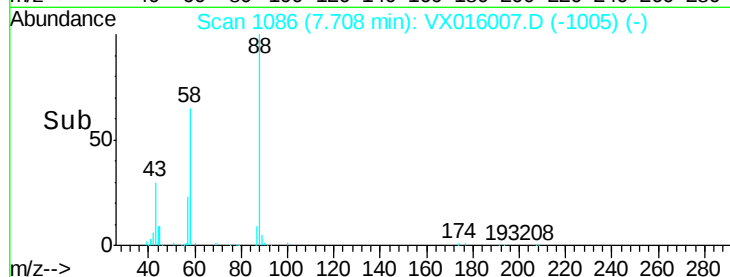
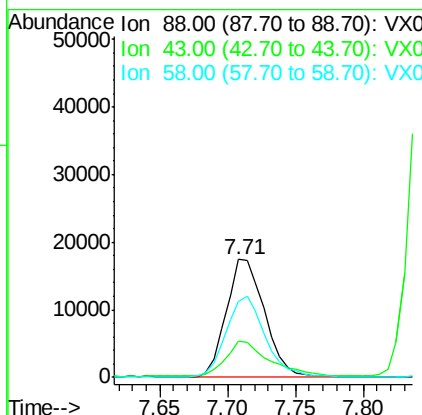
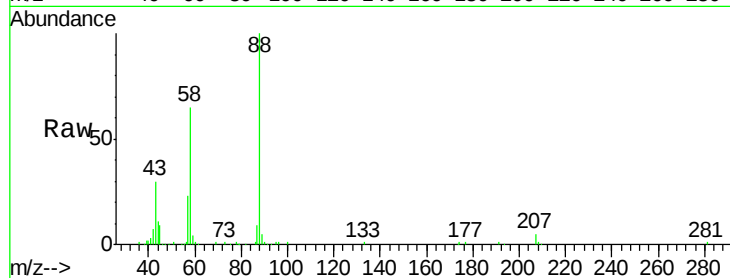
#45
1,4-Dioxane
Concen: 373.147 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.3	39.5
58	70.3	57.0	85.6

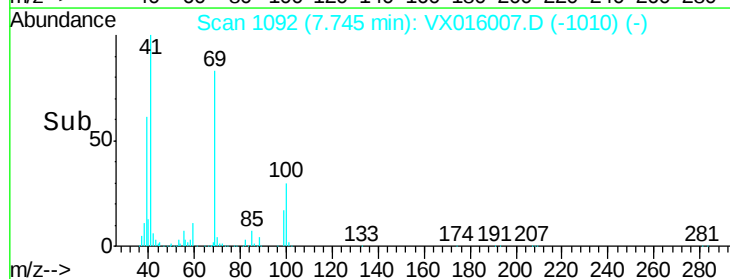
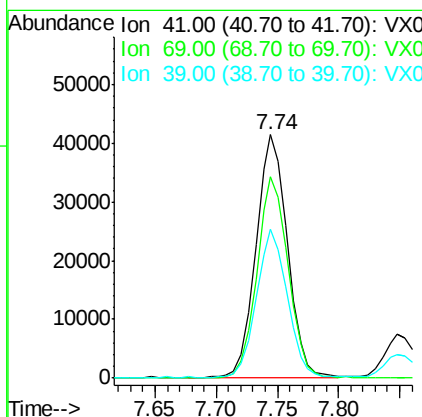
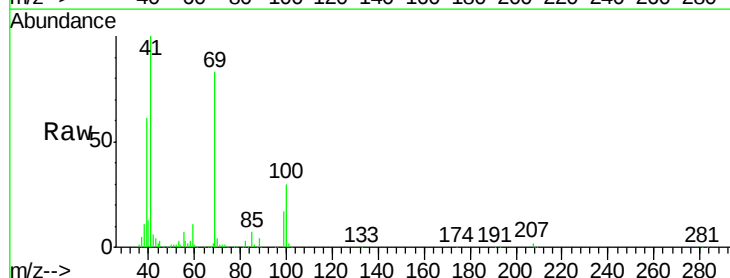
Manual Integrations
APPROVED

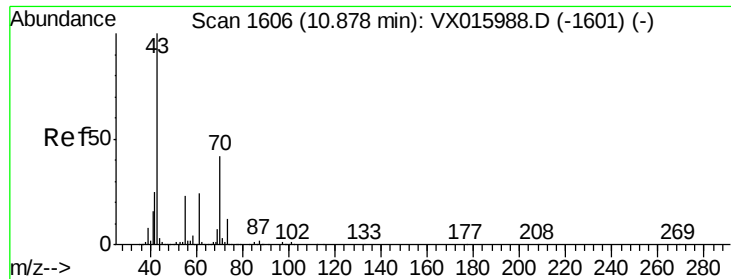
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#46
Methyl methacrylate
Concen: 17.823 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.0	39.5	118.5
39	60.6	29.6	88.9





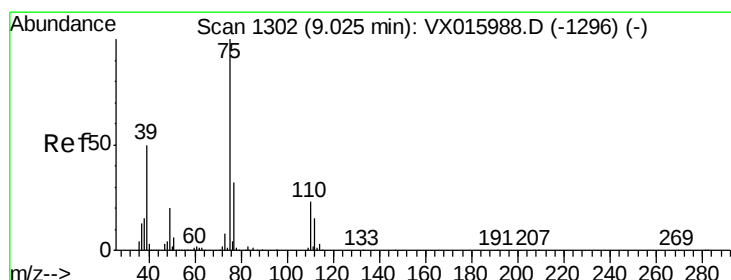
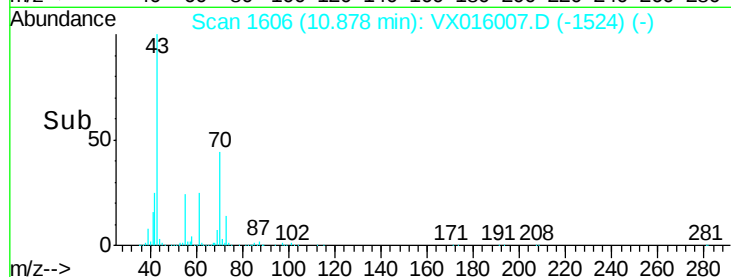
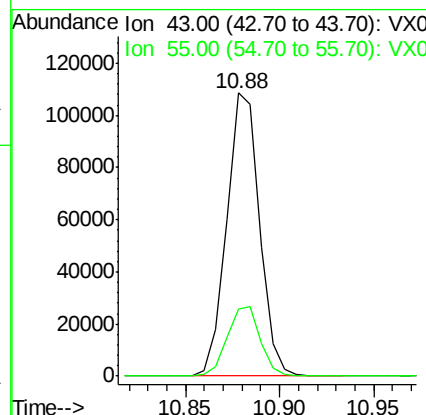
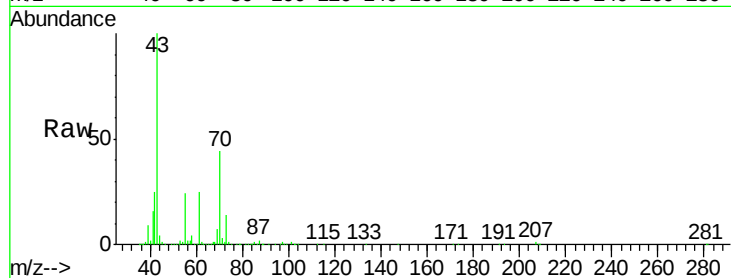
#47
n-amvl Acetate
Concen: 17.093 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion: 43 Resp: 131056
Ion Ratio Lower Upper
43 100
55 24.7 19.0 28.4

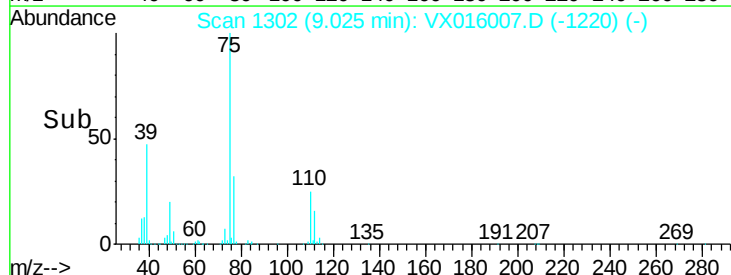
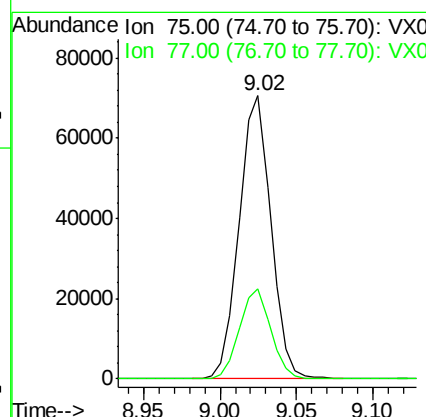
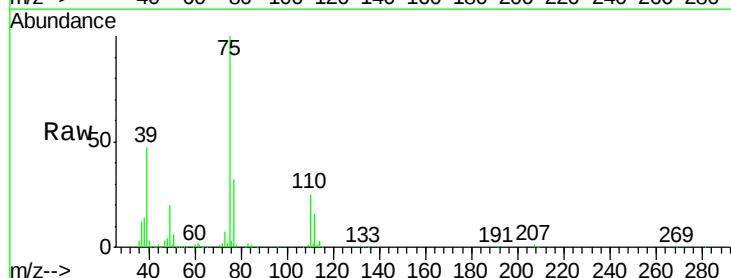
Manual Integrations
APPROVED

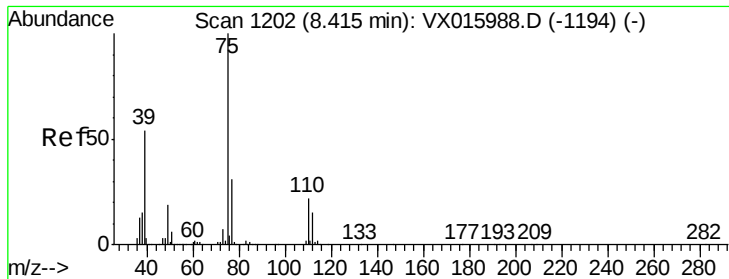
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 17.771 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion: 75 Resp: 101822
Ion Ratio Lower Upper
75 100
77 31.9 25.8 38.8





#49

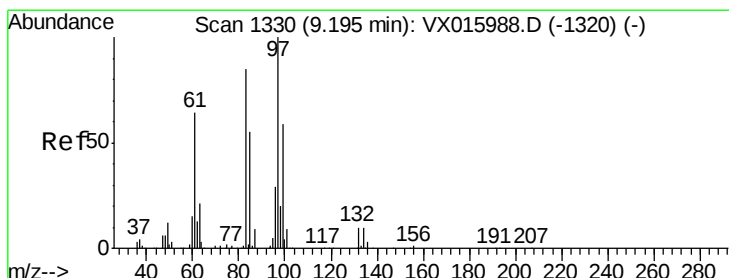
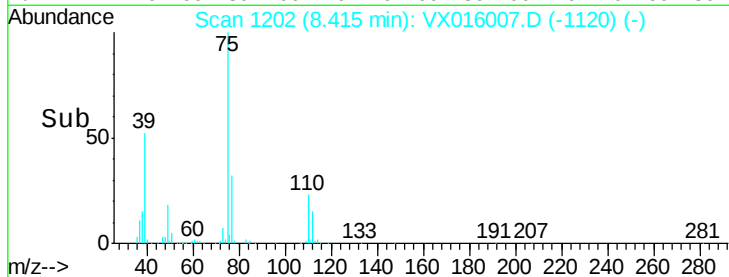
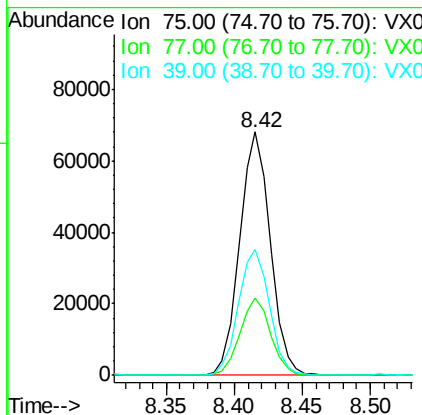
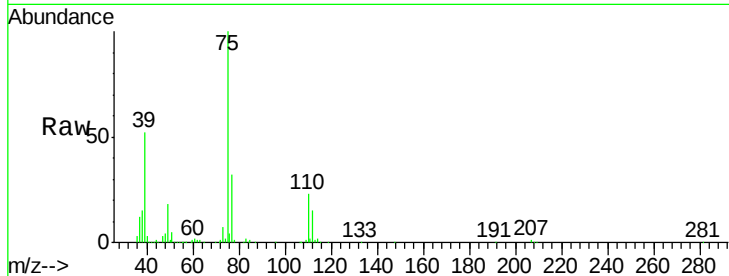
cis-1,3-Dichloropropene
 Concen: 18.069 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.0	37.6
39	51.5	43.2	64.8

Manual Integrations
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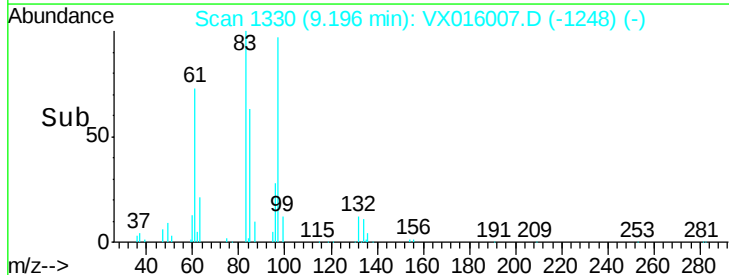
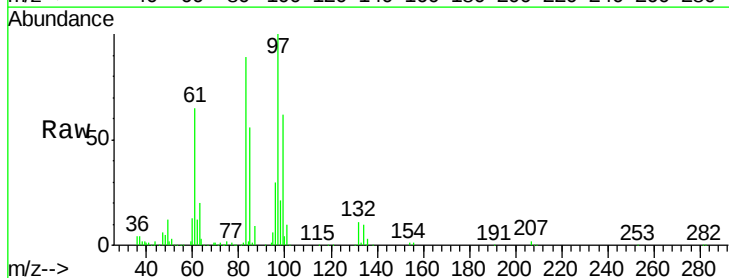
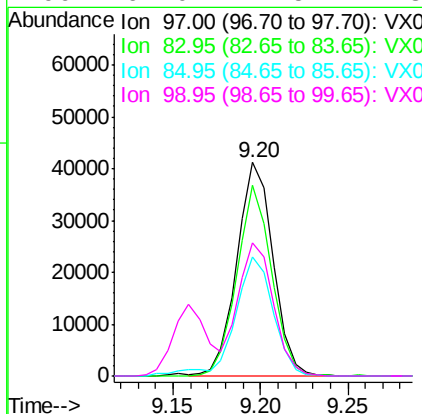
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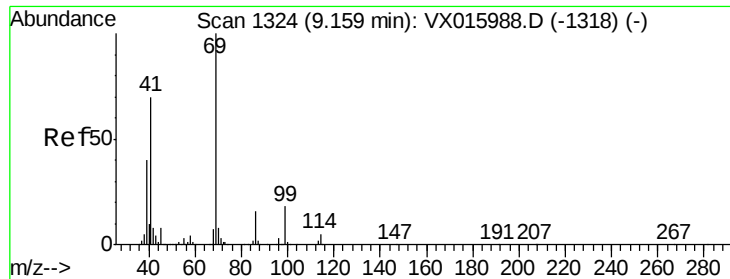


#50

1,1,2-Trichloroethane
 Concen: 17.607 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.5	67.7	101.5
85	55.7	43.7	65.5
99	62.0	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.561 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

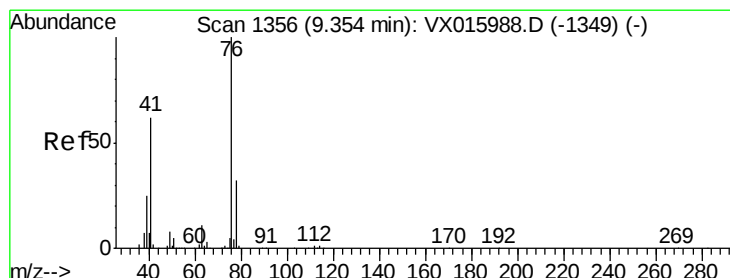
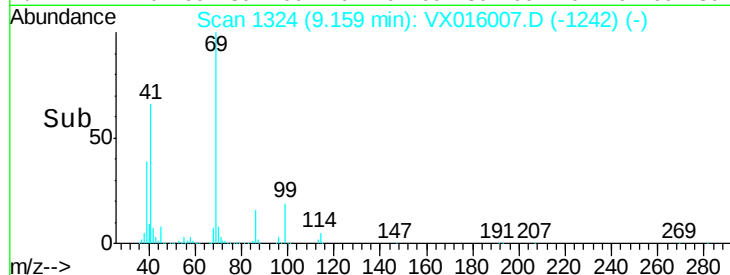
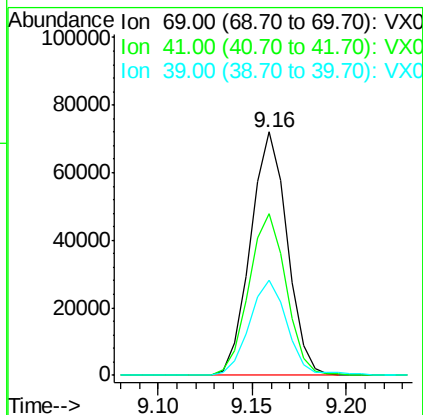
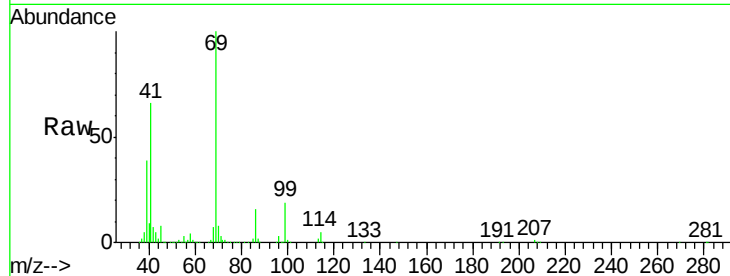
ClientSampleId :

VX0501WBS02

Tot Ion:	69	Resp:	97802
Ion Ratio	Lower	Upper	
69	100		
41	66.1	34.8	104.4
39	38.8	19.8	59.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.071 ug/l

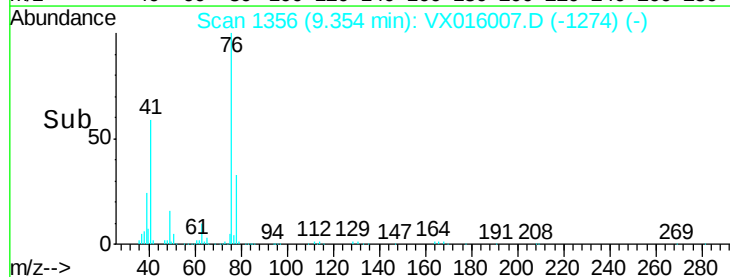
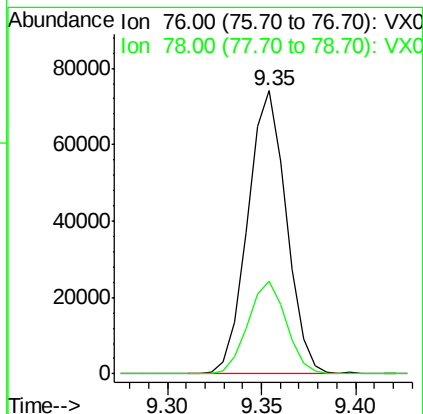
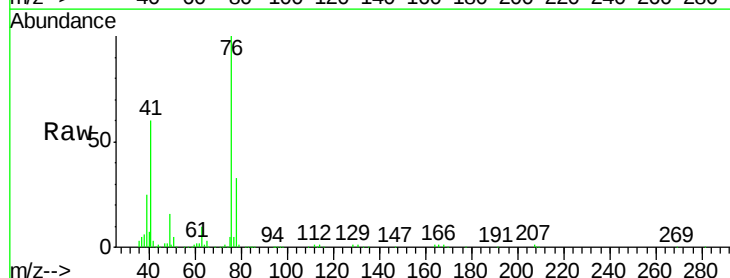
RT: 9.35 min Scan# 1356

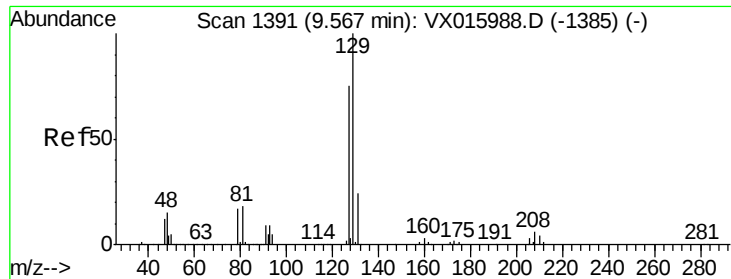
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	76	Resp:	105364
Ion Ratio	Lower	Upper	
76	100		
78	32.7	0.0	64.2





#53

Dibromochloromethane

Concen: 17.346 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion:129 Resp: 66560

Ion Ratio Lower Upper

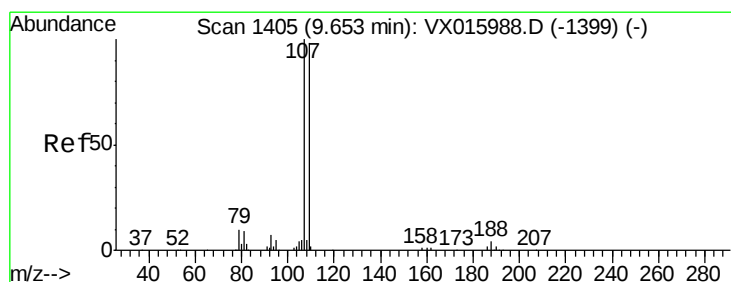
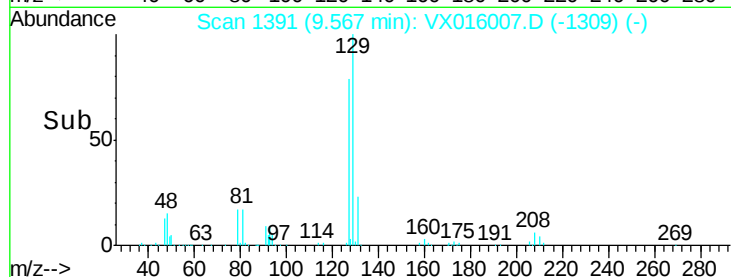
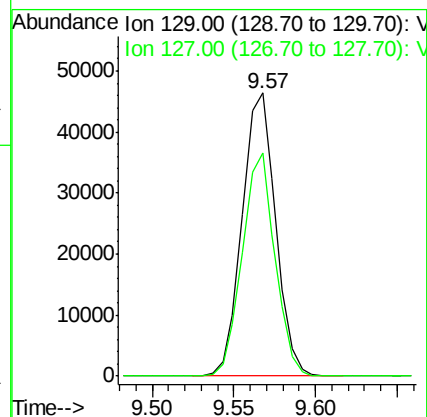
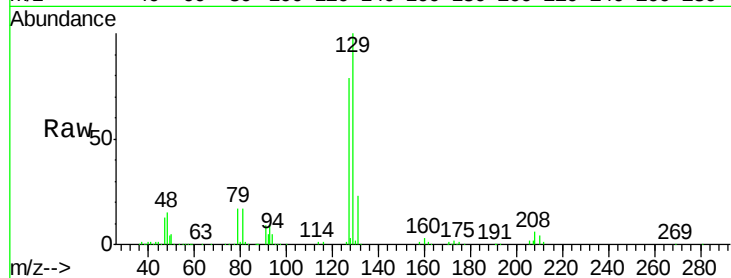
129 100

127 76.8 38.3 114.9

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#54

1,2-Dibromoethane

Concen: 17.865 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016007.D

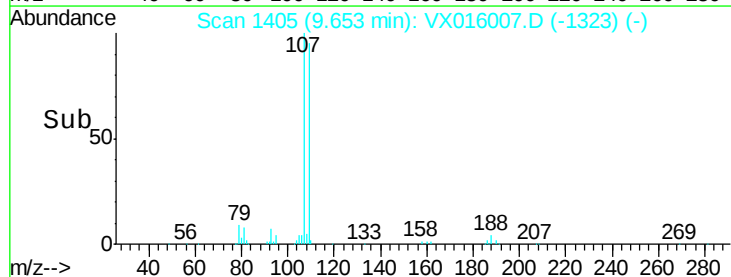
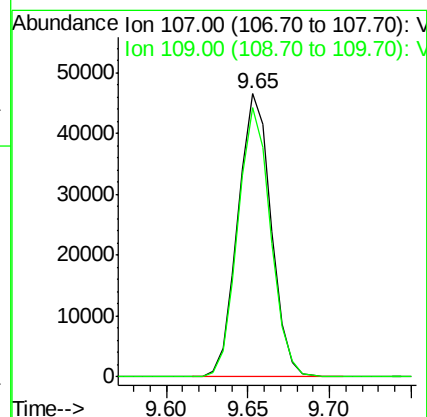
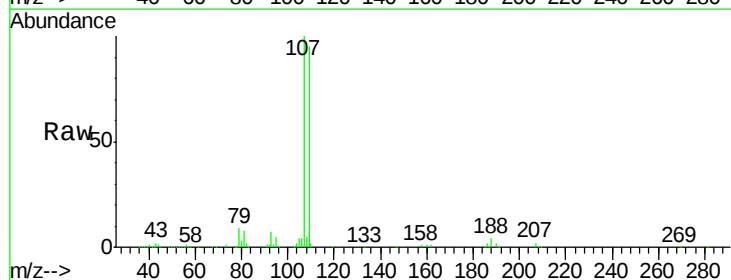
Acq: 01 May 2020 13:24

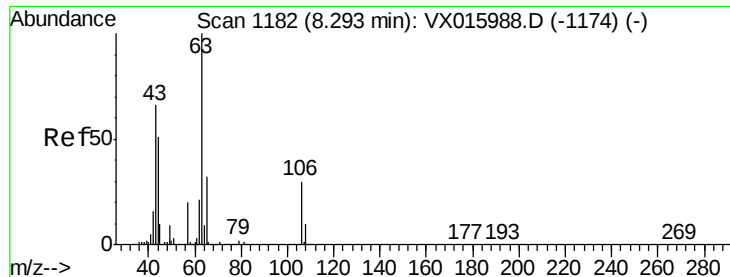
Tgt Ion:107 Resp: 66223

Ion Ratio Lower Upper

107 100

109 93.8 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 87.934 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 63 Resp: 266435

Ion Ratio Lower Upper

63 100

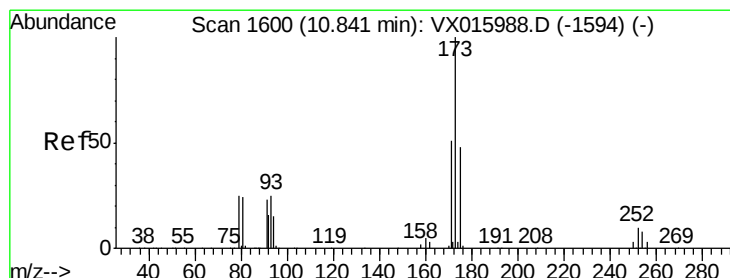
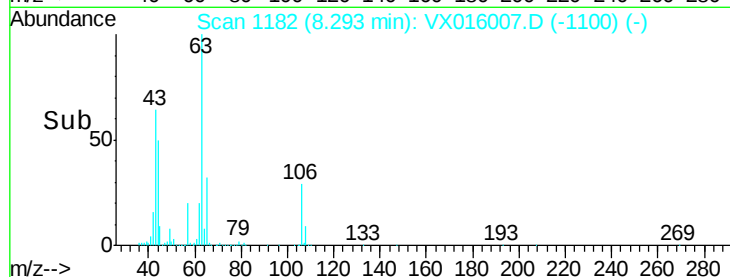
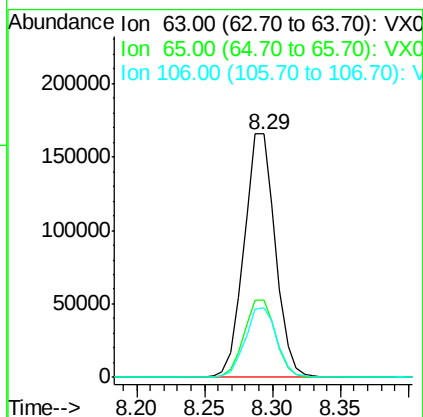
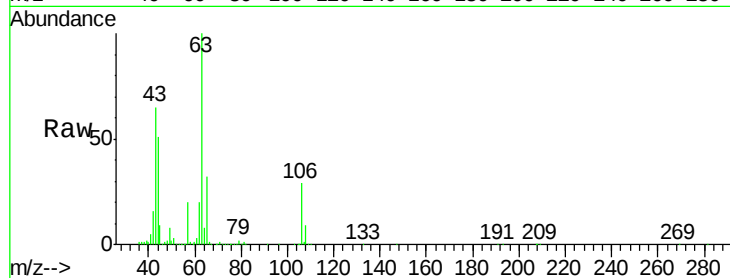
65 32.2 25.6 38.4

106 29.1 23.4 35.0

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#56

Bromoform

Concen: 16.491 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

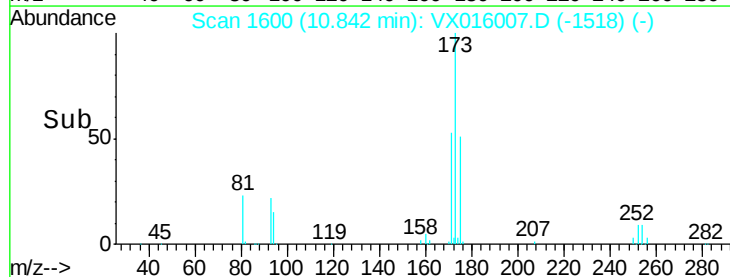
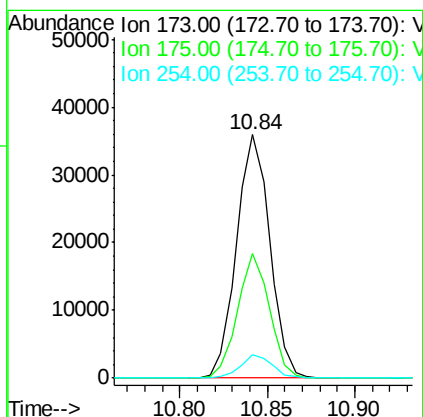
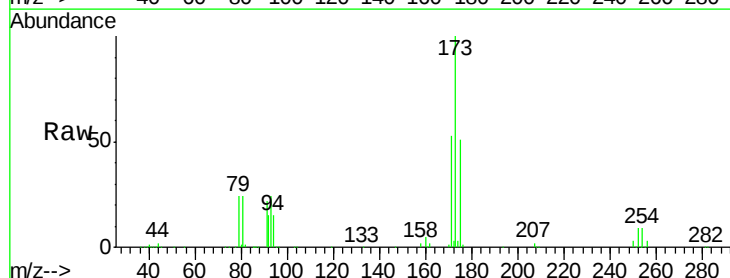
Tgt Ion: 173 Resp: 47678

Ion Ratio Lower Upper

173 100

175 49.0 38.0 57.0

254 9.0 6.8 10.2





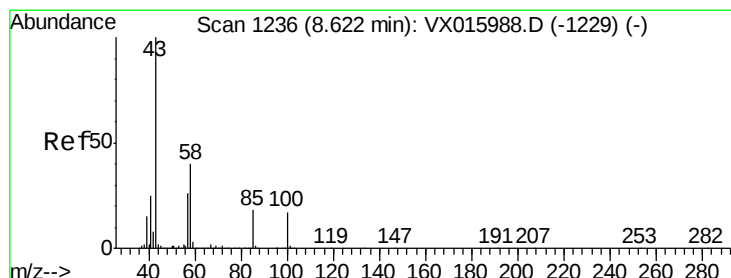
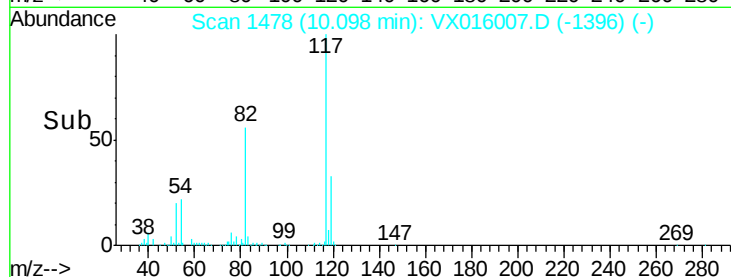
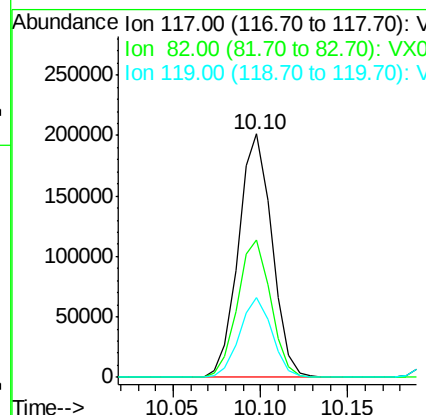
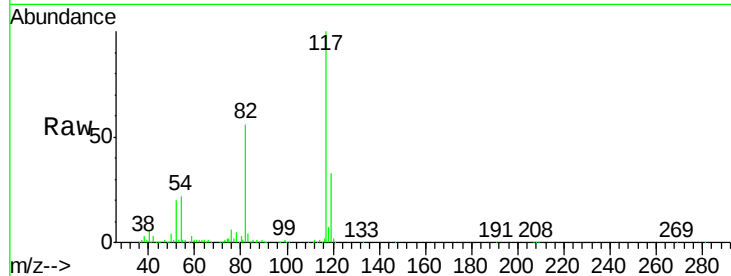
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.1	67.7
119	31.8	25.6	38.4

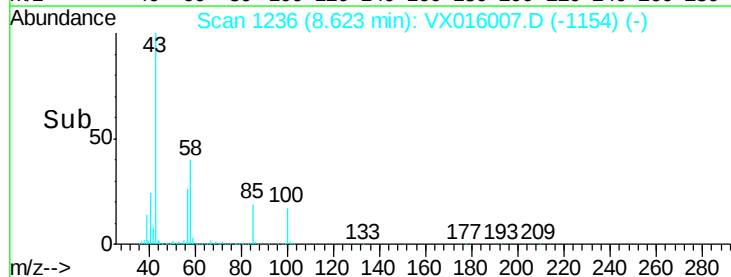
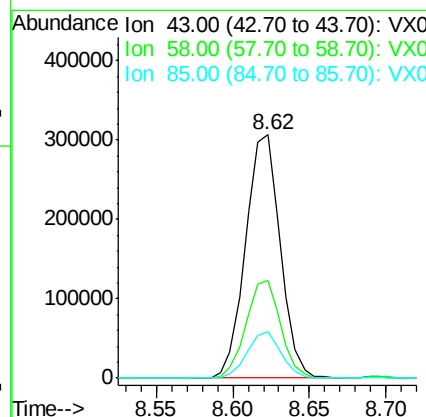
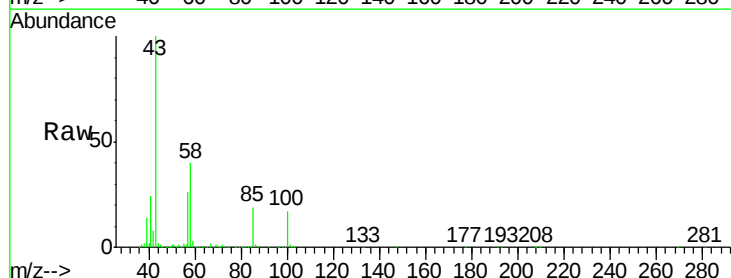
Manual Integrations
APPROVED

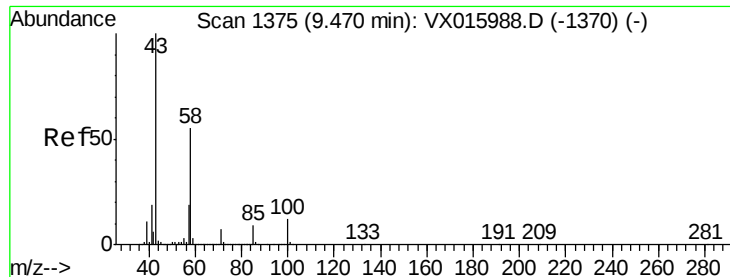
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 91.266 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.8	47.6
85	18.6	14.5	21.7





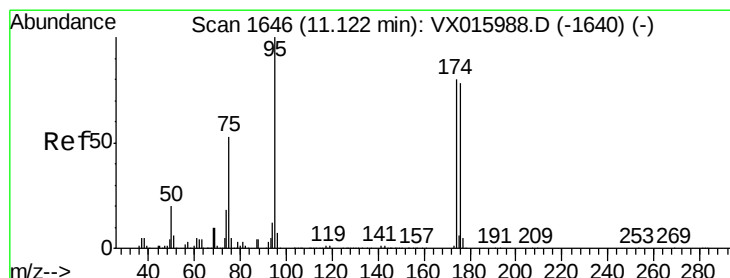
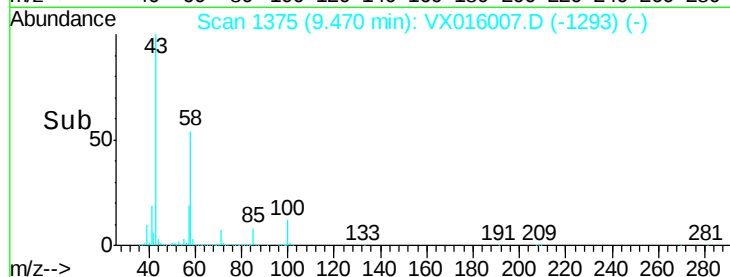
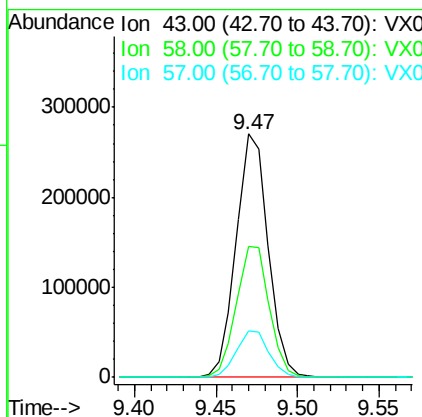
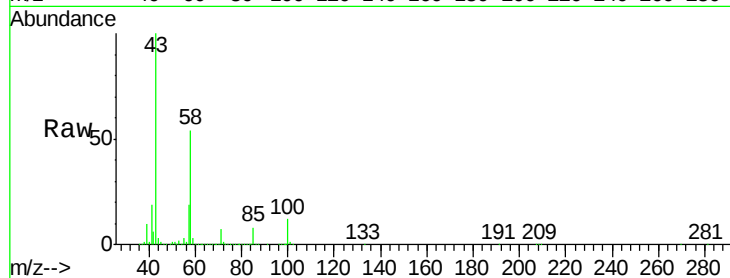
#59
2-Hexanone
Concen: 90.584 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	44.0	66.0
57	19.5	15.5	23.3

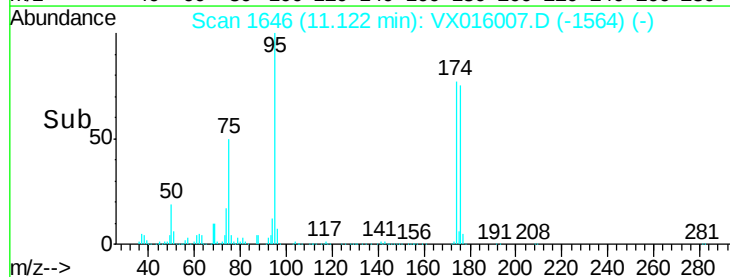
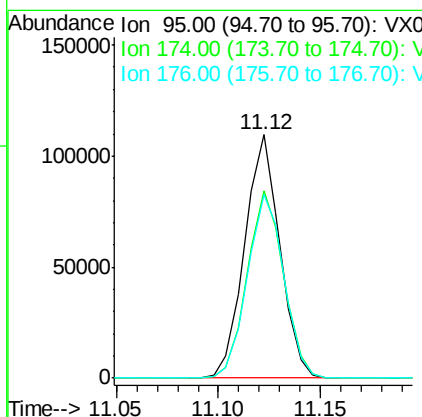
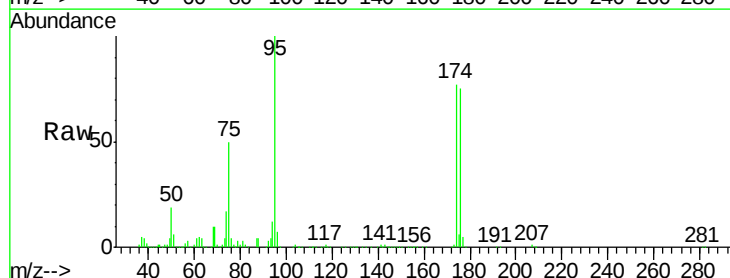
Manual Integrations
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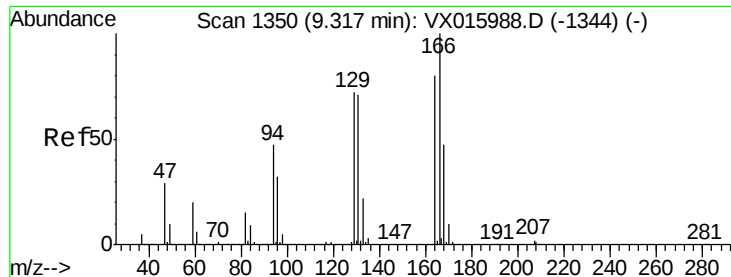
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.248 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	64.8	97.2
176	77.8	62.4	93.6





#61

Tetrachloroethene

Concen: 18.823 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion:164 Resp: 99794

Ion Ratio Lower Upper

164 100

166 137.5 100.1 150.1

129 95.9 72.2 108.4

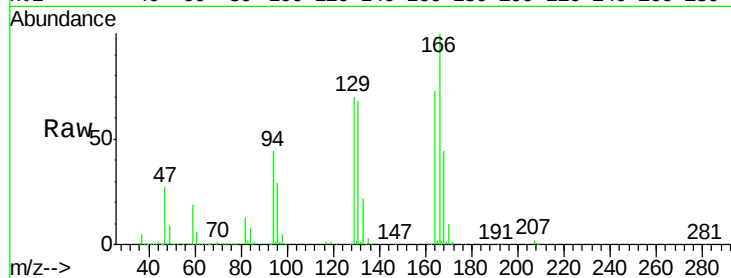
131 93.5 71.3 106.9

Manual Integrations

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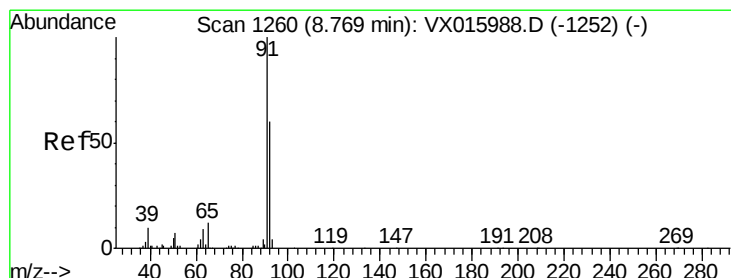
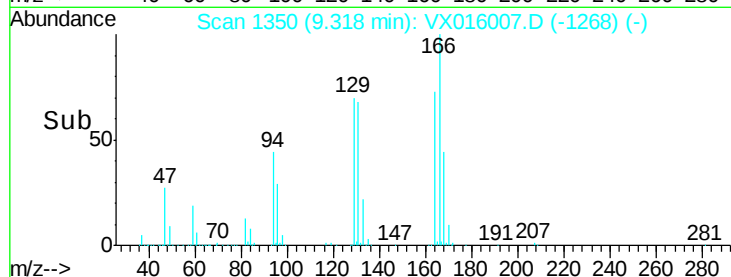
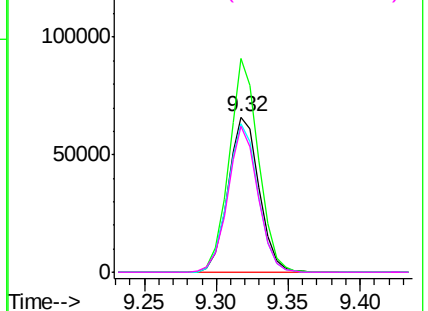


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.381 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016007.D

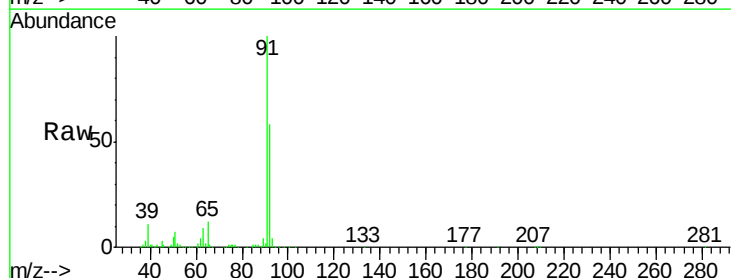
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 263182

Ion Ratio Lower Upper

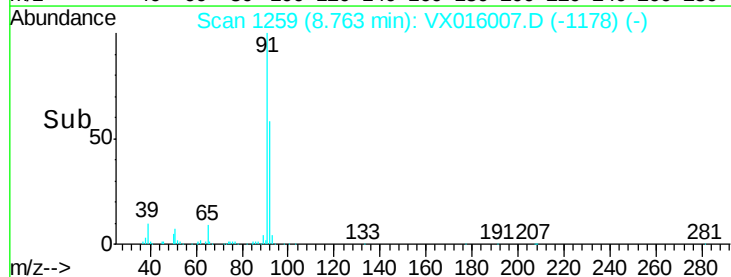
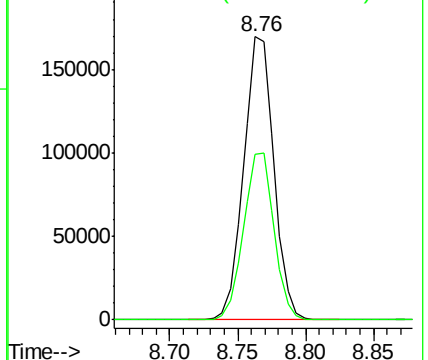
91 100

92 59.4 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.479 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion: 98 Resp: 350425

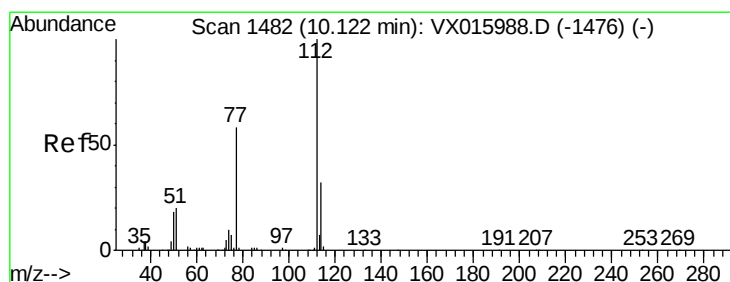
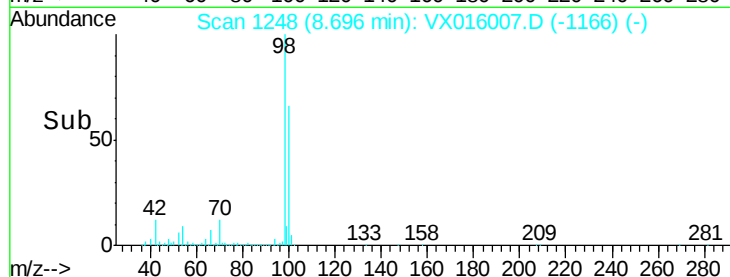
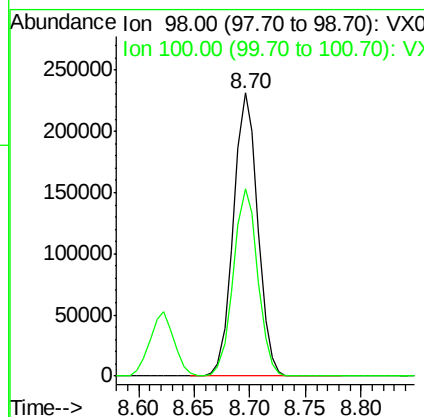
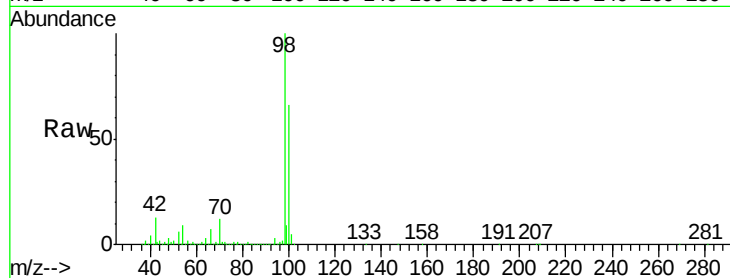
Ion Ratio Lower Upper

98 100

100 66.2 52.5 78.7

Manual Integrations
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#64

Chlorobenzene

Concen: 18.157 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016007.D

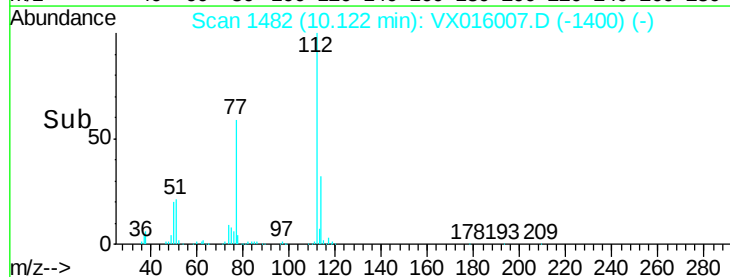
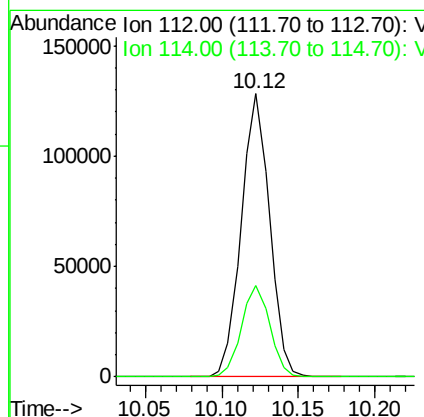
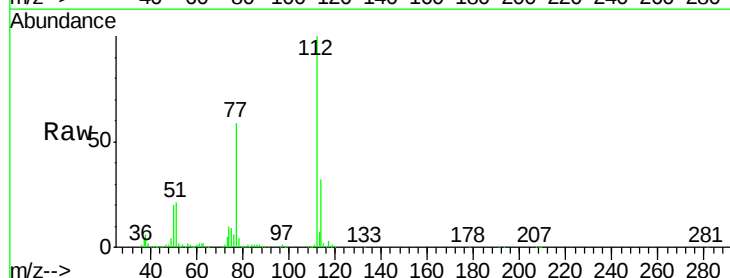
Acq: 01 May 2020 13:24

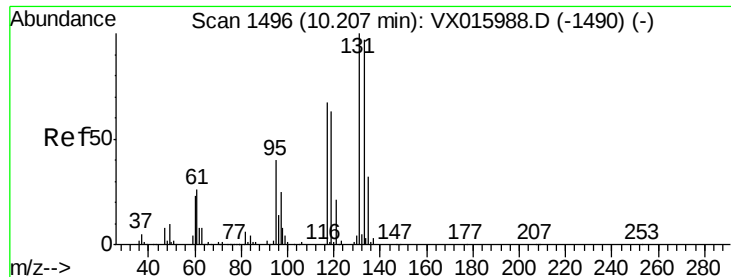
Tgt Ion: 112 Resp: 165541

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.614 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

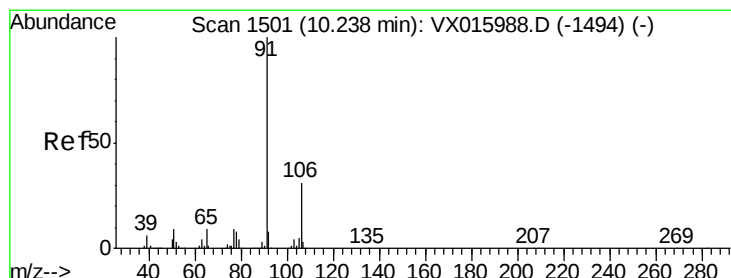
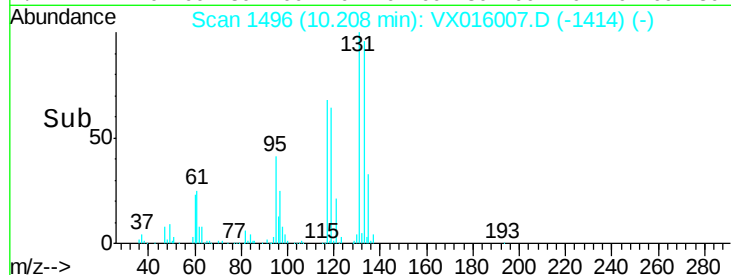
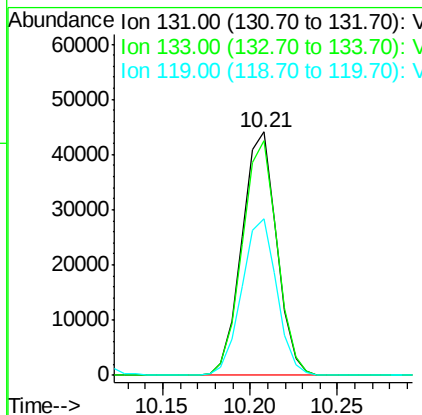
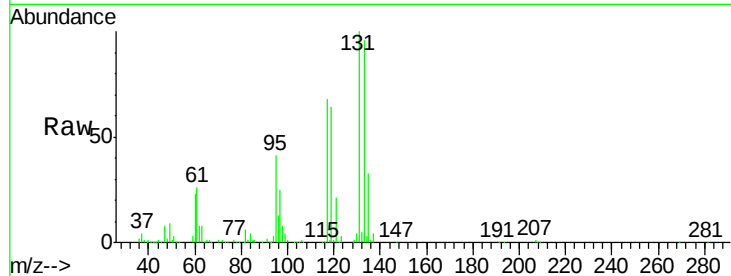
ClientSampleId :

VX0501WBS02

Tot Ion:	131	Resp:	60963
Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	187.0
119	64.6	0.0	129.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.313 ug/l

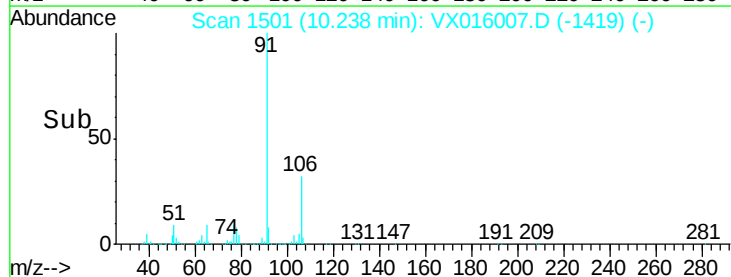
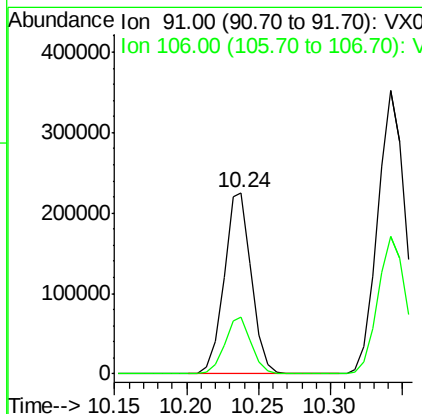
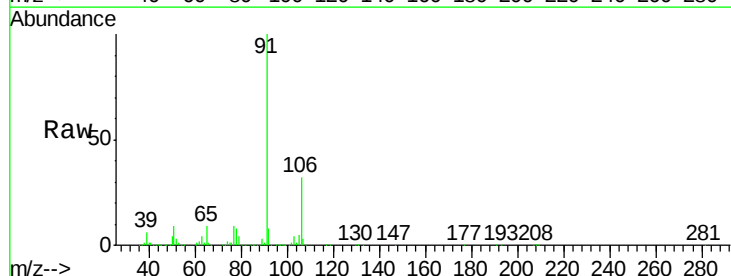
RT: 10.24 min Scan# 1501

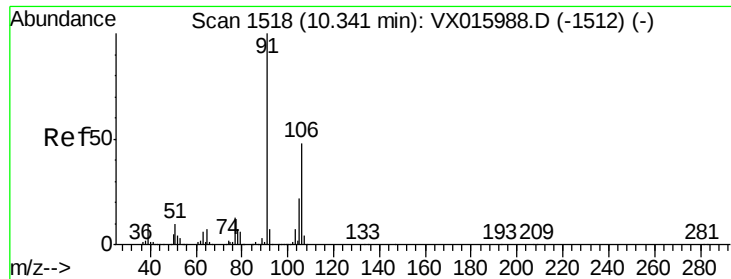
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	91	Resp:	298592
Ion	Ratio	Lower	Upper
91	100		
106	31.7	24.8	37.2





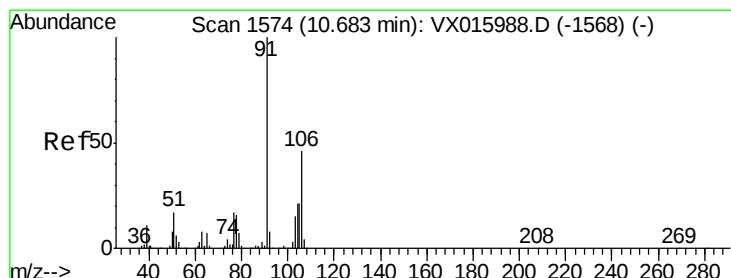
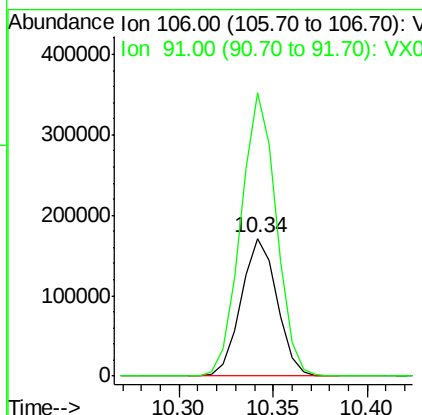
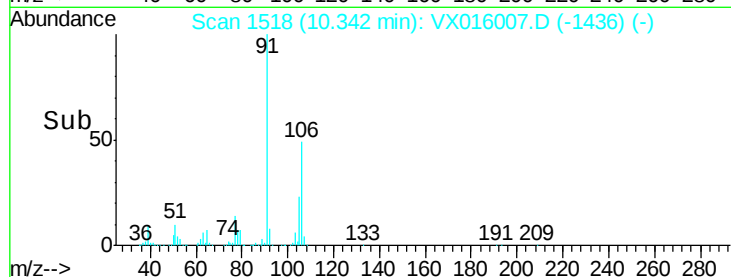
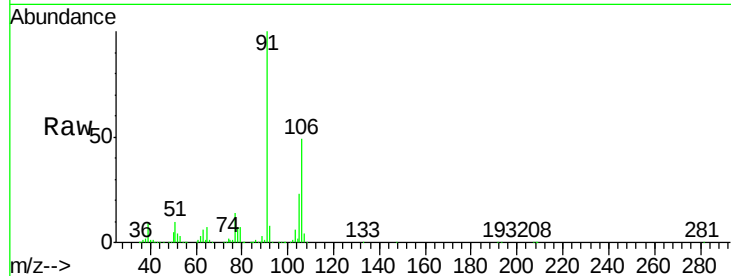
#67
m/p-Xvlenes
Concen: 36.435 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion:106 Resp: 226303
Ion Ratio Lower Upper
106 100
91 202.8 164.2 246.4

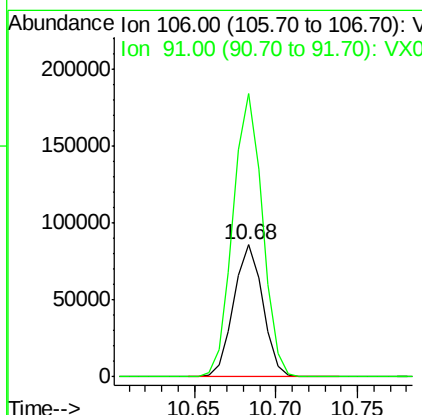
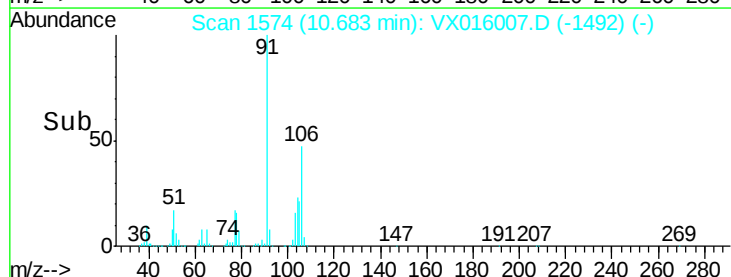
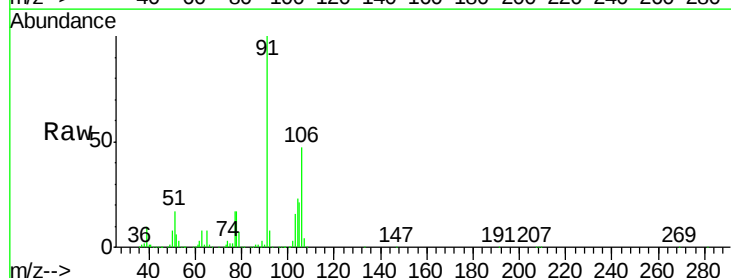
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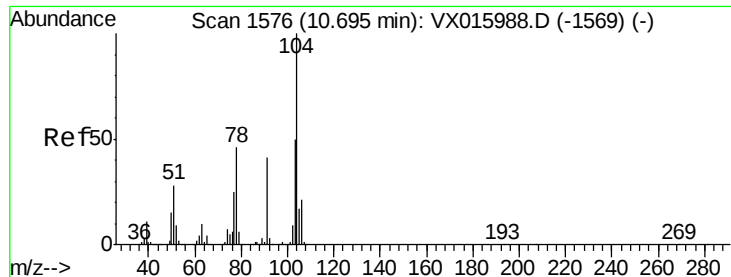
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#68
o-Xylene
Concen: 17.915 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion:106 Resp: 107302
Ion Ratio Lower Upper
106 100
91 215.9 108.3 325.0





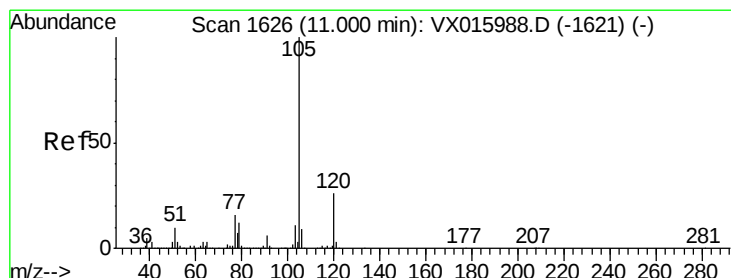
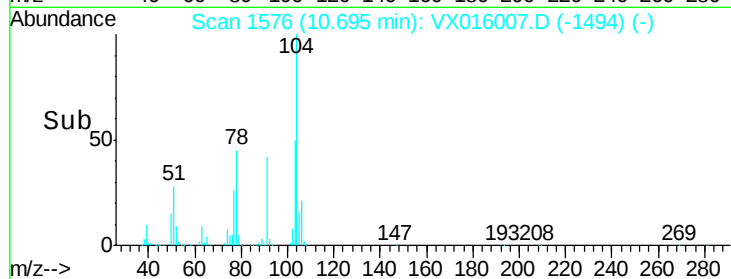
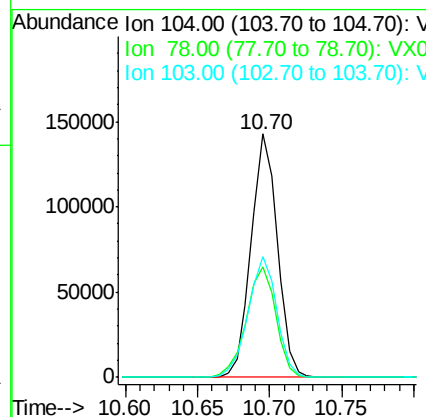
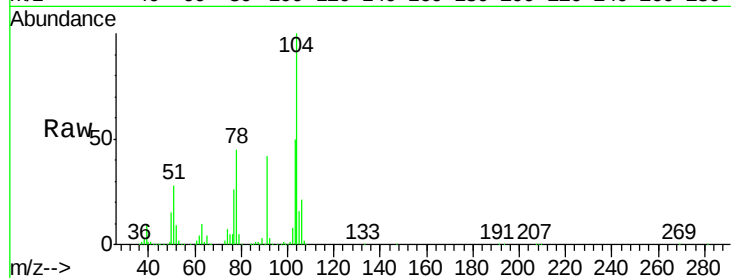
#69
Stvrene
Concen: 17.513 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.3	40.7	61.1
103	54.5	43.0	64.4

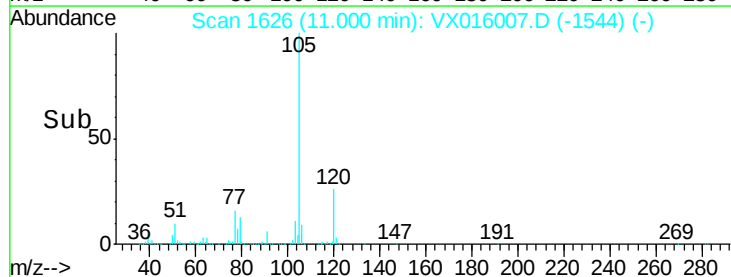
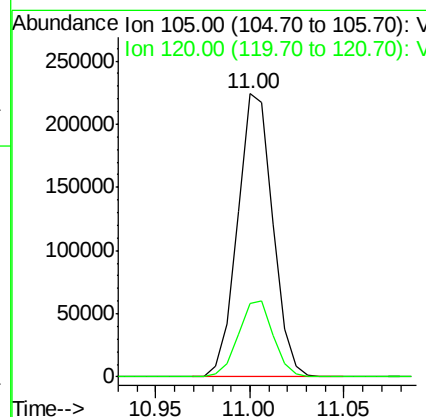
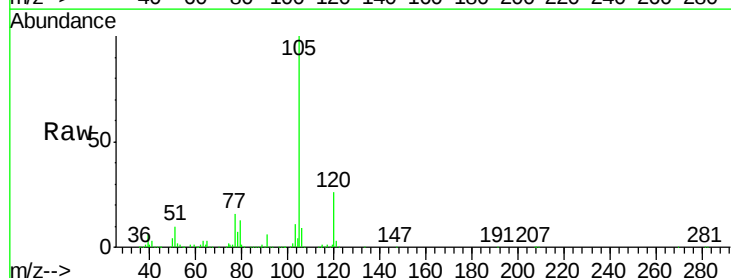
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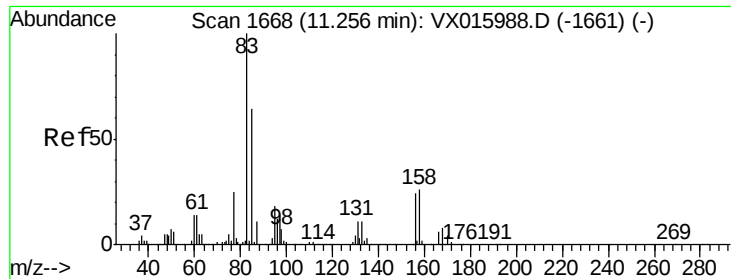
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#70
Isopropylbenzene
Concen: 17.878 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.6	34.5





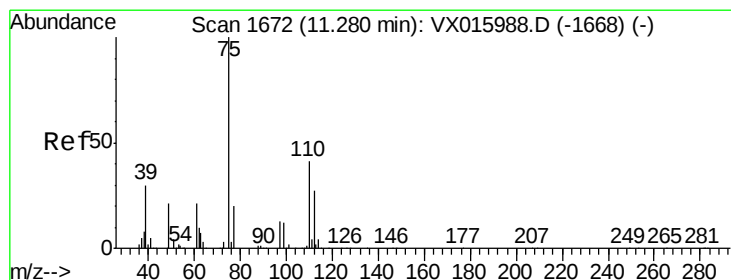
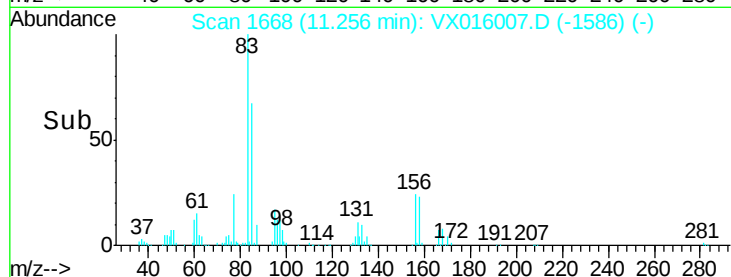
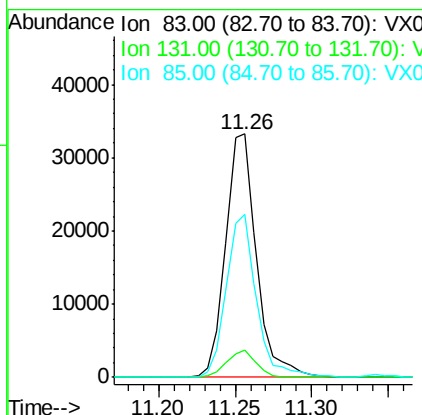
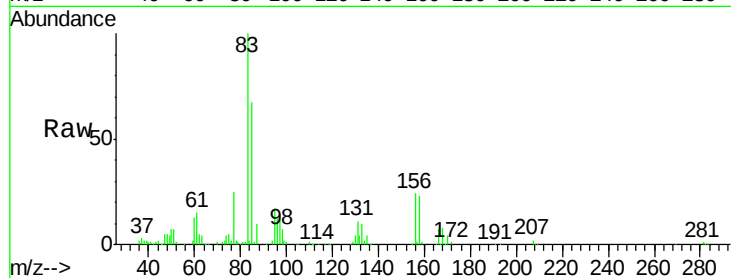
#71
 1,1,2,2-Tetrachloroethane
 Concen: 15.489 ug/l
 RT: 11.26 min Scan# 1668
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.7	5.2	15.6
85	65.4	33.0	98.9

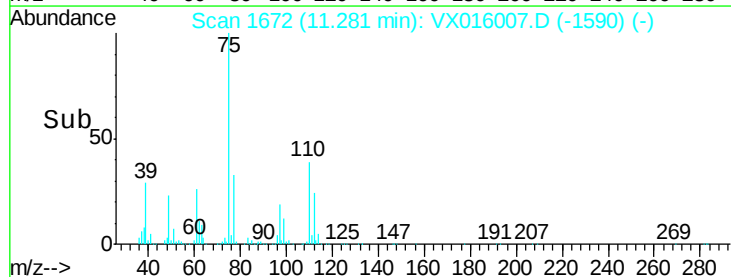
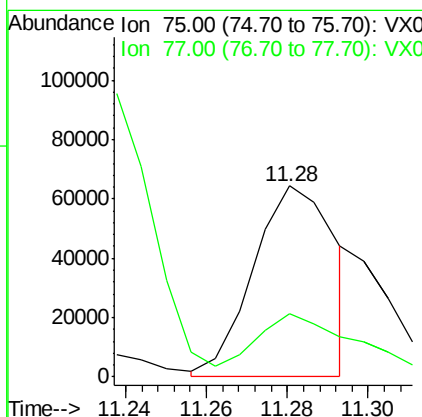
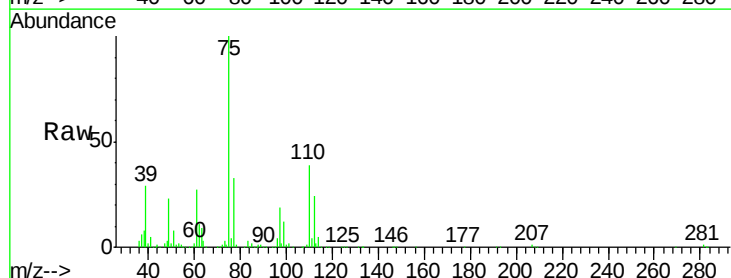
Manual Integrations
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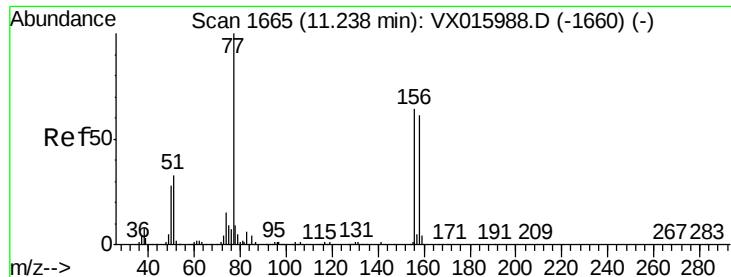
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#72
 1,2,3-Trichloropropane
 Concen: 18.472 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	41.1	0.0	86.0





#73

Bromobenzene

Concen: 17.896 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion:156 Resp: 72927

Ion Ratio Lower Upper

156 100

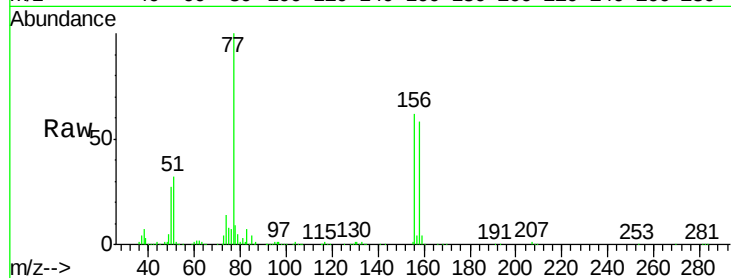
77 159.2 0.0 318.0

158 93.6 0.0 193.2

Manual Integrations
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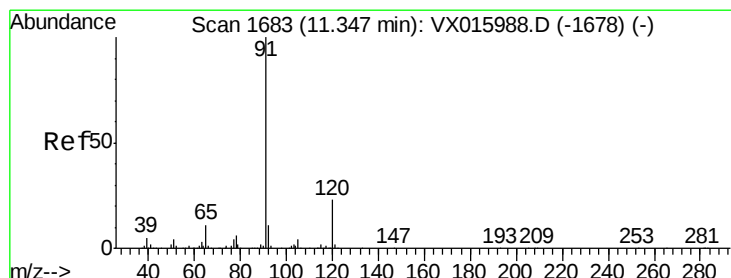
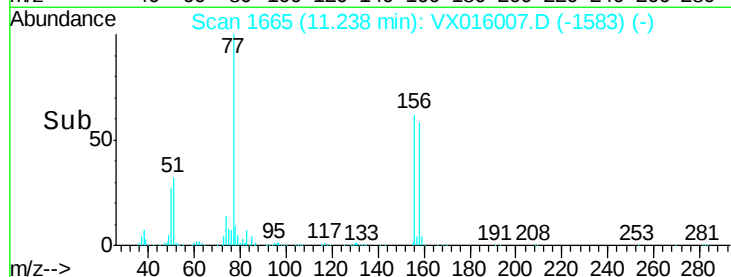
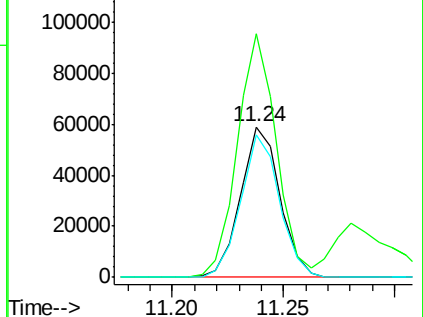
5/4/2020 2:19:53 PM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.112 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016007.D

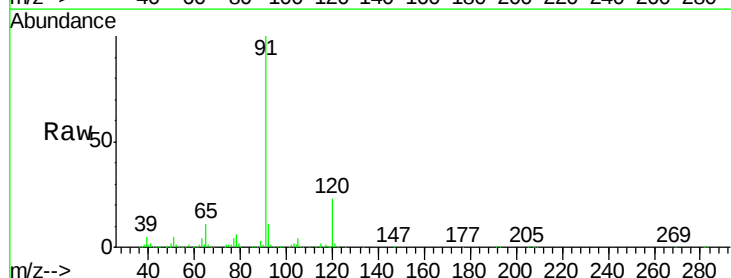
Acq: 01 May 2020 13:24

Tgt Ion: 91 Resp: 340196

Ion Ratio Lower Upper

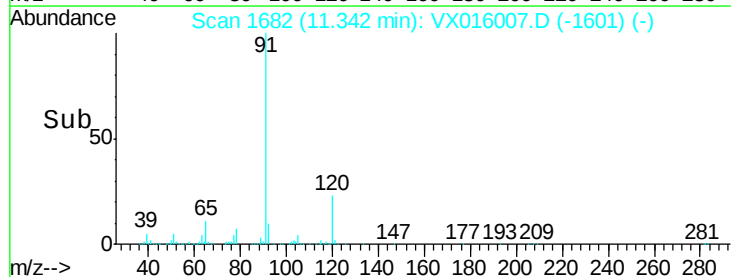
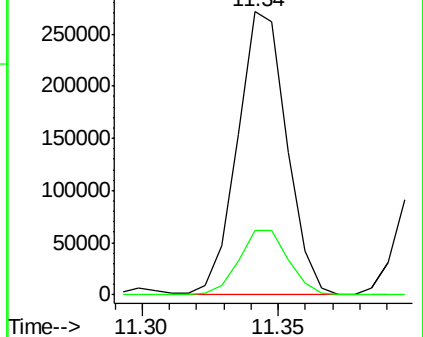
91 100

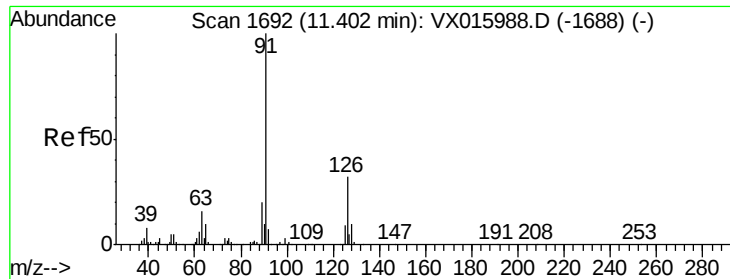
120 23.0 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





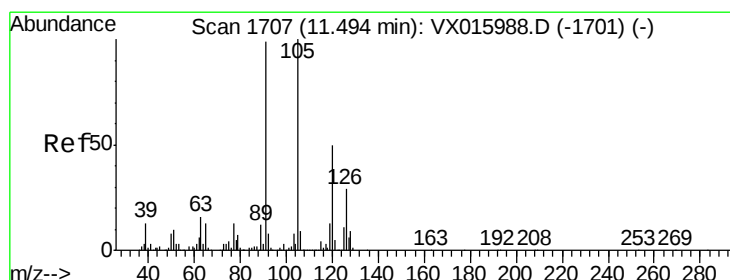
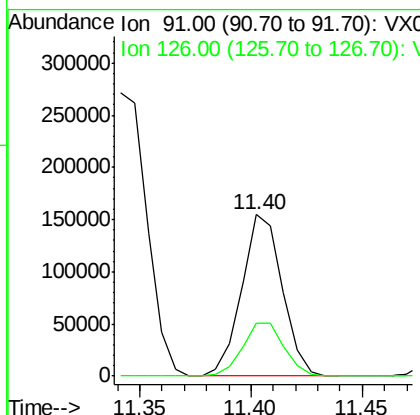
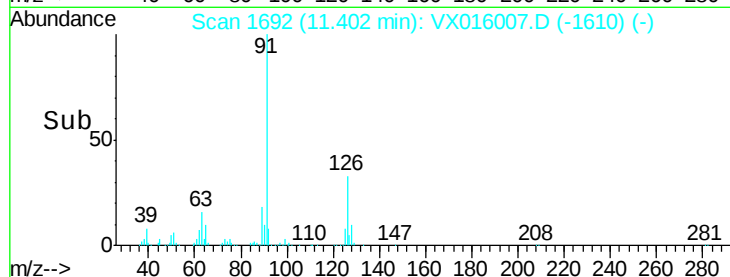
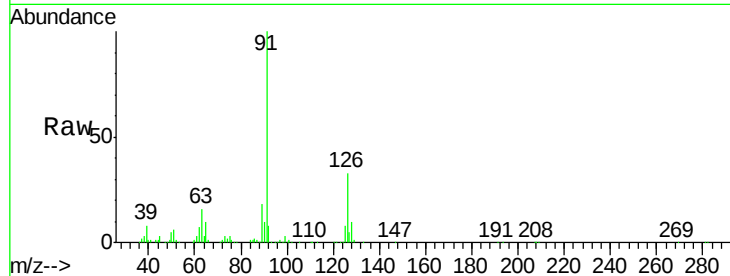
#75
2-Chlorotoluene
Concen: 17.851 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.1	0.0	66.2

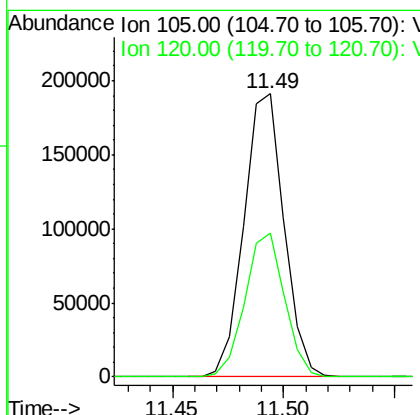
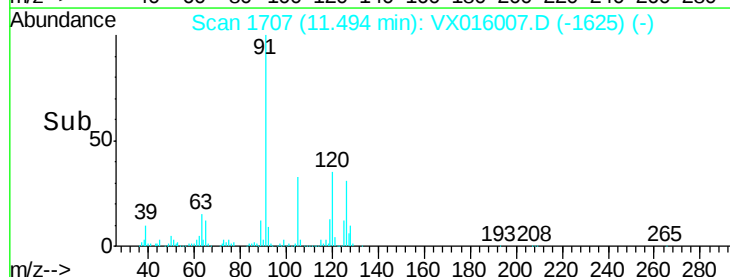
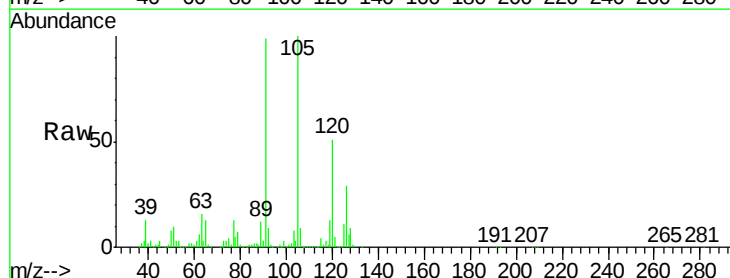
Manual Integrations
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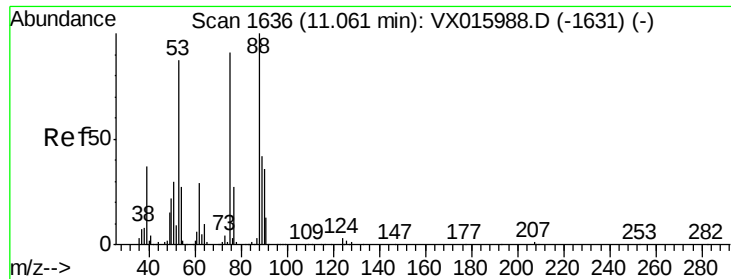
MMDadoda
5/4/2020 2:19:53 PM



#76
1,3,5-Trimethylbenzene
Concen: 17.534 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.9	0.0	99.4





#77

t-1,4-Dichloro-2-butene

Concen: 17.146 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

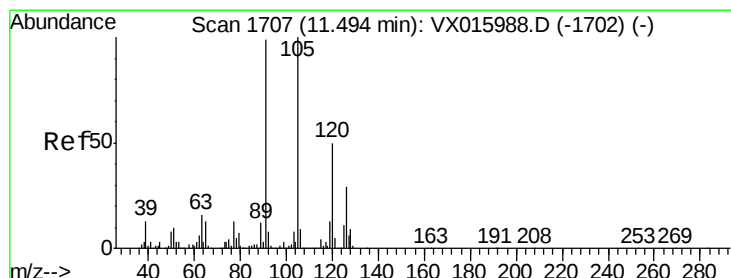
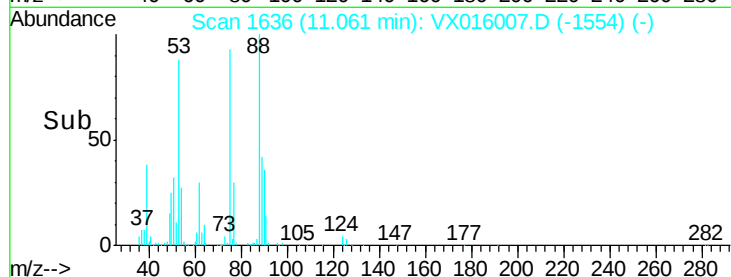
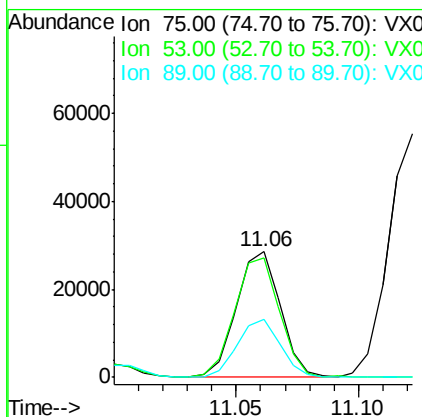
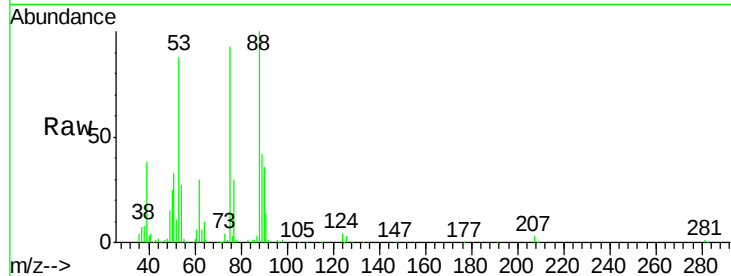
ClientSampleId :

VX0501WBS02

Tot Ion:	75	Resp:	35896
Ion	Ratio	Lower	Upper
75	100		
53	95.3	48.0	144.2
89	45.9	23.4	70.3

Manual Integrations
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#78

4-Chlorotoluene

Concen: 17.859 ug/l

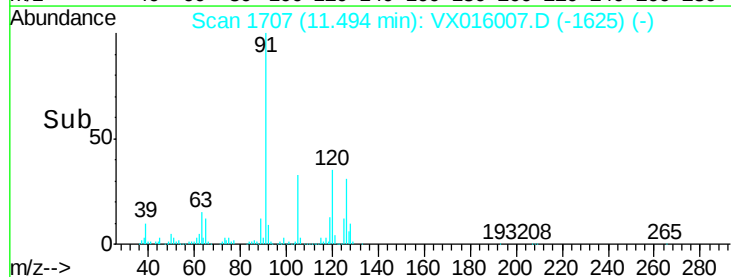
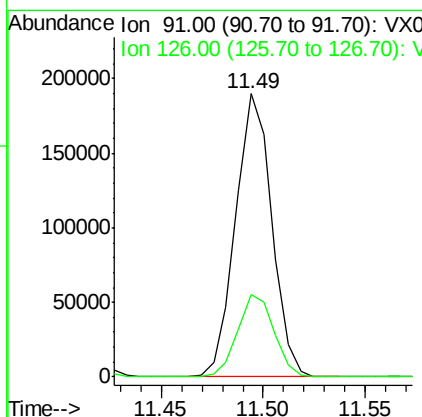
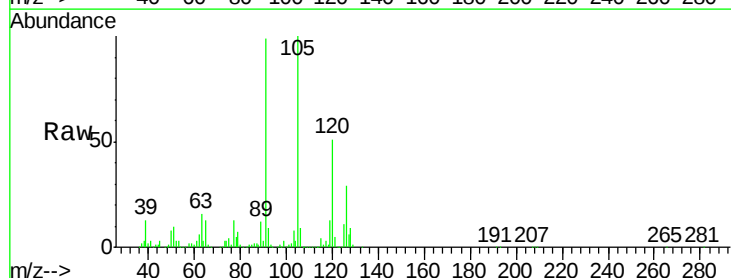
RT: 11.49 min Scan# 1707

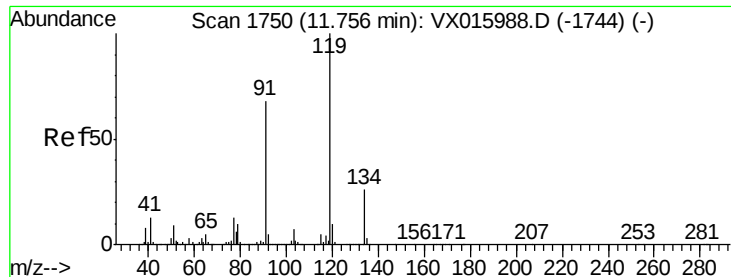
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	91	Resp:	233327
Ion	Ratio	Lower	Upper
91	100		
126	29.3	0.0	58.4





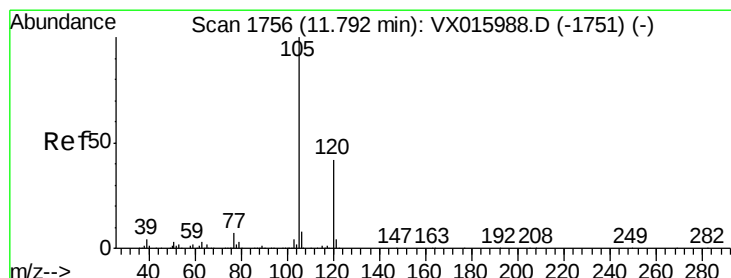
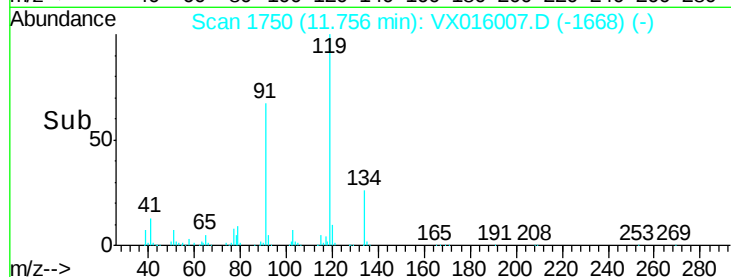
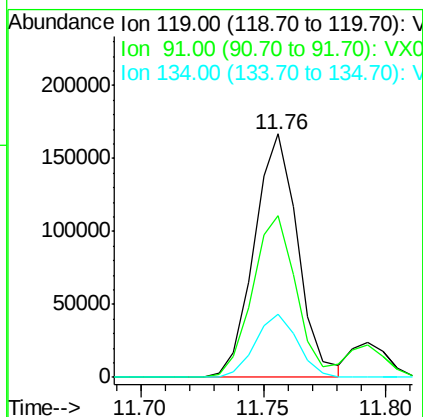
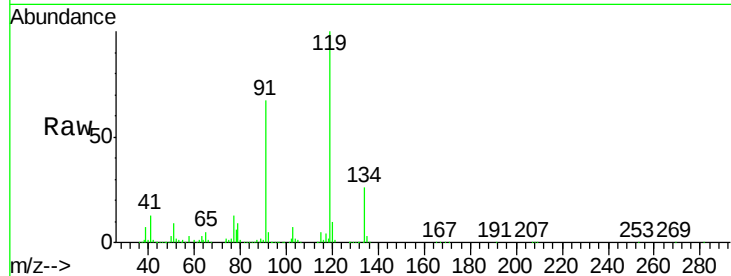
#79
tert-butylbenzene
Concen: 17.733 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207892		
91	66.2	0.0	135.6	
134	25.3	0.0	51.0	

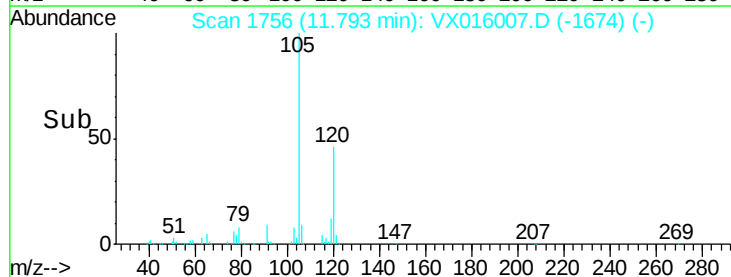
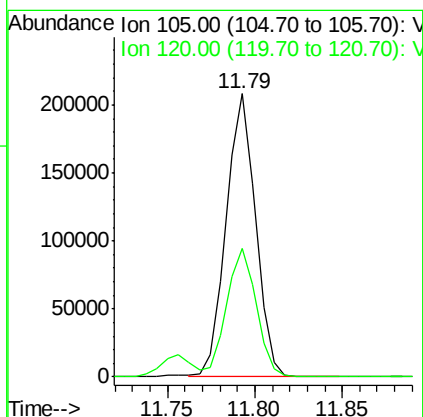
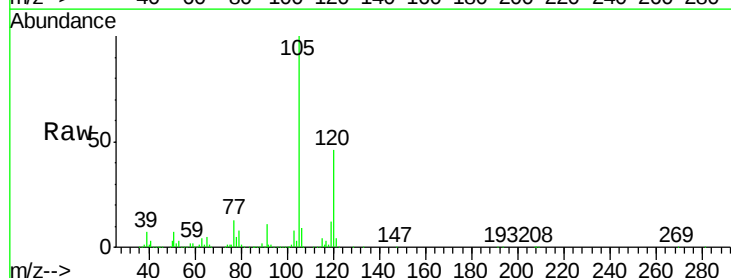
Manual Integrations
APPROVED

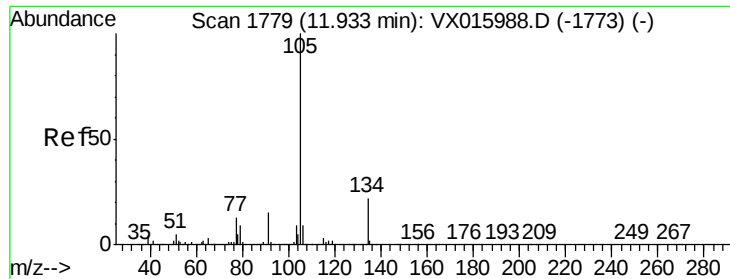
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.783 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	243865		
120	45.6	0.0	91.0	





#81

sec-Butylbenzene

Concen: 17.840 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS02

Tot Ion:105 Resp: 282089

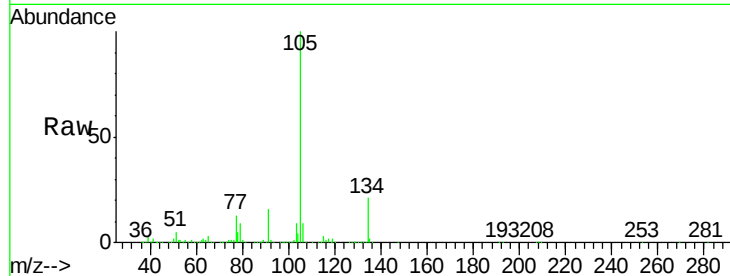
Ion Ratio Lower Upper

105 100

134 20.6 0.0 41.2

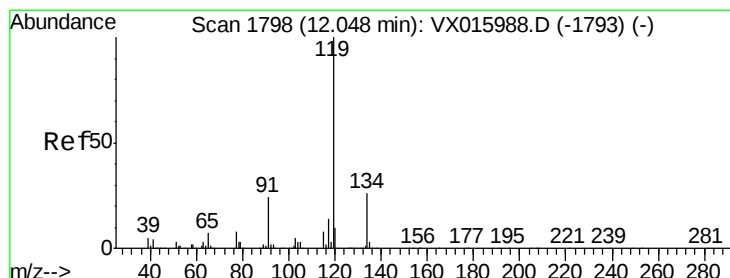
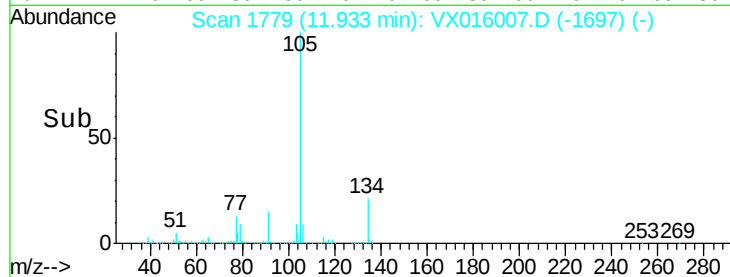
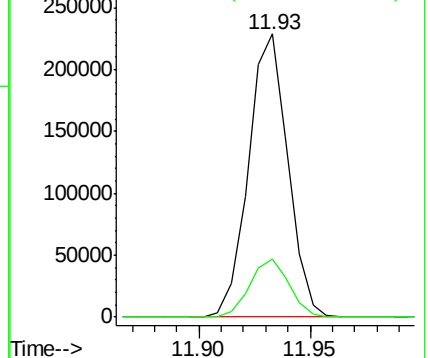
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 17.794 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

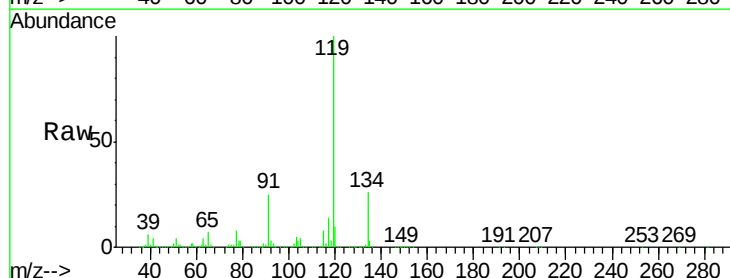
Tgt Ion:119 Resp: 260724

Ion Ratio Lower Upper

119 100

134 26.7 0.0 52.6

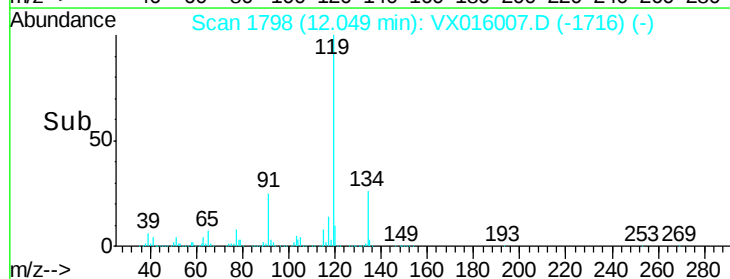
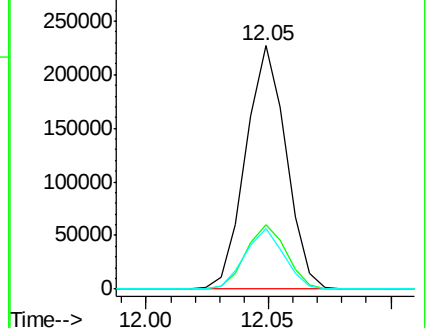
91 24.1 0.0 47.6

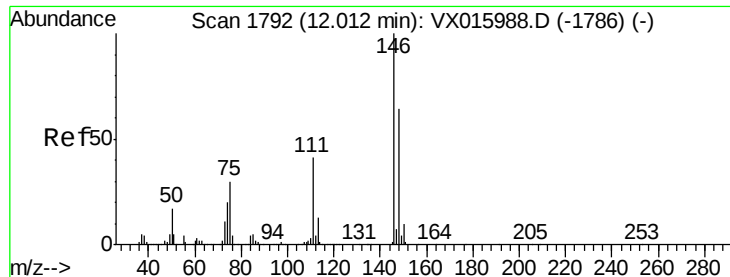


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





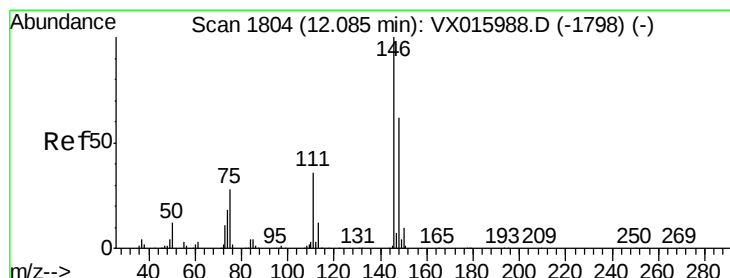
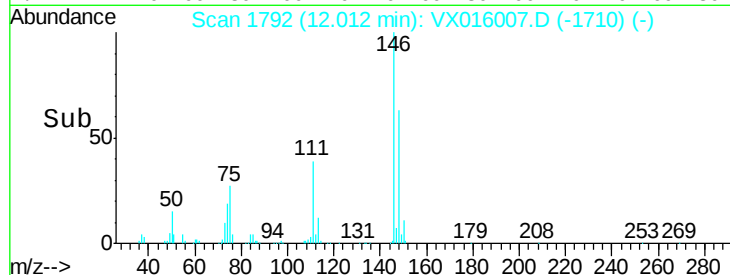
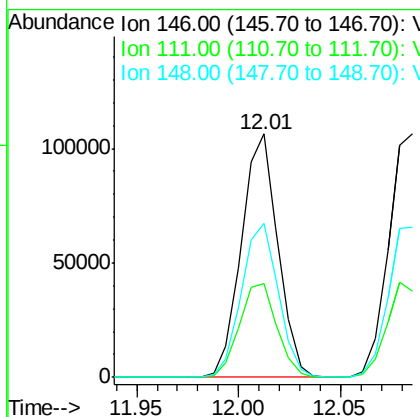
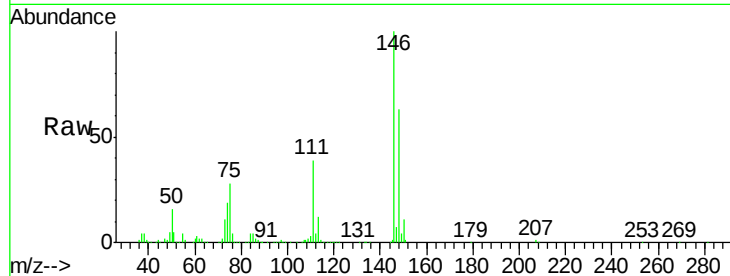
#83
 1,3-Dichlorobenzene
 Concen: 17.968 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.4	61.3
148	63.7	31.9	95.9

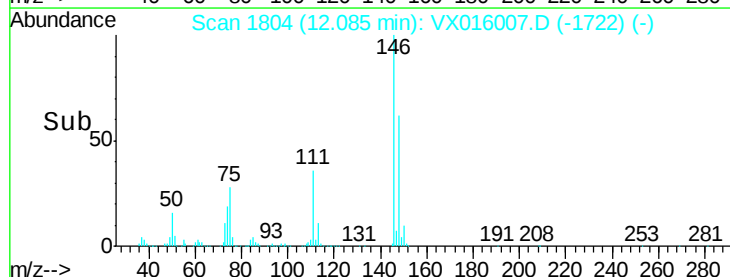
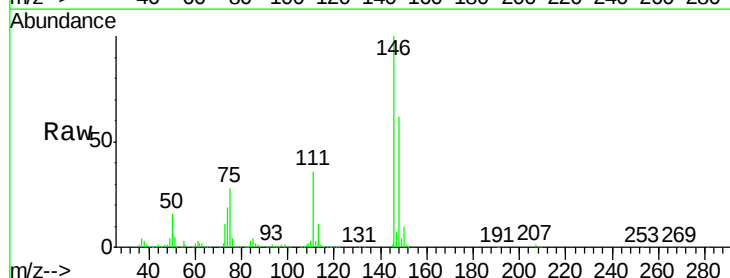
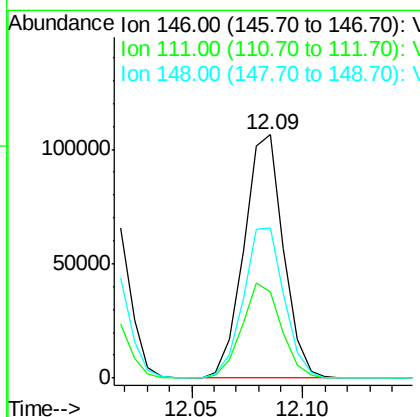
Manual Integrations
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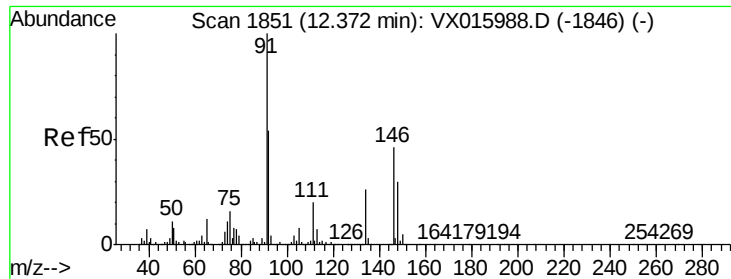
MMDadoda
 5/4/2020 2:19:53 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.097 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX016007.D
 Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	63.4	32.0	96.0





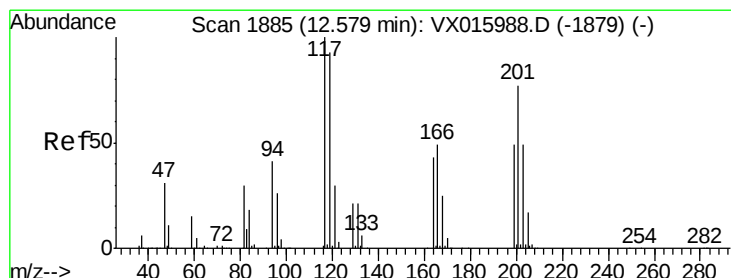
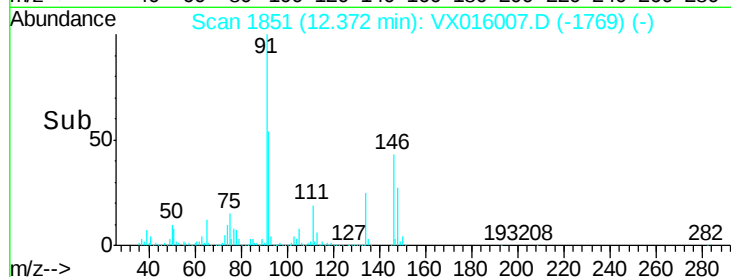
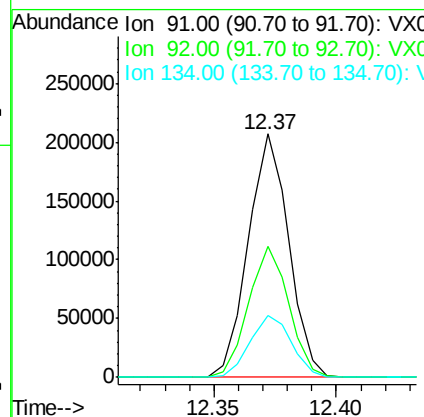
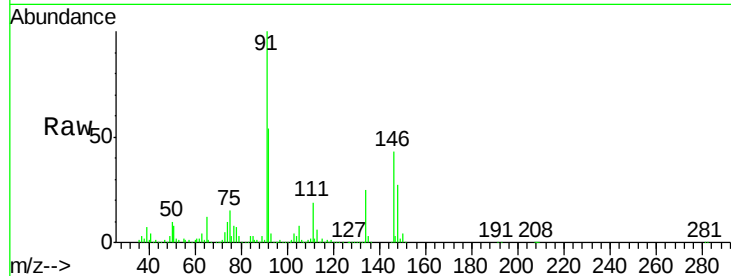
#85
n-Butylbenzene
Concen: 17.804 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	238303		
92	53.4	0.0	110.2	
134	26.1	0.0	53.4	

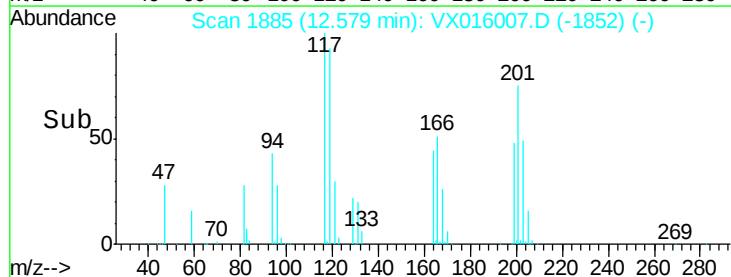
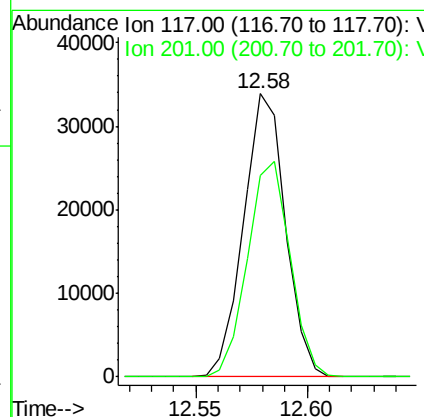
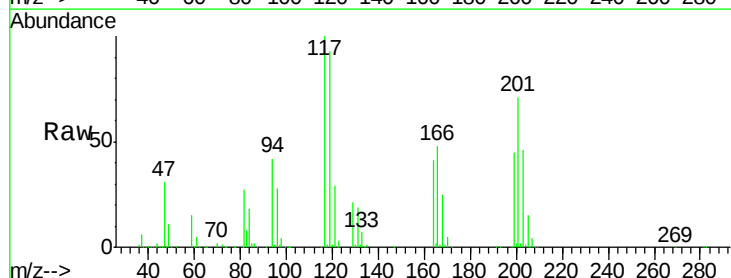
Manual Integrations
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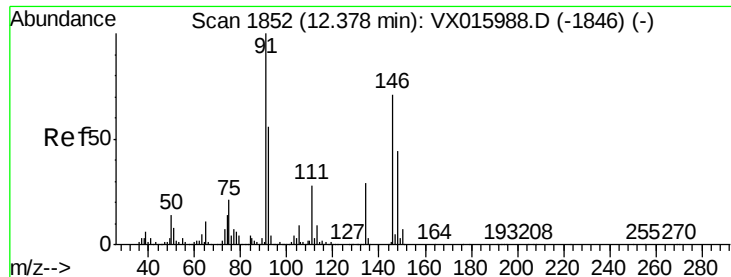
MMDadoda
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#86
Hexachloroethane
Concen: 17.270 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	44548		
201	77.5	40.1	120.2	





#87

1,2-Dichlorobenzene

Concen: 17.937 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Instrument :

MSVOA_X

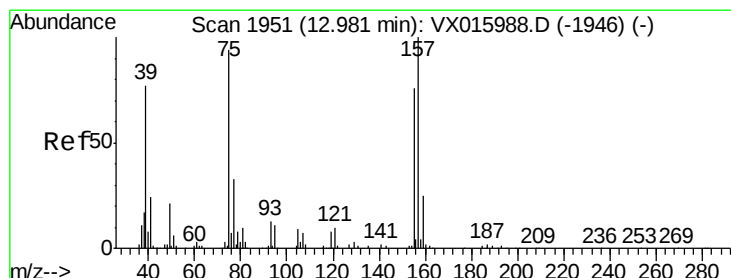
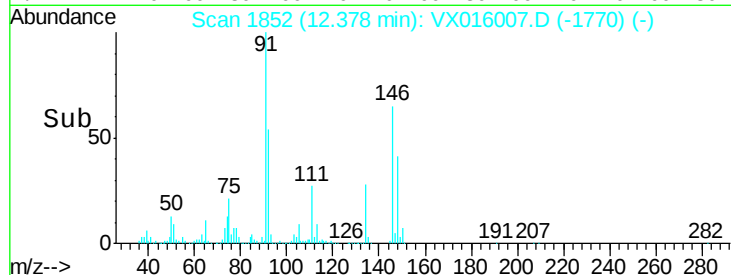
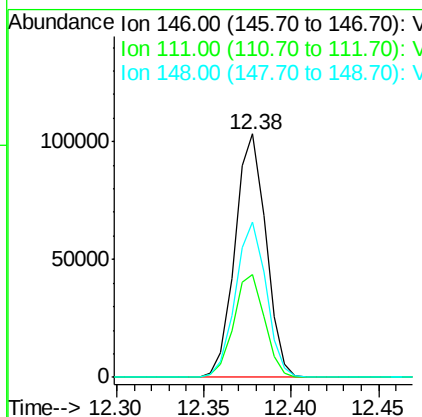
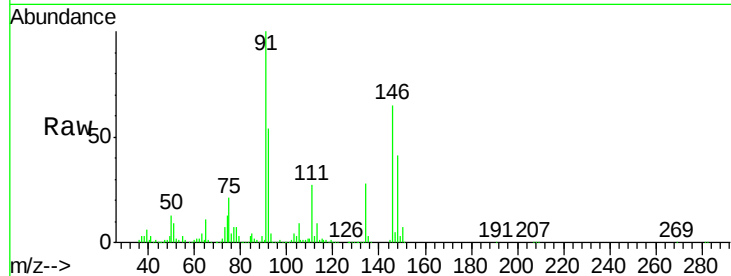
ClientSampled :

VX0501WBS02

Tot Ion:	146	Resp:	127457
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.7	62.1
148	63.1	32.0	96.2

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.239 ug/l

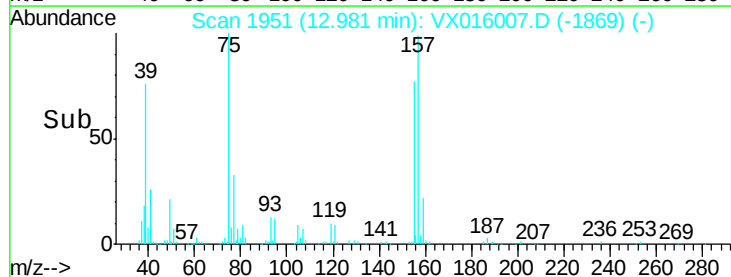
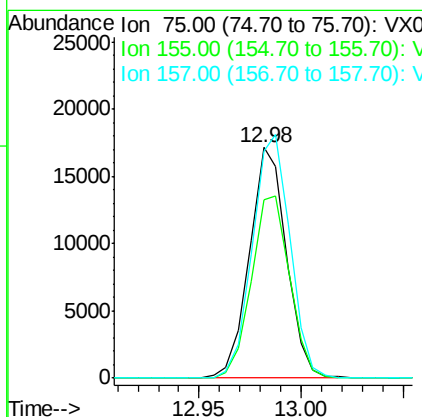
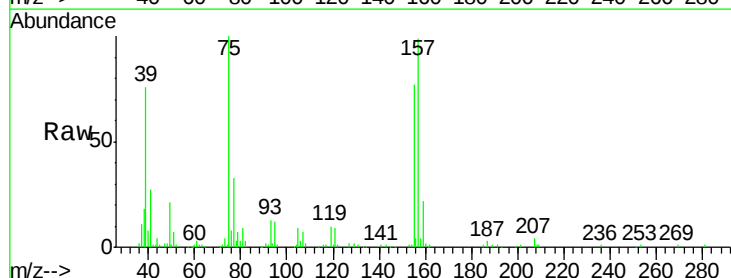
RT: 12.98 min Scan# 1951

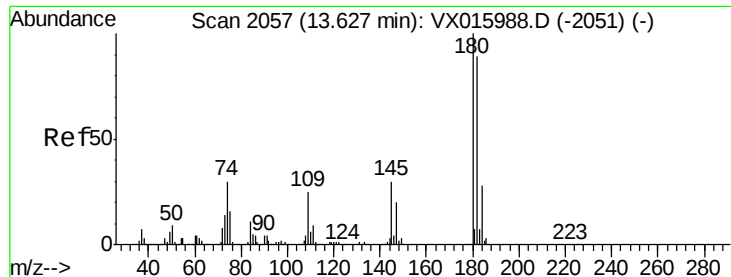
Delta R.T. 0.00 min

Lab File: VX016007.D

Acq: 01 May 2020 13:24

Tgt Ion:	75	Resp:	21686
Ion Ratio	Lower	Upper	
75	100		
155	81.9	66.9	100.3
157	107.3	88.2	132.2





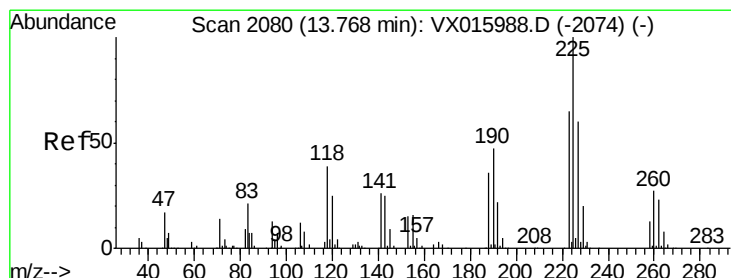
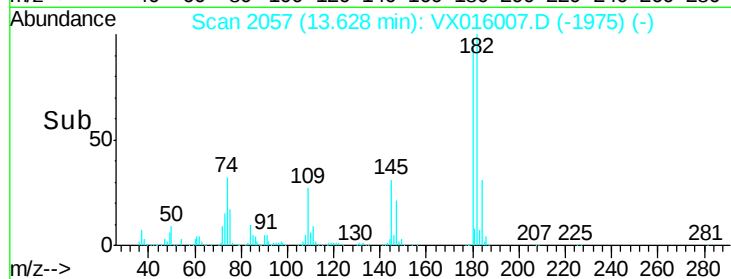
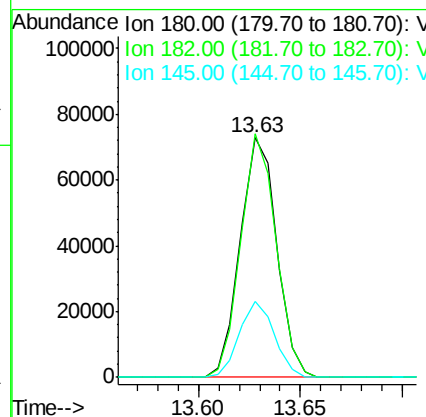
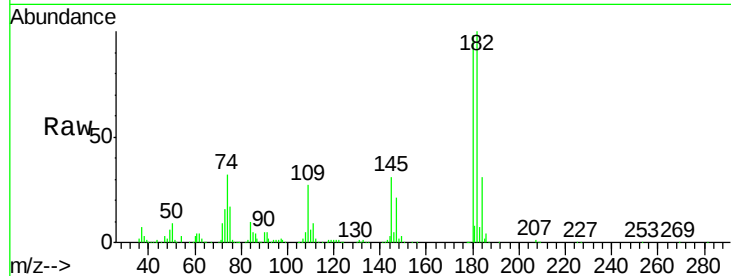
#89
1,2,4-Trichlorobenzene
Concen: 17.298 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampled :
VX0501WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	98.1	75.0	112.6	
145	30.5	23.9	35.9	

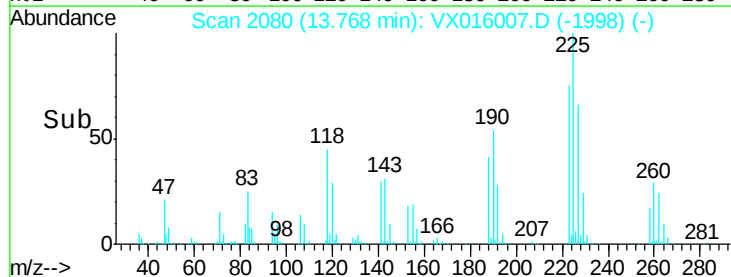
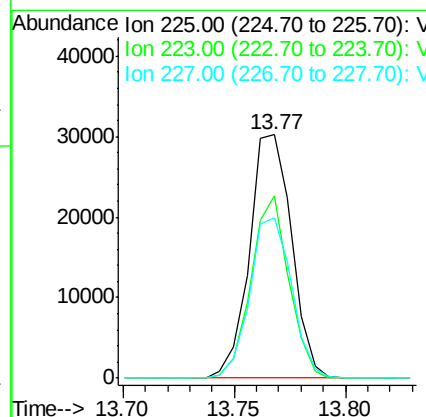
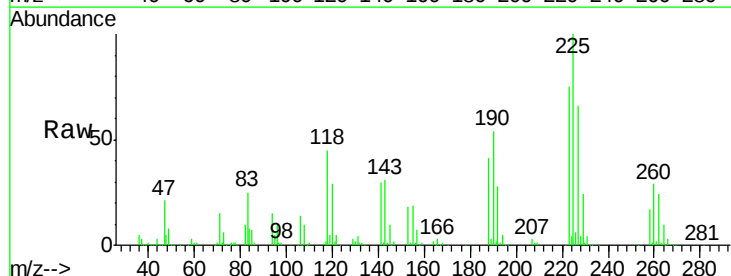
Manual Integrations
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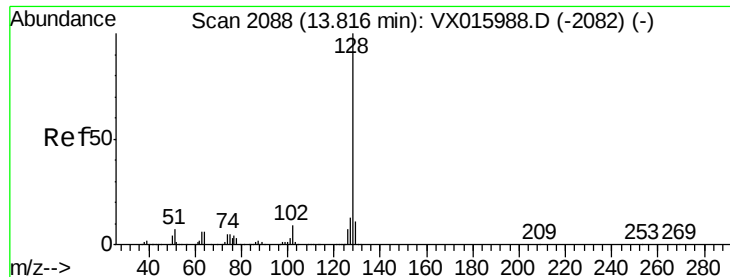
MMDadoda
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#90
Hexachlorobutadiene
Concen: 17.835 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	67.0	0.0	123.6	
227	65.3	0.0	123.6	





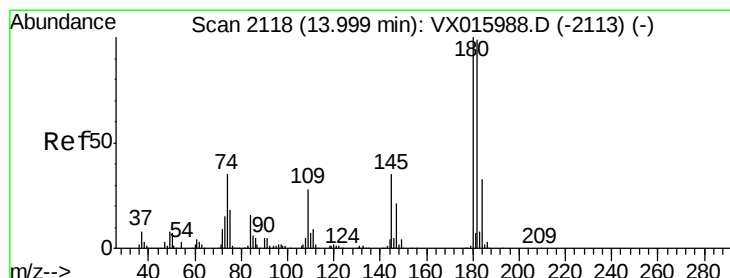
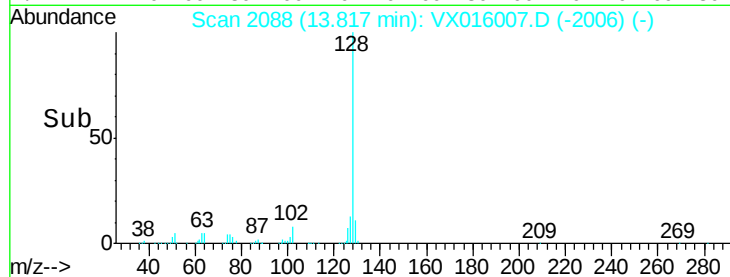
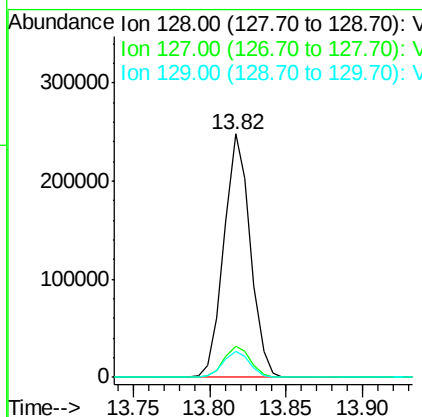
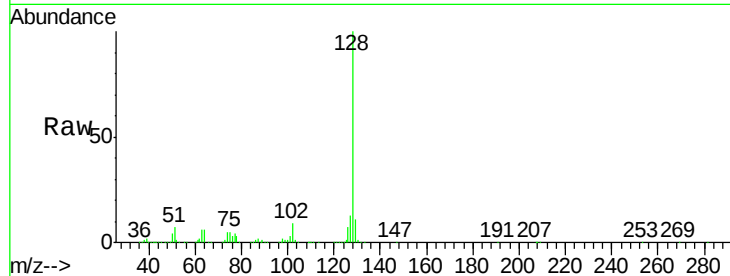
#91
Naphthalene
Concen: 17.734 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS02

Tot Ion:	128	Resp:	295486
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.011 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX016007.D
Acq: 01 May 2020 13:24

Tgt Ion:	180	Resp:	90561
Ion Ratio	Lower	Upper	
180	100		
182	94.7	0.0	197.2
145	31.6	0.0	66.0

