

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016999.D
 Acq On : 26 Jun 2020 23:18
 Operator : JC/SP
 Sample : VX0626WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0626WBS02

Manual Integrations
 APPROVED

MMDadoda
 6/29/2020 12:32:50 PM

Quant Time: Jun 27 02:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	55948	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	298985	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	278355	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	125352	28.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.97%
60) 4-Bromofluorobenzene	11.12	95	140860	30.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.13%
63) Toluene-d8	8.70	98	371140	30.25	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.83%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	58677	21.567	ug/l	98
3) Chloromethane	1.32	50	68531	18.575	ug/l	100
4) Vinyl Chloride	1.39	62	65043	17.288	ug/l	95
5) Bromomethane	1.64	94	43075	15.900	ug/l	100
6) Chloroethane	1.72	64	39682	16.353	ug/l	99
7) Trichlorofluoromethane	1.92	101	97408	15.919	ug/l	97
8) Diethyl Ether	2.17	74	36721	16.493	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	59020	18.174	ug/l	94
10) 1,1-Dichloroethene	2.36	96	59238	18.495	ug/l	92
11) Methyl Iodide	2.49	142	70076	16.386	ug/l	94
12) Methyl Acetate	2.75	43	76291	18.883	ug/l	97
13) Acrolein	2.27	56	48892	76.694	ug/l	99
14) Acrylonitrile	3.12	53	180206	94.176	ug/l	99
15) Acetone	2.42	58	47218	95.353	ug/l	99
16) Carbon Disulfide	2.55	76	174036	17.285	ug/l	99
17) Allyl chloride	2.71	41	110508	18.431	ug/l	95
18) Methylene Chloride	2.84	84	70880	18.373	ug/l	95
19) trans-1,2-Dichloroethene	3.14	96	66920	18.441	ug/l	98
20) Diisopropyl ether	3.82	45	229037	19.114	ug/l	95
21) 1,1-Dichloroethane	3.67	63	123235	18.651	ug/l	99
22) cis-1,2-Dichloroethene	4.56	96	75412	18.665	ug/l	95
23) tert-Butyl Alcohol	3.01	59	75111	88.614	ug/l #	100
24) Methyl tert-Butyl Ether	3.17	73	210306	18.389	ug/l	97
25) Chloroform	5.18	83	125960	18.803	ug/l	100
26) Cyclohexane	5.55	56	101656	17.637	ug/l #	100
29) 1,1-Dichloropropene	5.77	75	88506	18.171	ug/l	98
30) 2-Butanone	4.64	43	250579	98.702	ug/l	98
31) 2,2-Dichloropropane	4.56	77	88839	15.904	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	112209	19.039	ug/l	98
33) Carbon Tetrachloride	5.76	117	100985	19.321	ug/l	99
34) Benzene	6.12	78	270609	19.081	ug/l	98
35) Methacrylonitrile	5.01	41	56621	20.209	ug/l	94
36) 1,2-Dichloroethane	6.17	62	100608	18.523	ug/l	100
37) Trichloroethene	7.18	130	87297	22.558	ug/l	93
38) Methylcyclohexane	7.44	83	96824	17.456	ug/l	96
39) 1,2-Dichloropropane	7.49	63	70878	19.183	ug/l	95
40) Dibromomethane	7.64	93	48603	19.086	ug/l	97

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Instrument :
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Manual Integrations
 APPROVED

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Quant Time: Jun 27 02:56:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	100599	19.078	ug/l	93
42) Vinyl Acetate	3.79	43	955761	93.421	ug/l	99
43) Ethyl Acetate	4.79	43	99049	18.835	ug/l	100
44) Isopropyl Acetate	6.41	43	155596	17.951	ug/l	98
45) 1,4-Dioxane	7.71	88	35505	406.019	ug/l	96
46) Methyl methacrylate	7.74	41	75782	18.892	ug/l	94
47) n-amyl Acetate	10.88	43	135960	17.745	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	104978	18.006	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	113583	18.537	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	69640	19.595	ug/l	98
51) Ethyl methacrylate	9.16	69	99345	18.215	ug/l	96
52) 1,3-Dichloropropane	9.35	76	116152	19.037	ug/l	96
53) Dibromochloromethane	9.57	129	79867	19.553	ug/l	98
54) 1,2-Dibromoethane	9.65	107	74355	19.717	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	285158	99.355	ug/l	99
56) Bromoform	10.84	173	56106	19.350	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	498279	97.180	ug/l	99
59) 2-Hexanone	9.47	43	365492	95.513	ug/l	98
61) Tetrachloroethene	9.32	164	66518	18.738	ug/l	93
62) Toluene	8.76	91	292403	19.206	ug/l	99
64) Chlorobenzene	10.12	112	183520	19.241	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	71005	19.774	ug/l	98
66) Ethyl Benzene	10.24	91	315469	18.685	ug/l	97
67) m/p-Xylenes	10.34	106	245393	38.529	ug/l	97
68) o-Xylene	10.68	106	114207	18.667	ug/l	100
69) Styrene	10.70	104	198984	18.995	ug/l	97
70) Isopropylbenzene	11.00	105	312649	18.842	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	99568	19.538	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	97369m	19.896	ug/l	
73) Bromobenzene	11.24	156	79537	18.992	ug/l	95
74) n-propylbenzene	11.34	91	359278	18.235	ug/l	99
75) 2-Chlorotoluene	11.40	91	217261	18.910	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	262986	18.881	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	34257	17.273	ug/l	93
78) 4-Chlorotoluene	11.49	91	257778	18.950	ug/l	99
79) tert-butylbenzene	11.76	119	251328	18.836	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	267835	19.154	ug/l	99
81) sec-Butylbenzene	11.93	105	294798	18.248	ug/l	99
82) p-Isopropyltoluene	12.05	119	269396	18.469	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	141819	18.897	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	146590	19.441	ug/l	100
85) n-Butylbenzene	12.37	91	233878	17.322	ug/l	99
86) Hexachloroethane	12.58	117	54047	18.933	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	138201	19.674	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	22559	19.457	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	88658	18.707	ug/l	97
90) Hexachlorobutadiene	13.77	225	34106	18.918	ug/l	98
91) Naphthalene	13.82	128	295936	19.051	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	88558	19.148	ug/l	99

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

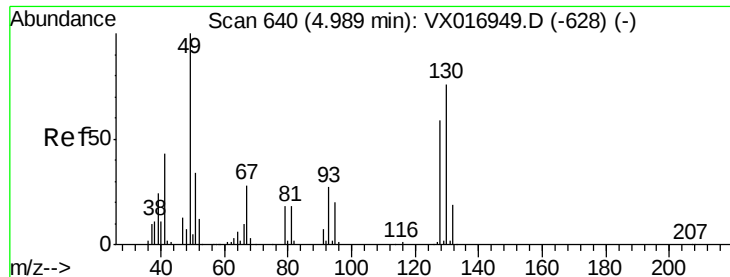
Manual Integrations
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6/29/2020 12:32:50 PM

Quant Time: Jun 27 02:56:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 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



#1

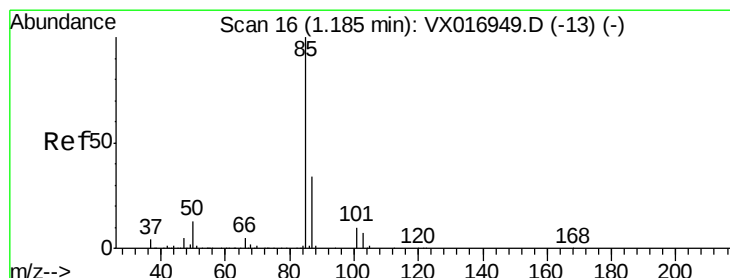
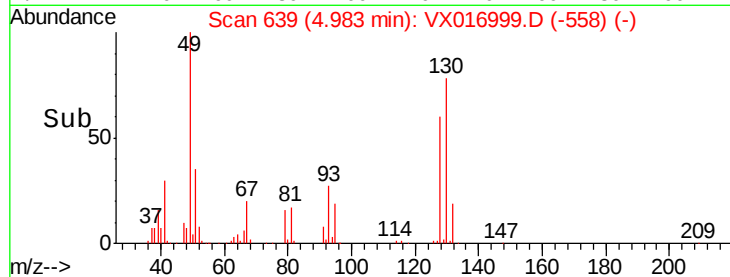
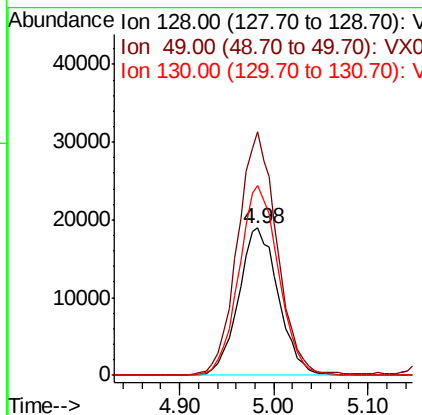
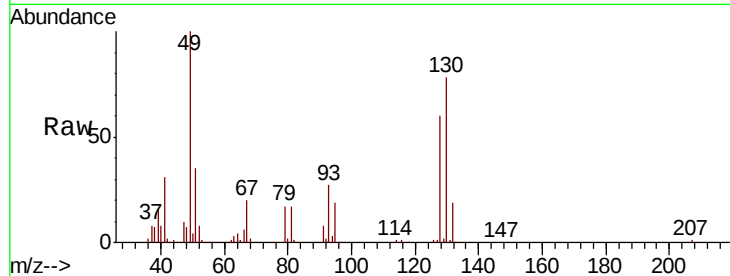
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.01 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS02

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.7	0.0	428.0
130	128.5	0.0	318.0

Manual Integrations
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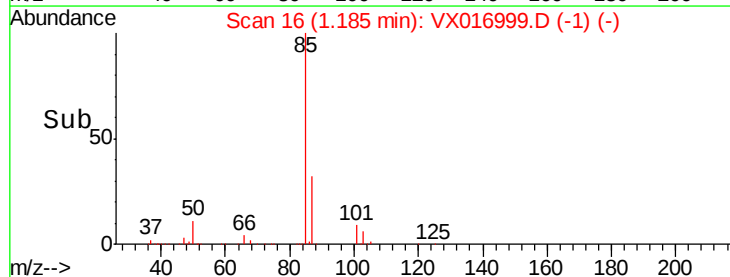
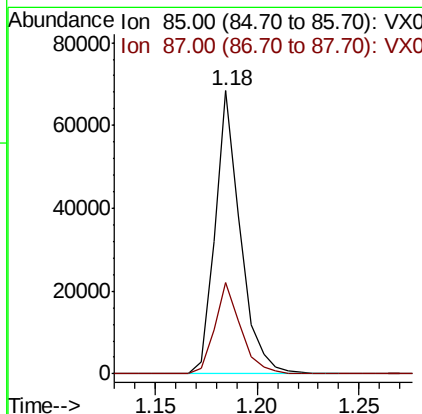
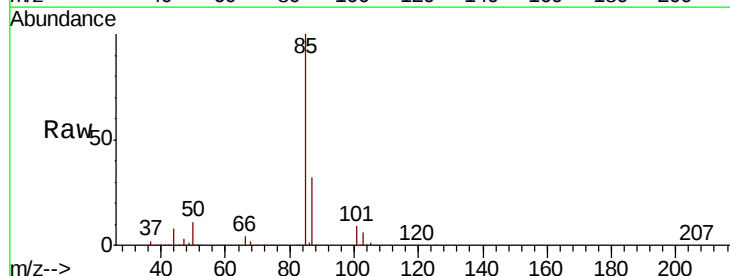
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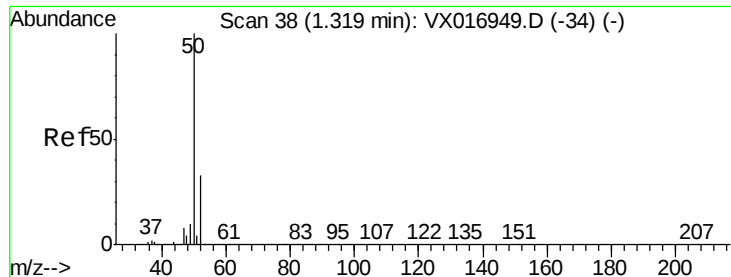


#2

Dichlorodifluoromethane
 Concen: 21.567 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.9	50.7





#3

Chloromethane

Concen: 18.575 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 50 Resp: 68531

Ion Ratio Lower Upper

50 100

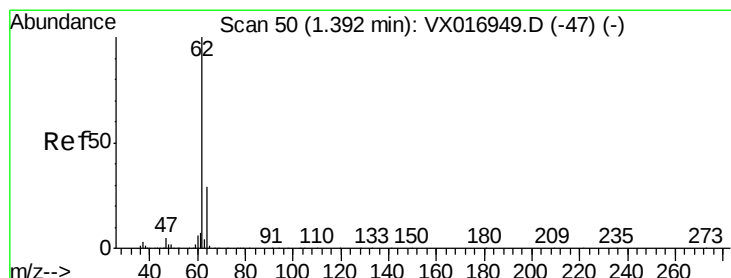
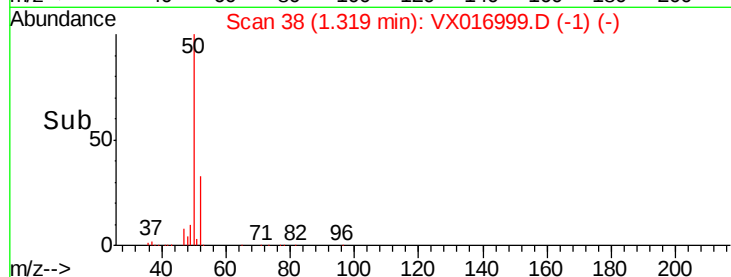
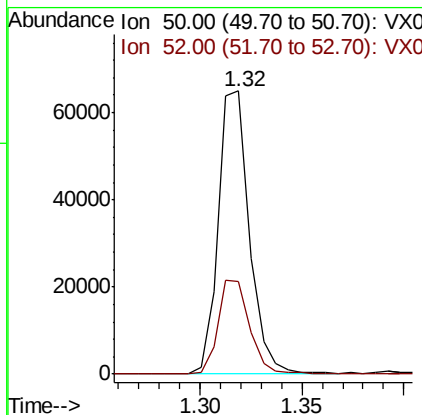
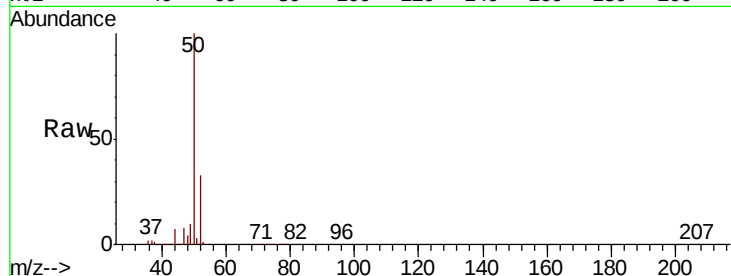
52 32.8 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.288 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016999.D

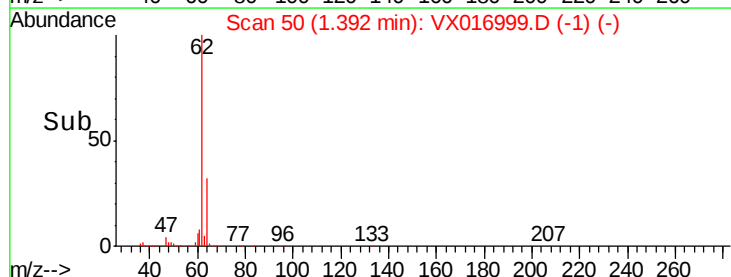
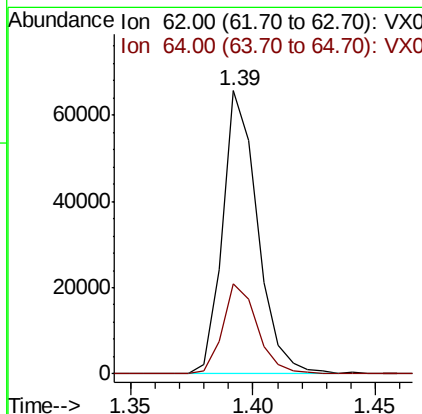
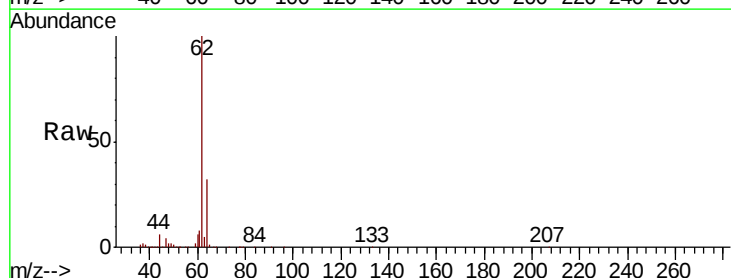
Acq: 26 Jun 2020 23:18

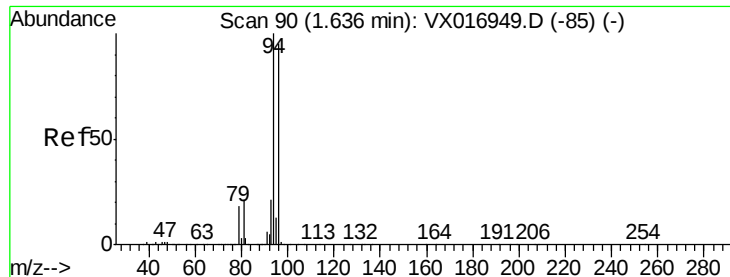
Tgt Ion: 62 Resp: 65043

Ion Ratio Lower Upper

62 100

64 31.9 23.4 35.0





#5

Bromomethane

Concen: 15.900 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 94 Resp: 43075

Ion Ratio Lower Upper

94 100

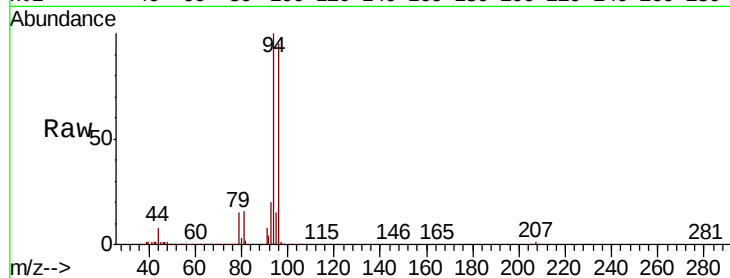
96 94.9 75.5 113.3

Manual Integrations

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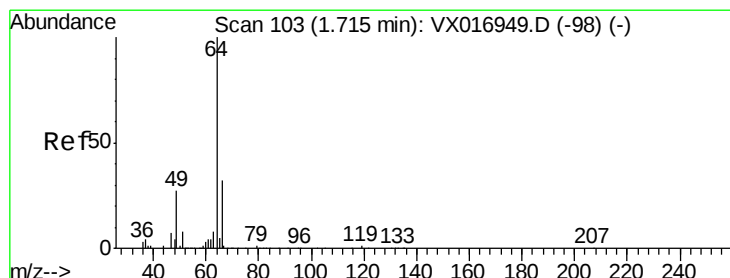
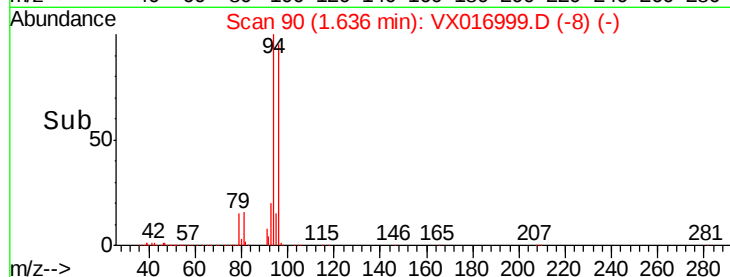
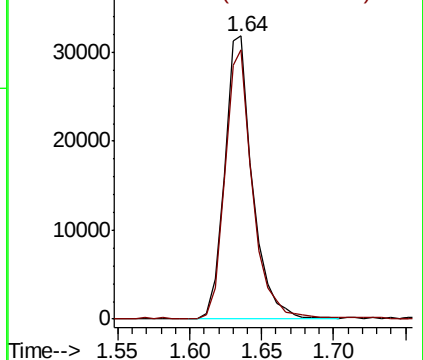
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.353 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016999.D

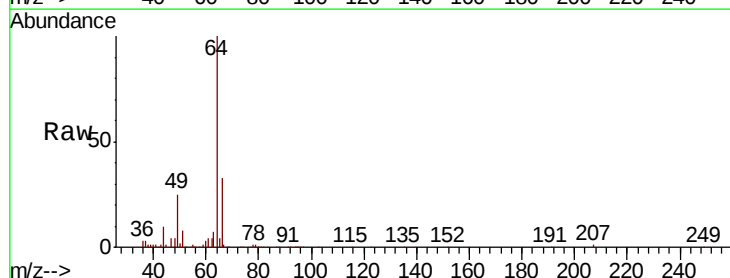
Acq: 26 Jun 2020 23:18

Tgt Ion: 64 Resp: 39682

Ion Ratio Lower Upper

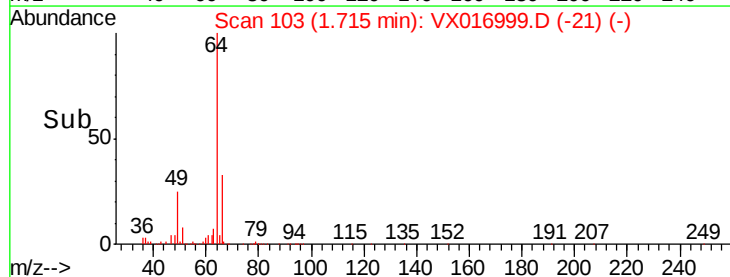
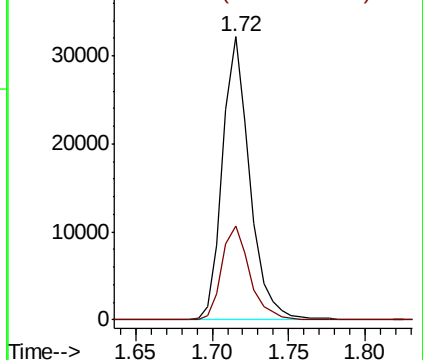
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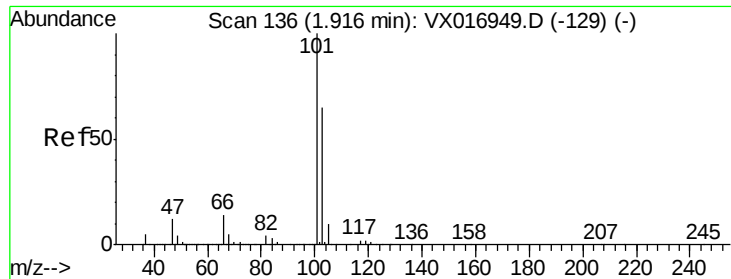
66 33.1 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

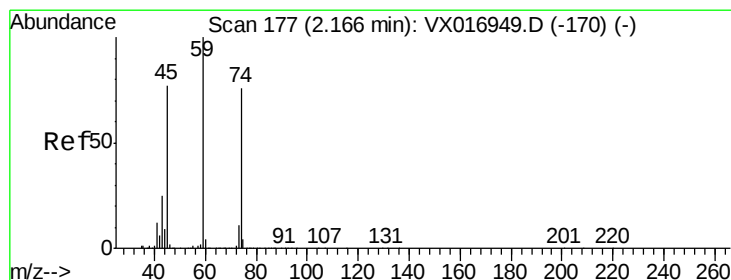
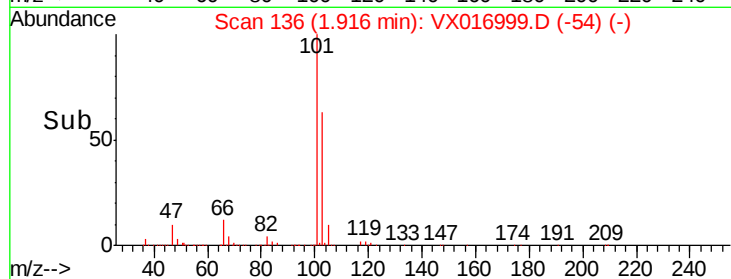
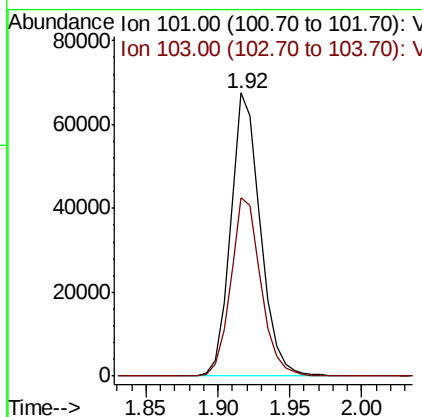
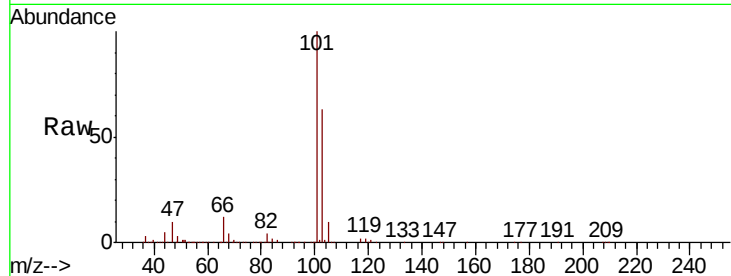
Trichlorofluoromethane
Concen: 15.919 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.1	78.1

Manual Integrations
APPROVED

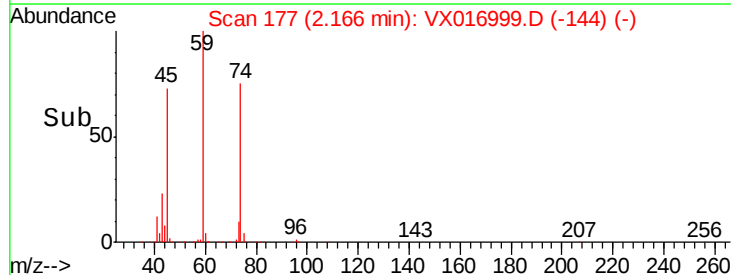
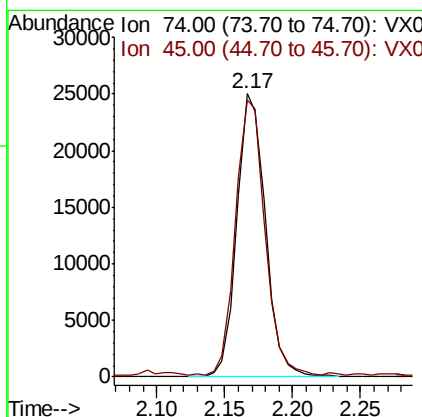
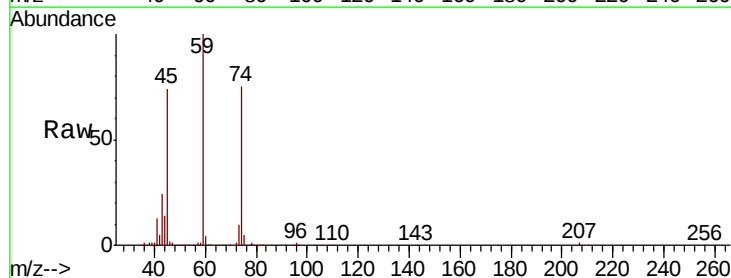
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6/29/2020 12:32:50 PM

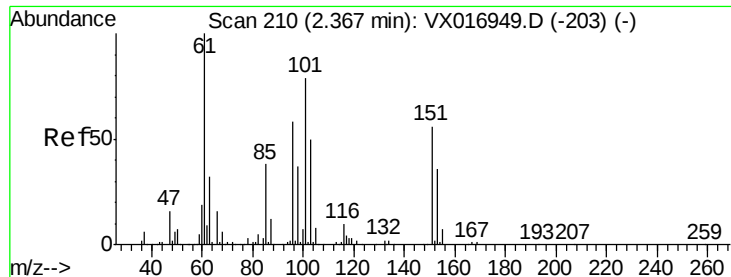


#8

Diethyl Ether
Concen: 16.493 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.8	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.174 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

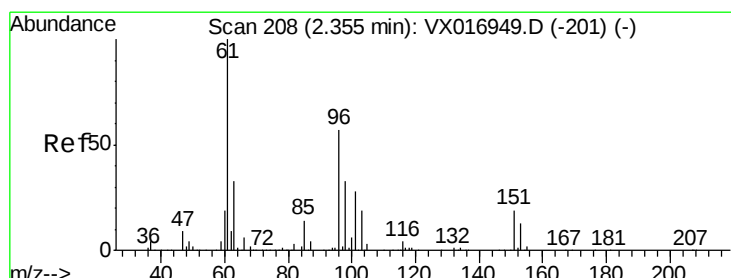
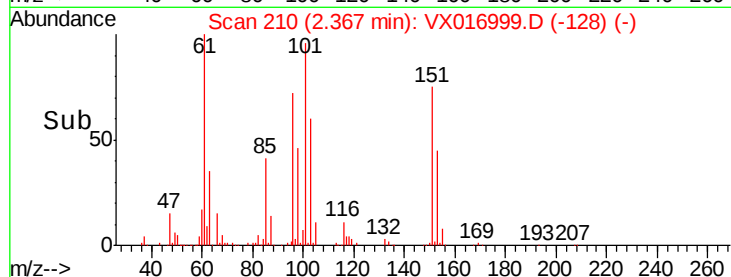
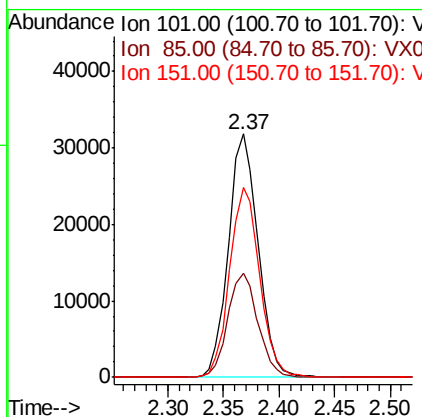
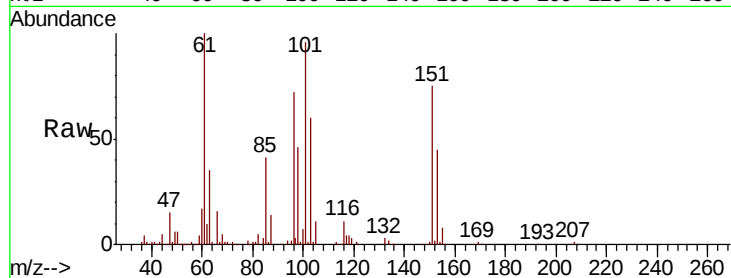
ClientSampleId :

VX0626WBS02

Tot Ion:	101	Resp:	59020
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	94.6
151	78.4	0.0	145.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.495 ug/l

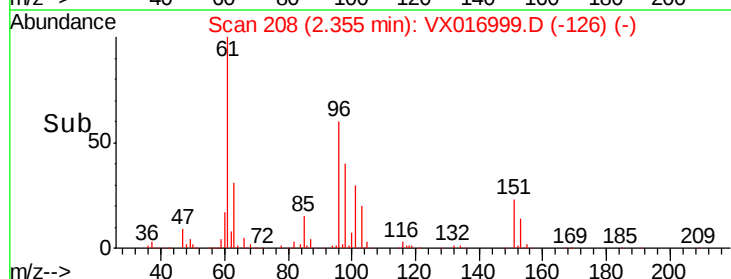
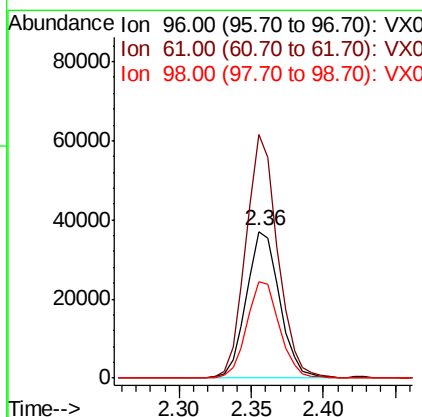
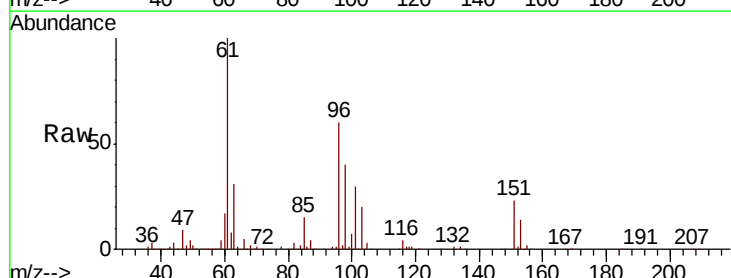
RT: 2.36 min Scan# 208

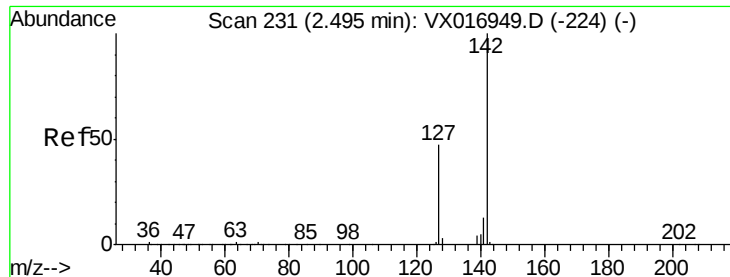
Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion:	96	Resp:	59238
Ion Ratio	Lower	Upper	
96	100		
61	166.3	141.3	211.9
98	66.1	47.0	70.4





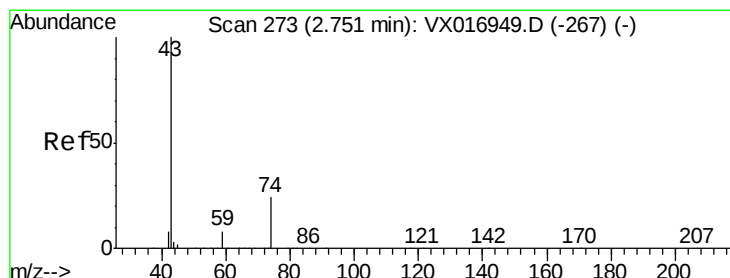
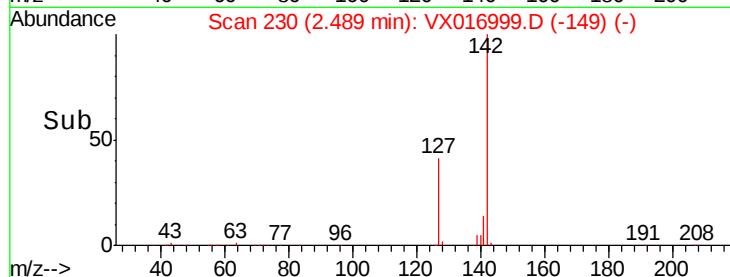
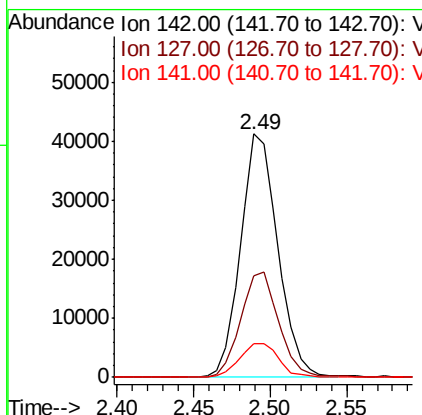
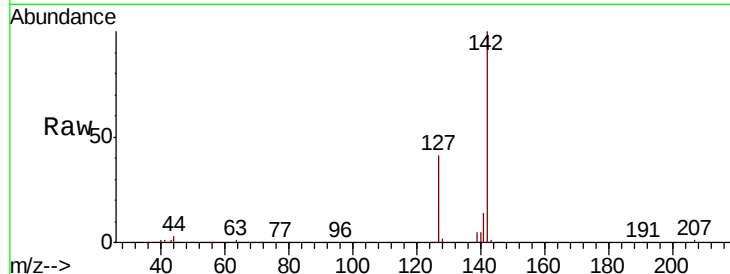
#11
Methyl Iodide
Concen: 16.386 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
142	100		
127	41.3	23.3	69.9
141	13.7	6.7	20.1

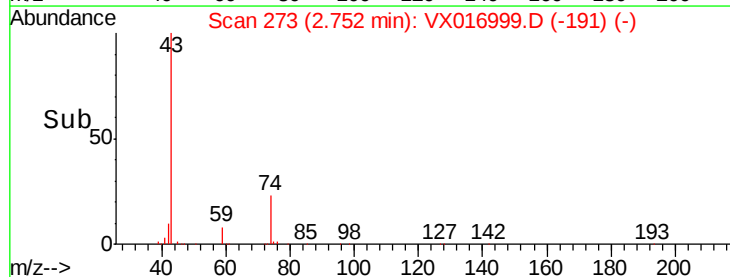
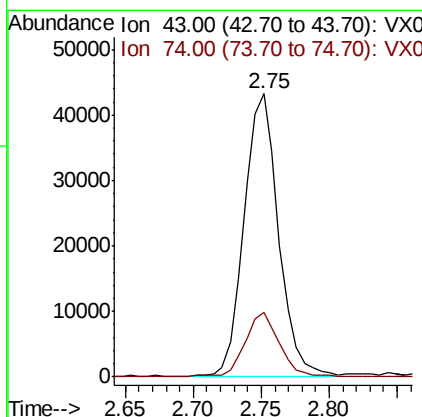
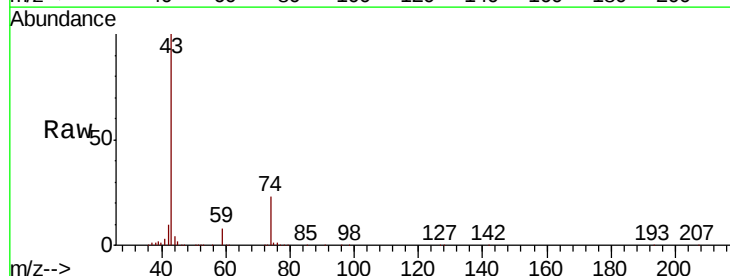
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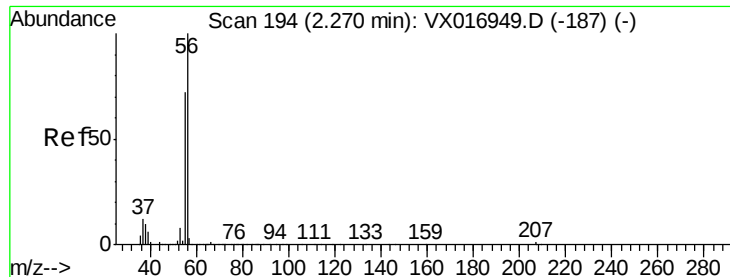
MMDadoda
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#12
Methyl Acetate
Concen: 18.883 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.6	19.1	28.7





#13

Acrolein

Concen: 76.694 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 56 Resp: 48892

Ion Ratio Lower Upper

56 100

55 71.2

56.2

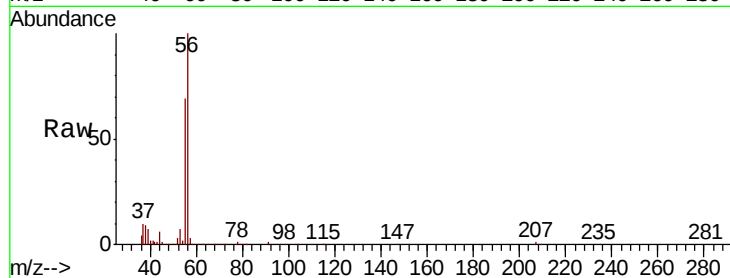
84.4

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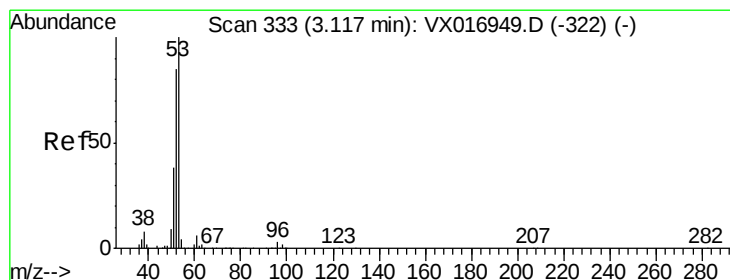
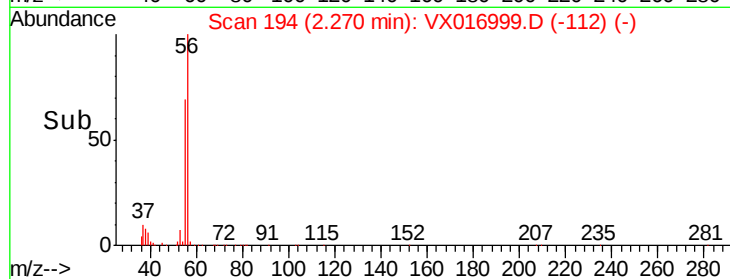
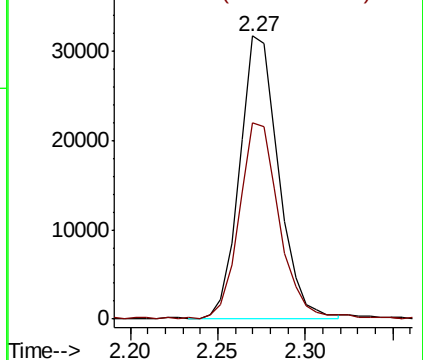
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 94.176 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion: 53 Resp: 180206

Ion Ratio Lower Upper

53 100

52 81.6

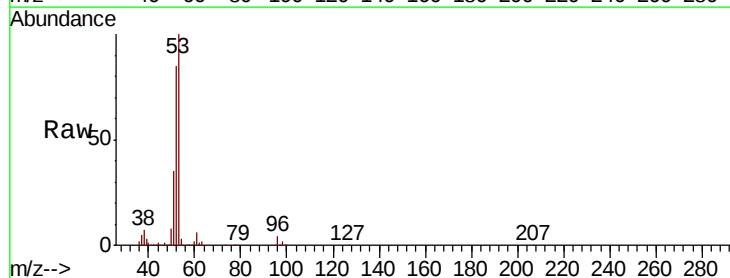
40.6

121.8

51 35.5

18.4

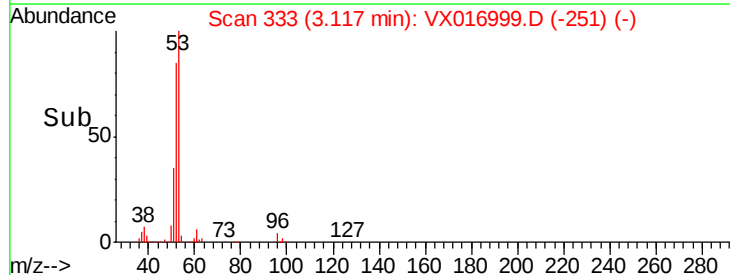
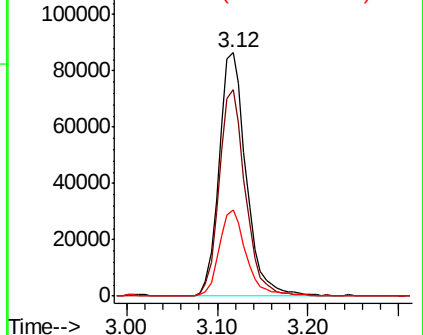
55.4

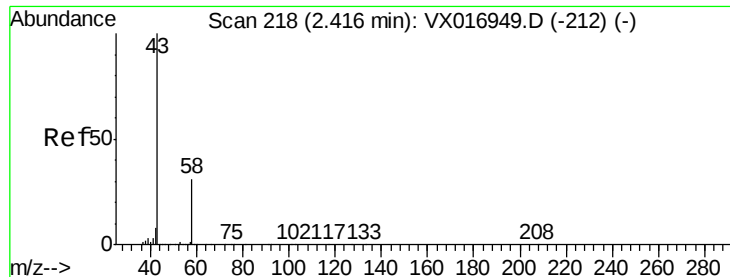


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 95.353 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 58 Resp: 47218

Ion Ratio Lower Upper

58 100

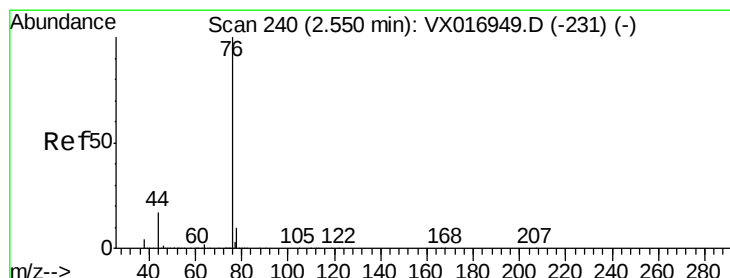
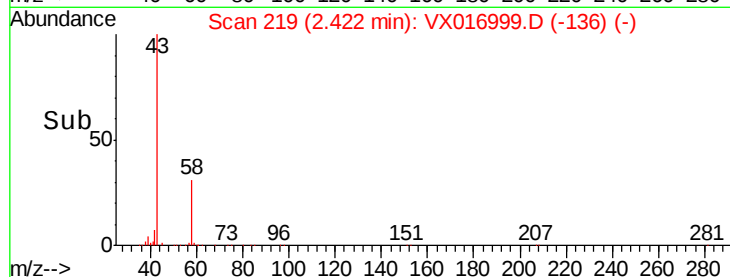
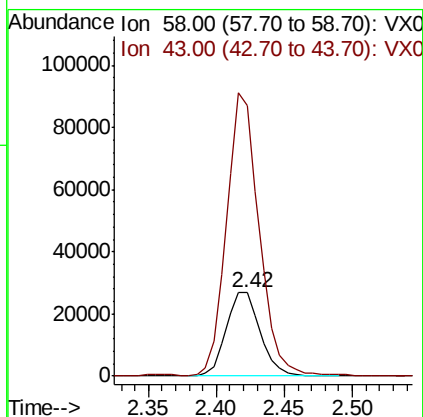
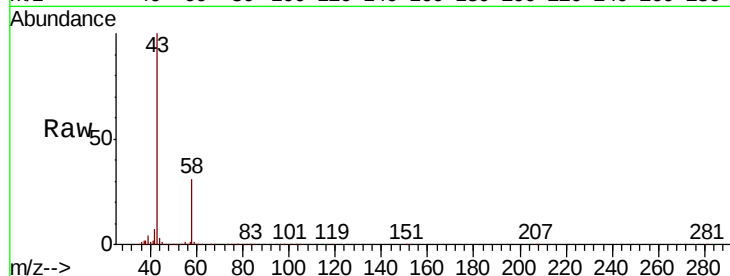
43 323.1 257.6 386.4

Manual Integrations

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#16

Carbon Disulfide

Concen: 17.285 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016999.D

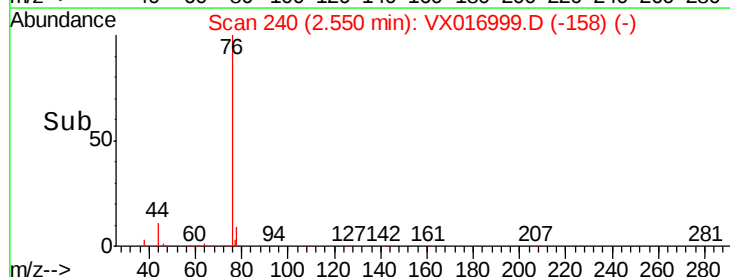
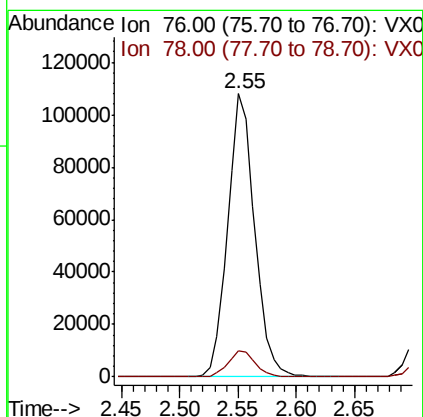
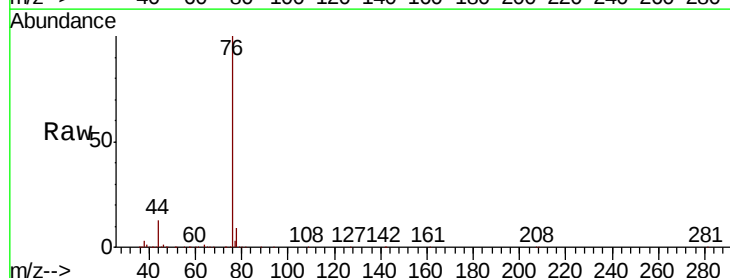
Acq: 26 Jun 2020 23:18

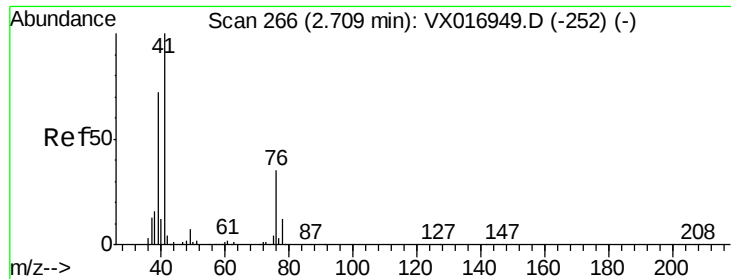
Tgt Ion: 76 Resp: 174036

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4





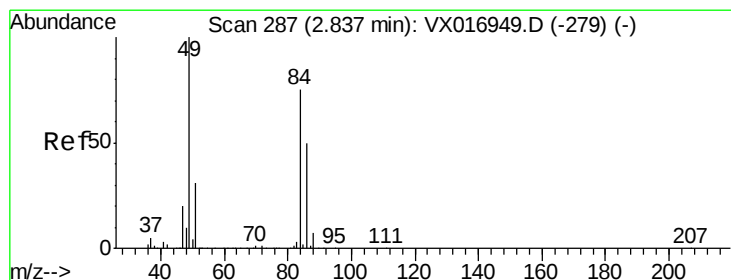
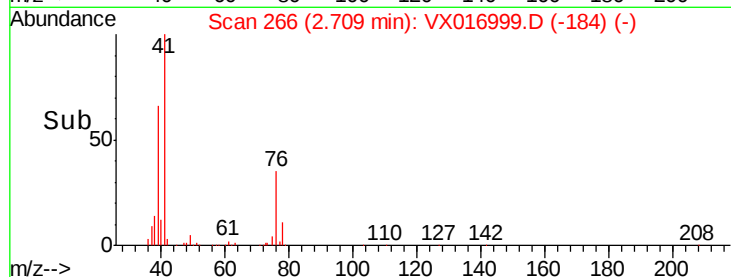
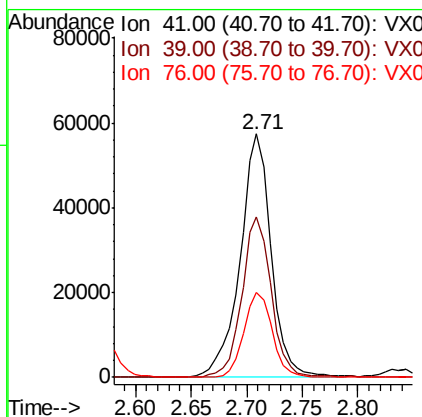
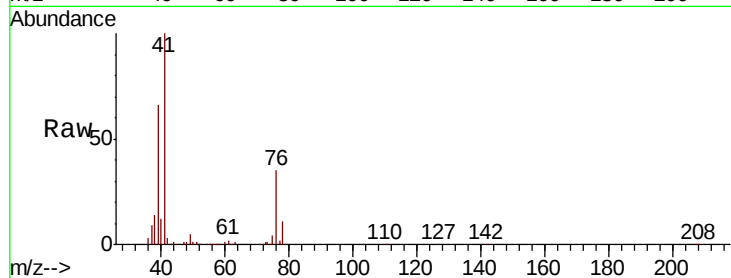
#17
Allvl chloride
Concen: 18.431 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	65.9	35.9	107.8
76	34.9	17.6	52.8

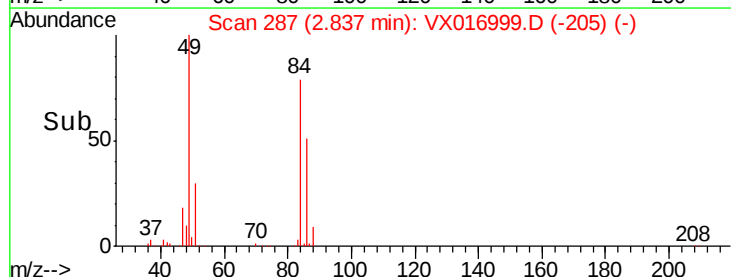
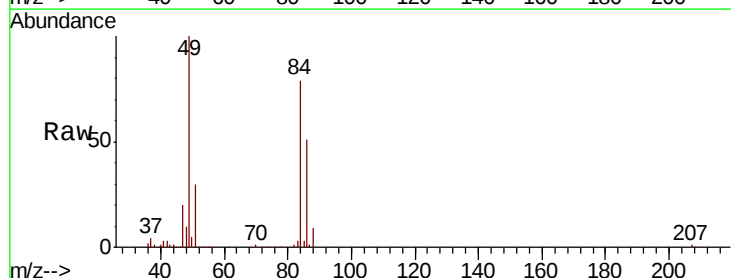
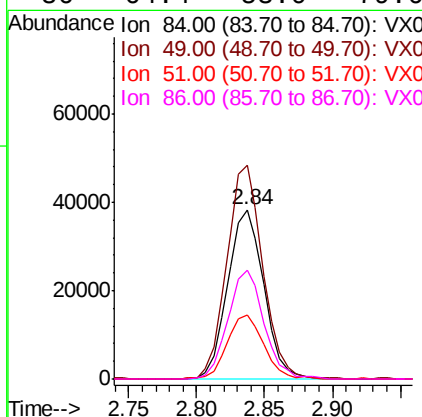
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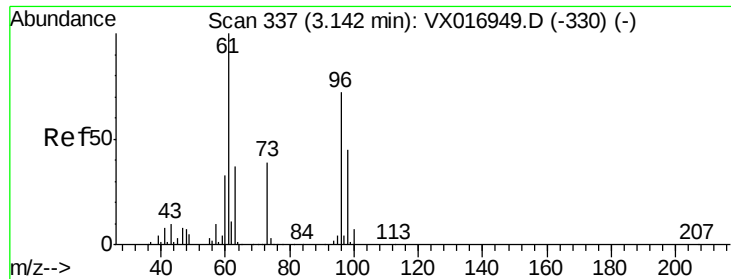
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#18
Methylene Chloride
Concen: 18.373 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.0	106.6	159.8
51	37.7	32.7	49.1
86	64.4	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 18.441 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

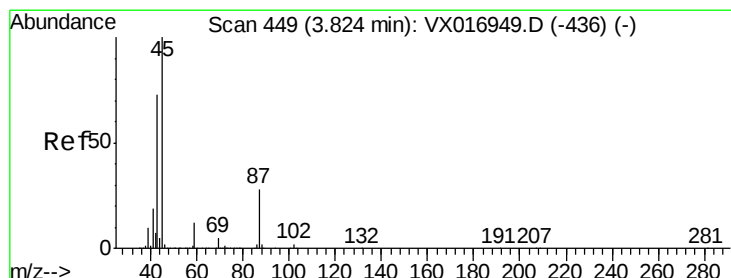
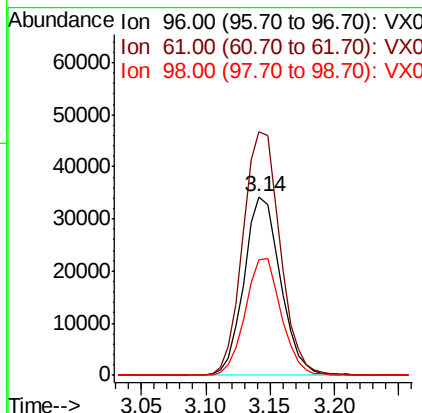
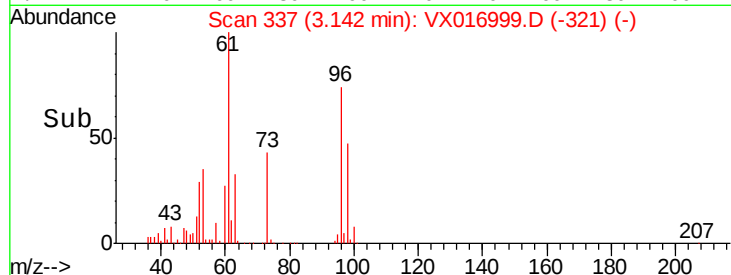
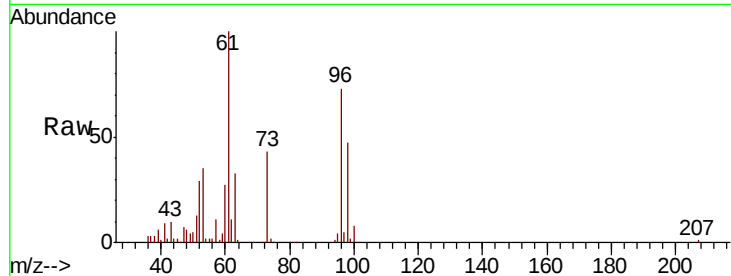
ClientSampleId :

VX0626WBS02

Tot Ion:	96	Resp:	66920
Ion	Ratio	Lower	Upper
96	100		
61	136.1	110.6	165.8
98	64.5	49.8	74.6

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#20

Diisopropyl ether

Concen: 19.114 ug/l

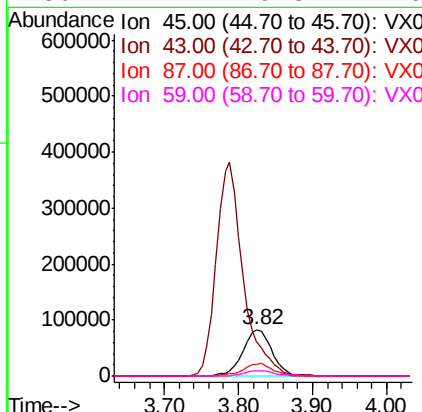
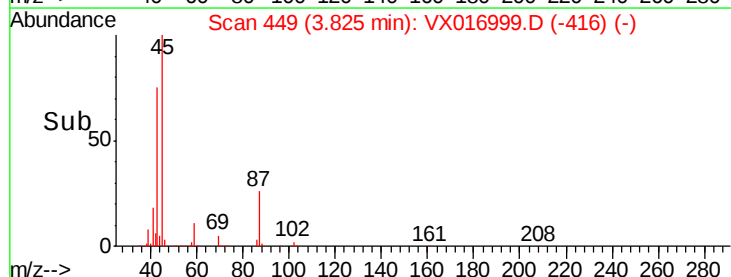
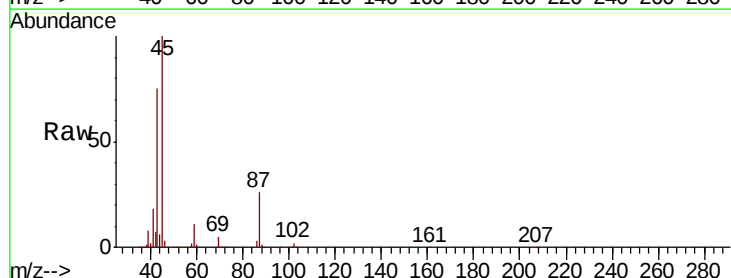
RT: 3.82 min Scan# 449

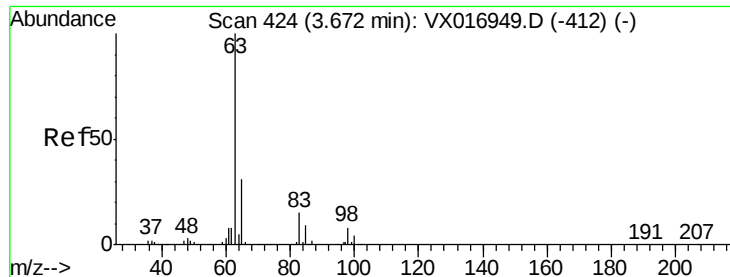
Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion:	45	Resp:	229037
Ion	Ratio	Lower	Upper
45	100		
43	74.8	63.9	95.9
87	26.2	22.2	33.4
59	11.1	9.8	14.6





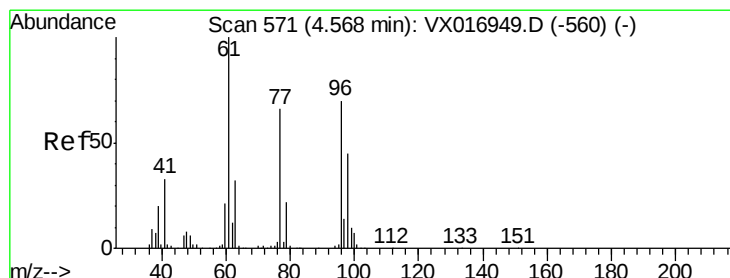
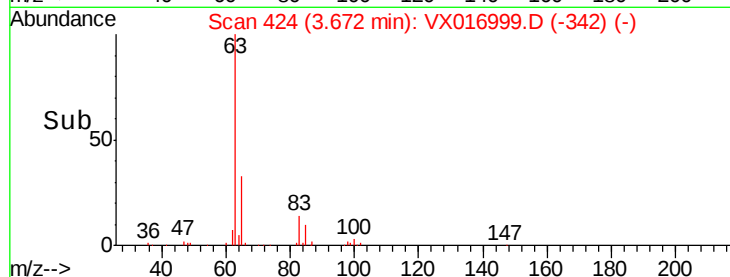
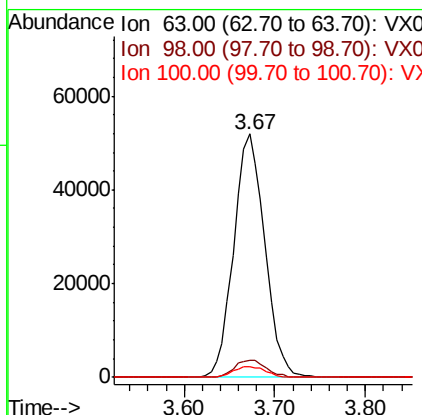
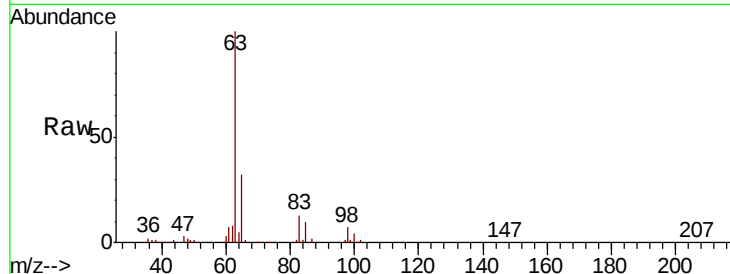
#21
 1,1-Dichloroethane
 Concen: 18.651 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
63	100	123235		
98	7.2	3.8	11.4	
100	4.4	2.2	6.6	

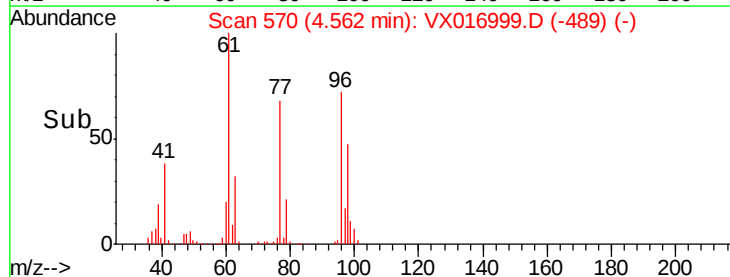
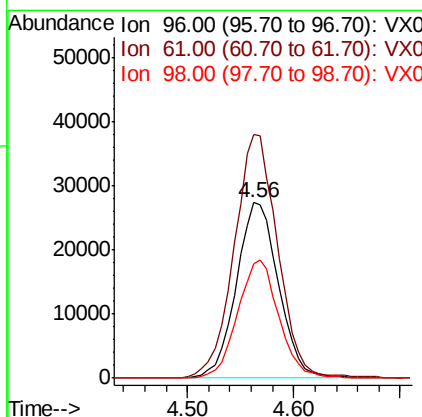
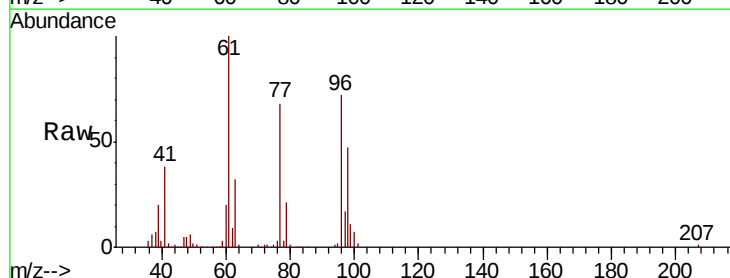
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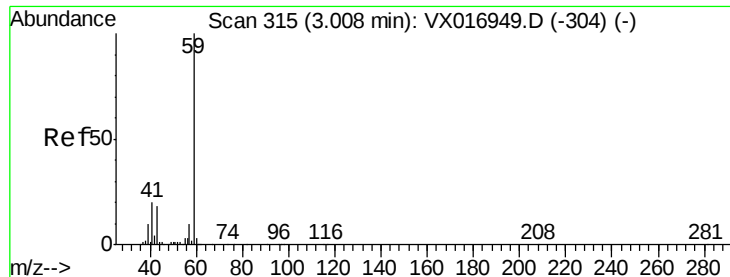
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#22
 cis-1,2-Dichloroethene
 Concen: 18.665 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	75412		
61	143.6	120.8	181.2	
98	66.4	51.7	77.5	





#23

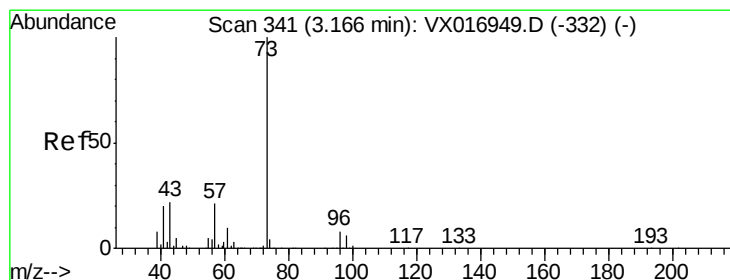
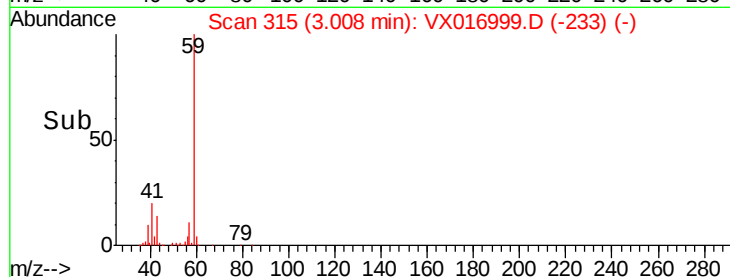
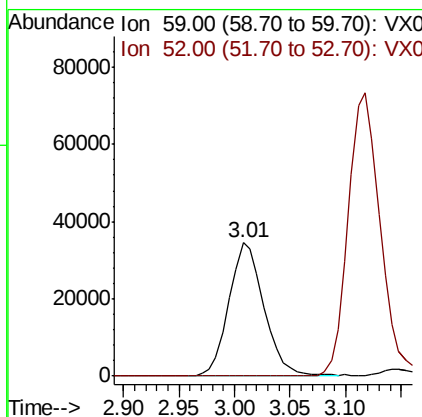
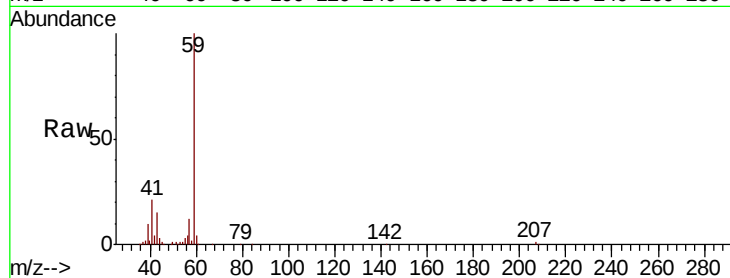
tert-Butyl Alcohol
Concen: 88.614 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.1	0.1#

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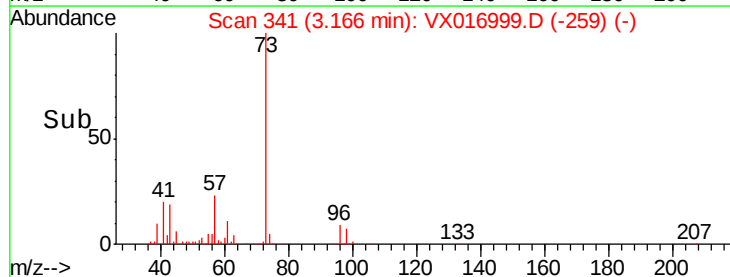
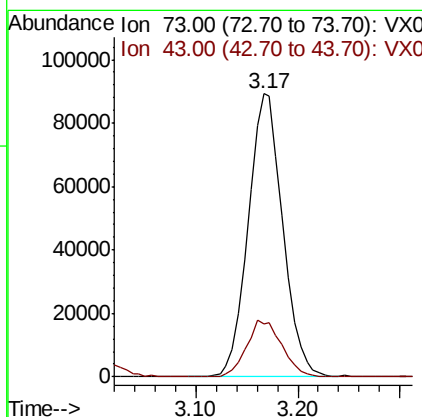
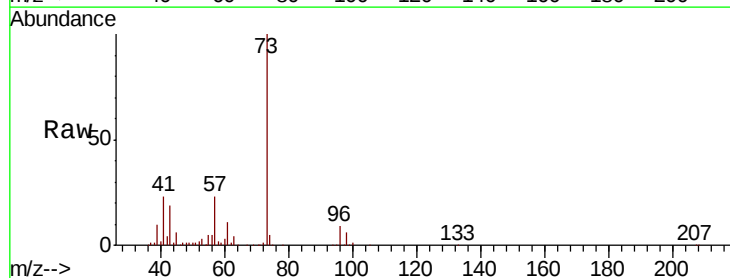
MMDadoda
6/29/2020 12:32:50 PM

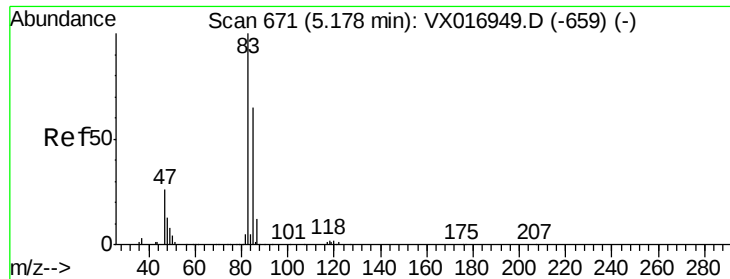


#24

Methyl tert-Butyl Ether
Concen: 18.389 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.9	17.2	25.8





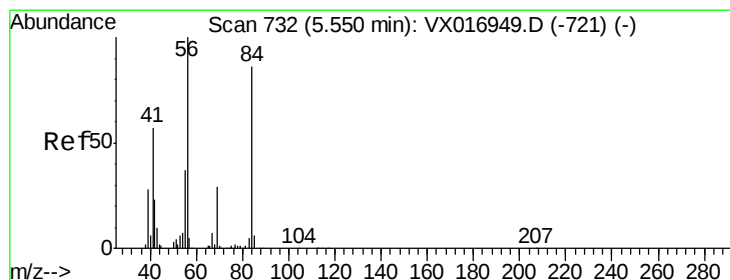
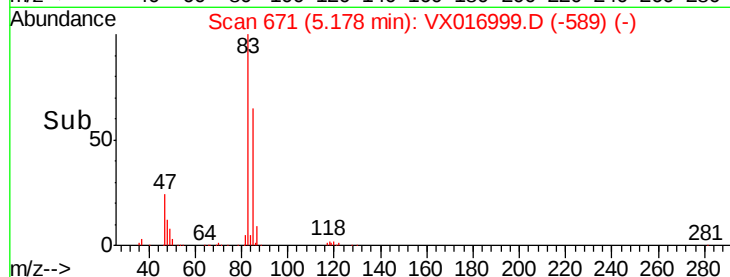
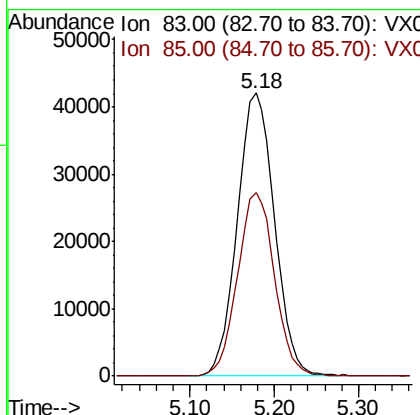
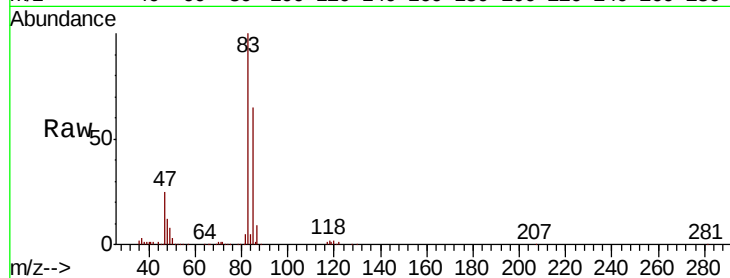
#25
Chloroform
Concen: 18.803 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	83	Resp	125960
Ion Ratio	100	Lower	Upper
83	100		
85	64.9	52.1	78.1

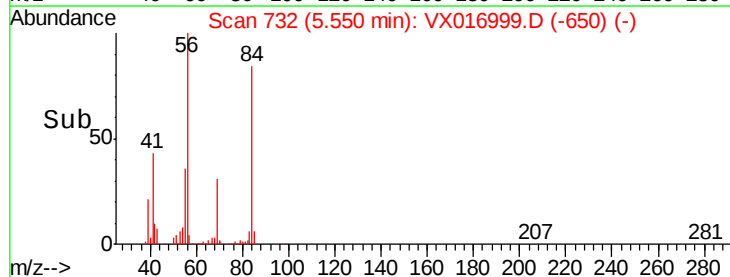
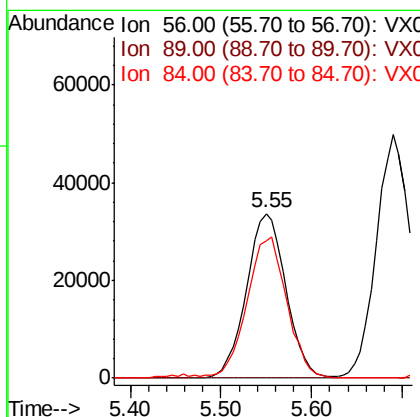
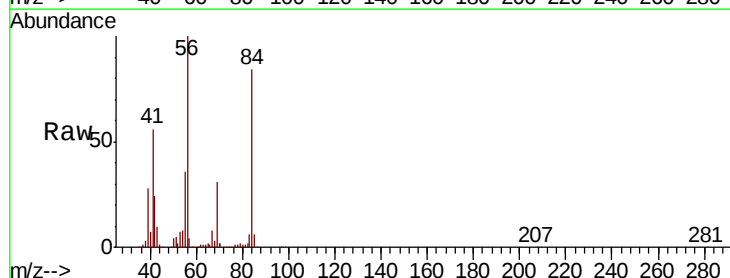
Manual Integrations
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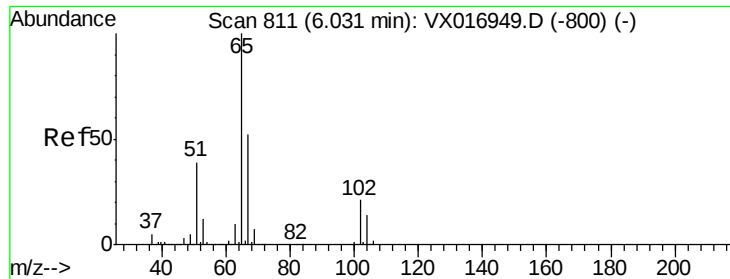
MMDadoda
6/29/2020 12:32:50 PM



#26
Cyclohexane
Concen: 17.637 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	56	Resp	101656
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.0	0.0
84	86.0	69.0	103.6





#27

1,2-Dichloroethane-d4

Concen: 28.786 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 65 Resp: 125352

Ion Ratio Lower Upper

65 100

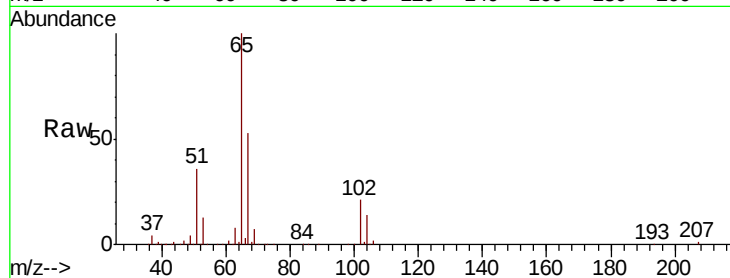
67 51.7 41.5 62.3

Manual Integrations

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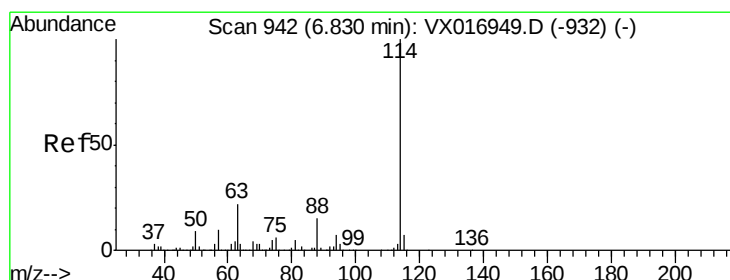
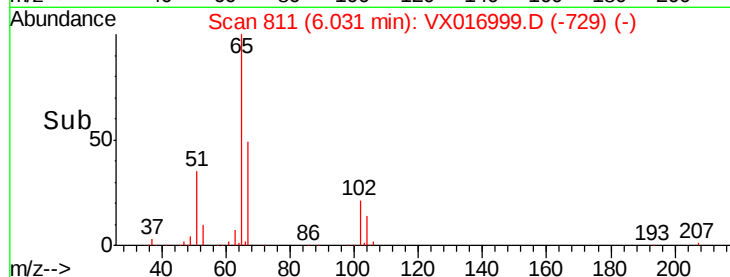
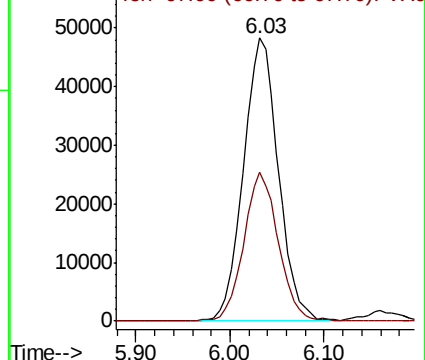
MMDadoda

6/29/2020 12:32:50 PM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

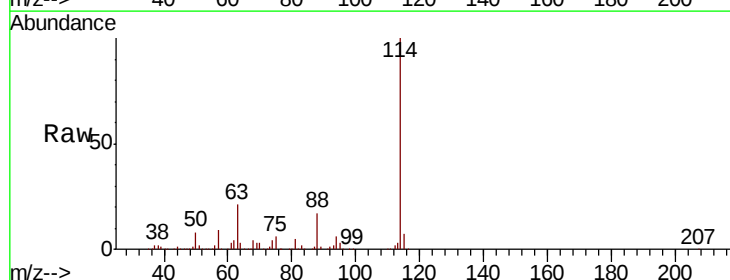
Tgt Ion: 114 Resp: 298985

Ion Ratio Lower Upper

114 100

63 20.7 17.4 26.2

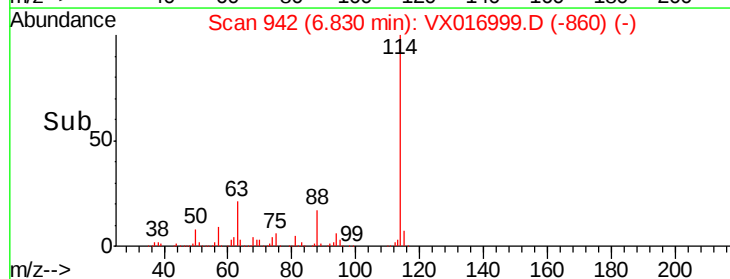
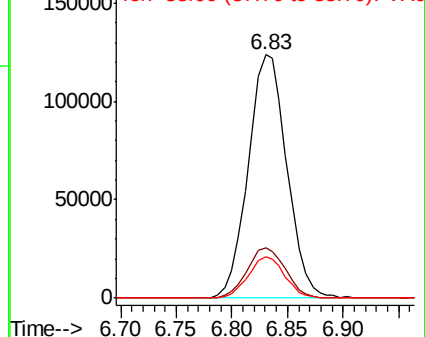
88 16.1 13.0 19.6

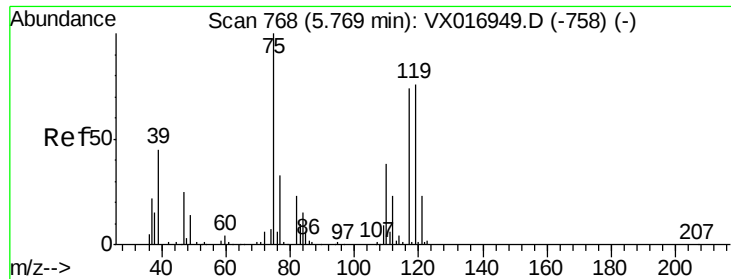


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





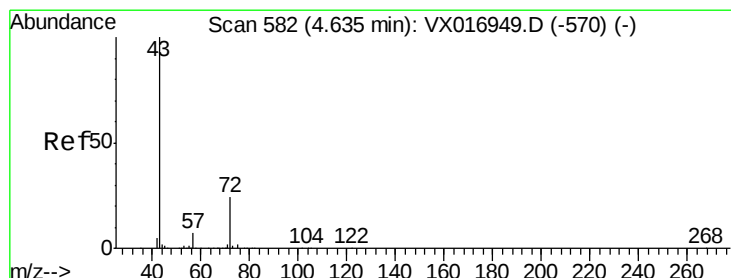
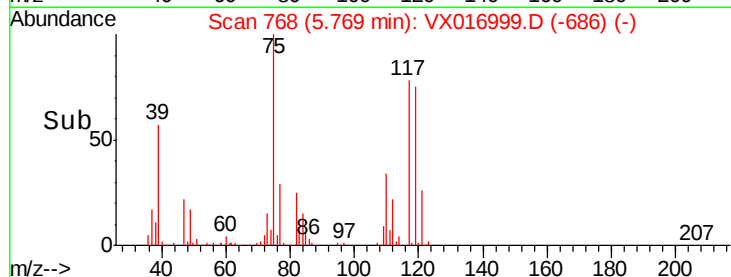
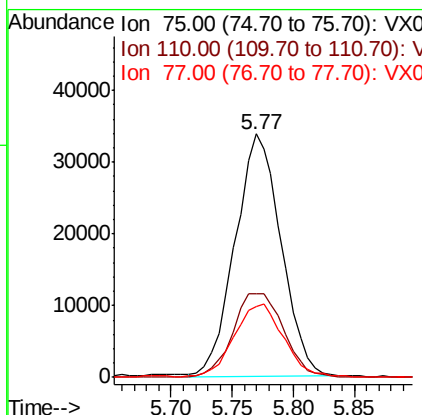
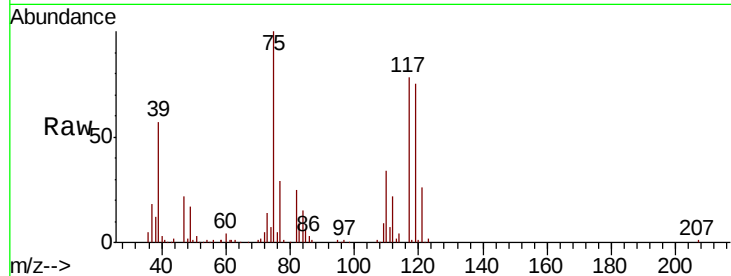
#29
 1,1-Dichloropropene
 Concen: 18.171 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS02

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	38.0	0.0	71.6
77	31.9	0.0	64.0

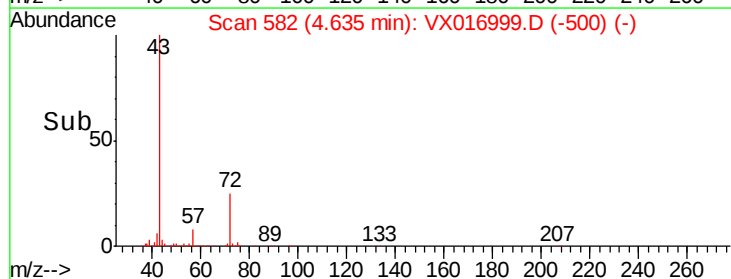
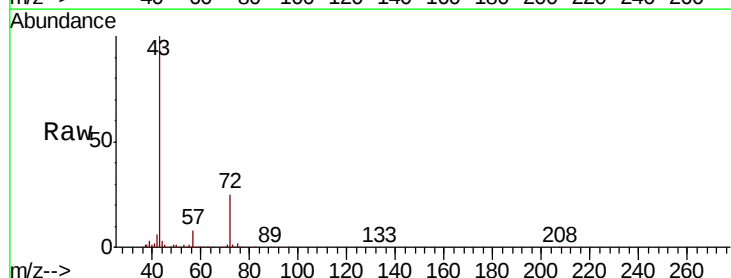
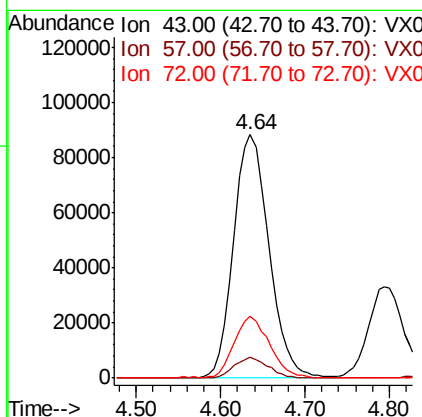
Manual Integrations
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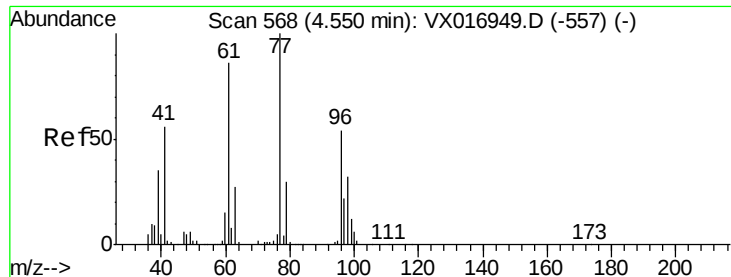
MMDadoda
 6/29/2020 12:32:50 PM



#30
 2-Butanone
 Concen: 98.702 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.3	6.2	9.4
72	24.9	20.6	31.0





#31

2,2-Dichloropropane

Concen: 15.904 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 77 Resp: 88839

Ion Ratio Lower Upper

77 100

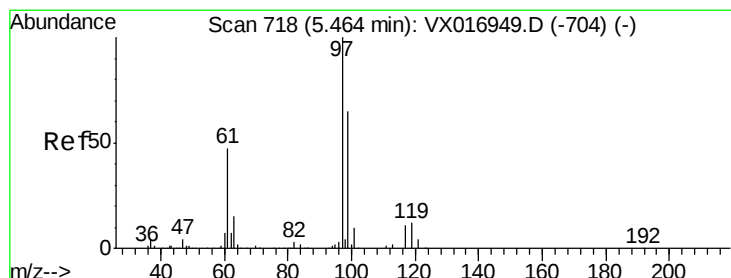
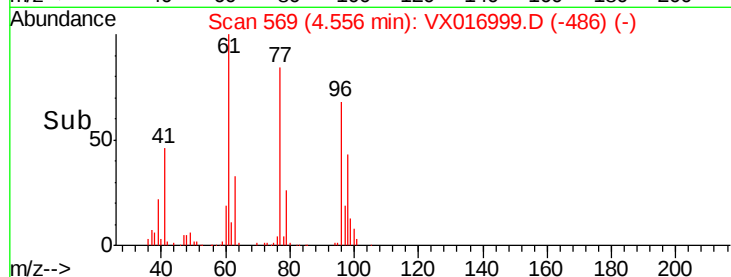
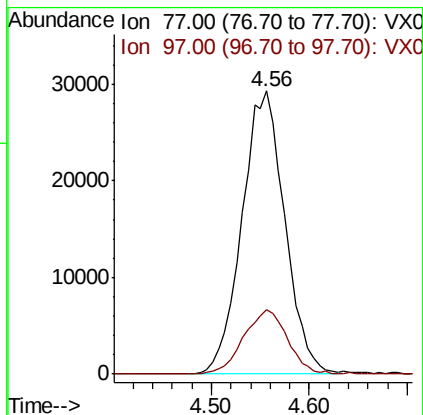
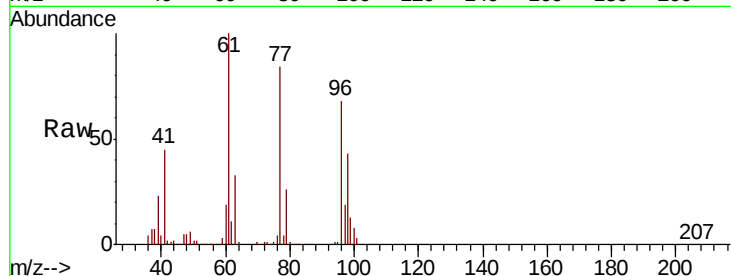
97 23.1 18.5 27.7

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.039 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

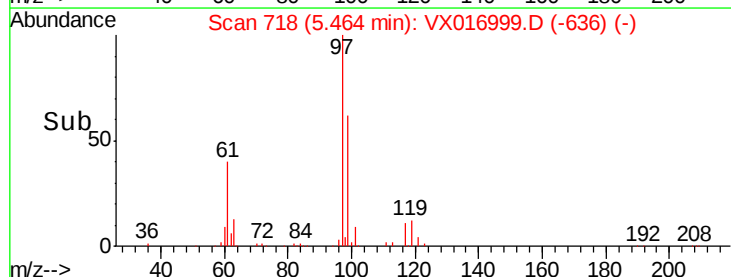
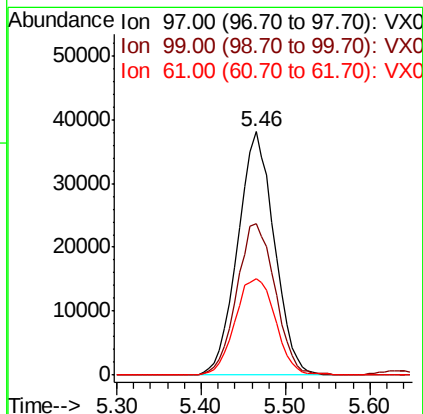
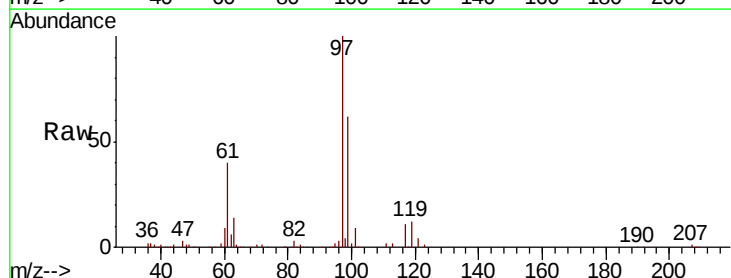
Tgt Ion: 97 Resp: 112209

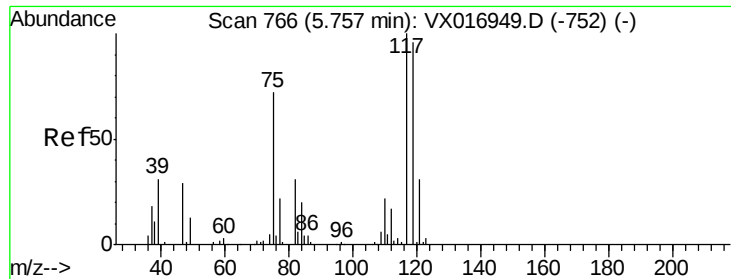
Ion Ratio Lower Upper

97 100

99 65.0 52.2 78.2

61 43.9 36.9 55.3





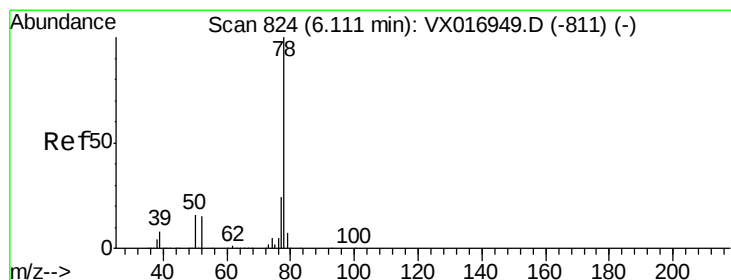
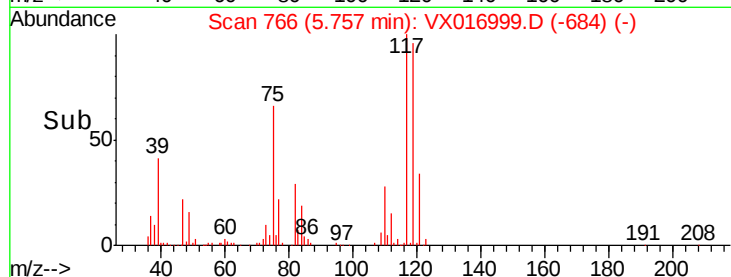
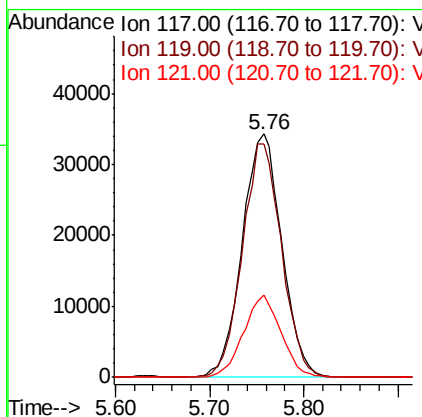
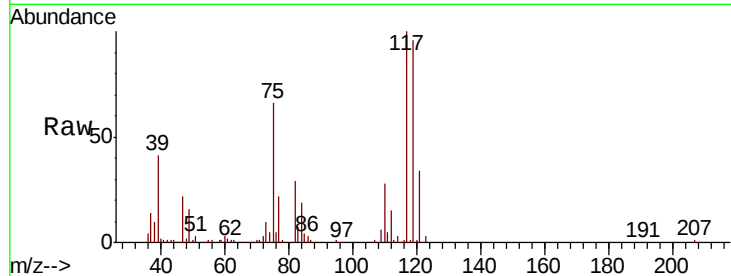
#33
Carbon Tetrachloride
Concen: 19.321 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	100985		
119	95.7		77.0	115.4
121	33.6		25.0	37.4

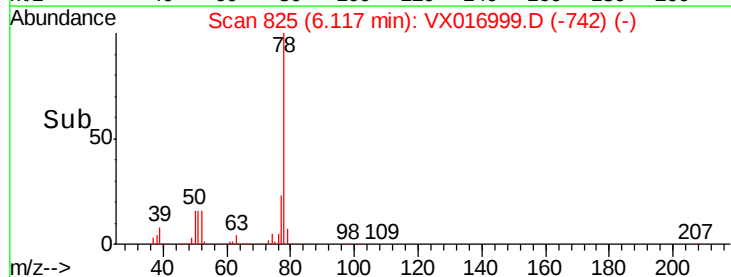
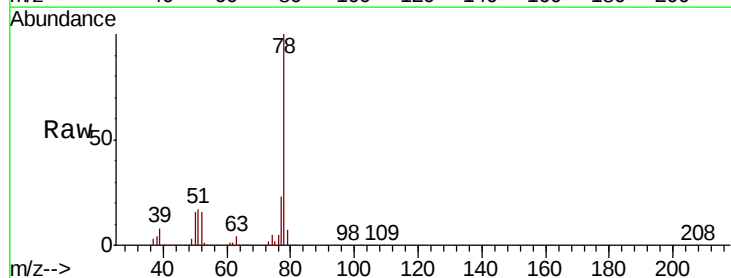
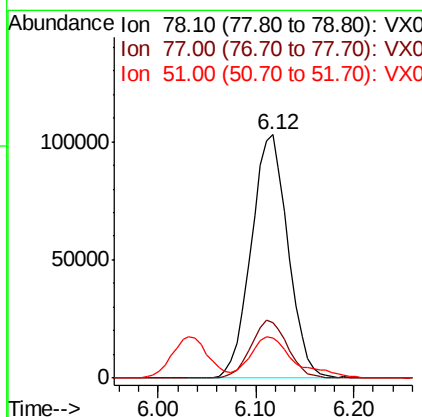
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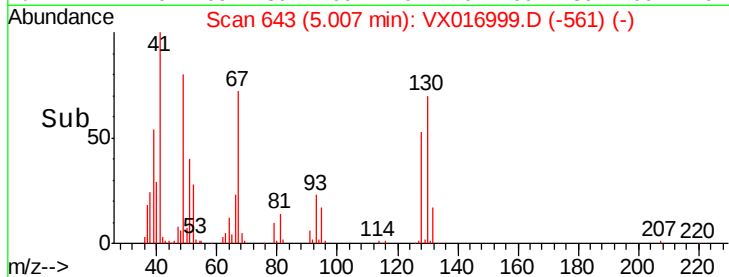
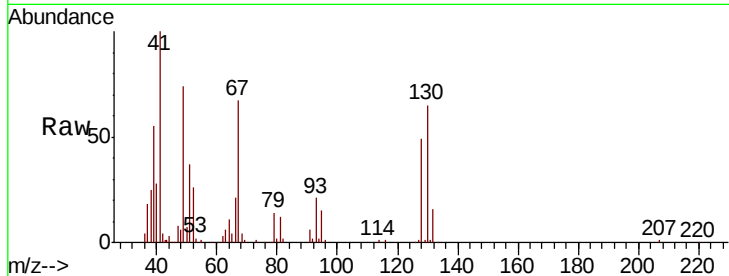
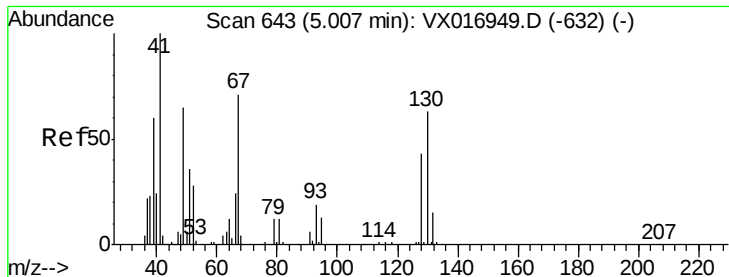
MMDadoda
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#34
Benzene
Concen: 19.081 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

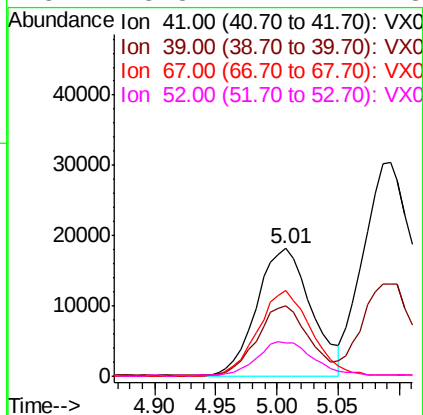
Tgt Ion	Ratio	Resp	Lower	Upper
78	100	270609		
77	22.9		19.0	28.6
51	15.0		12.8	19.2





#35
Methacrylonitrile
Concen: 20.209 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

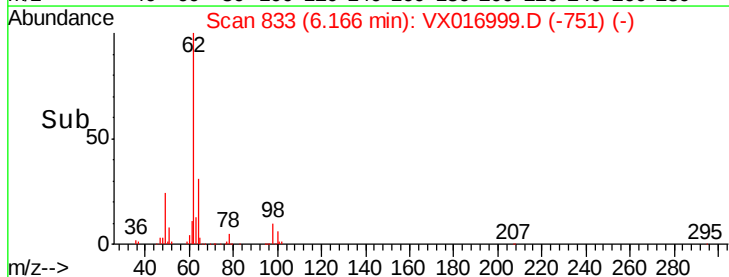
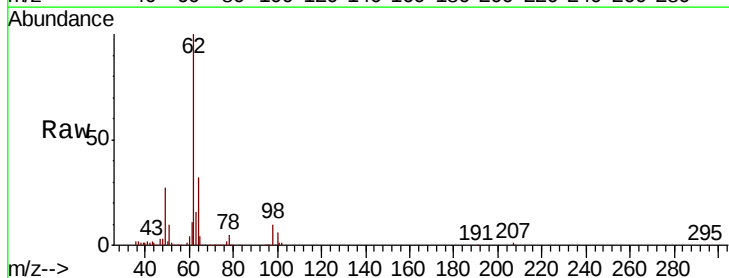
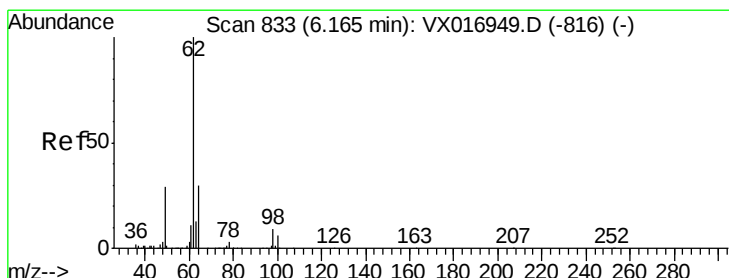
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	29.8	89.5	
67	66.6	35.3	105.9	
52	25.3	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

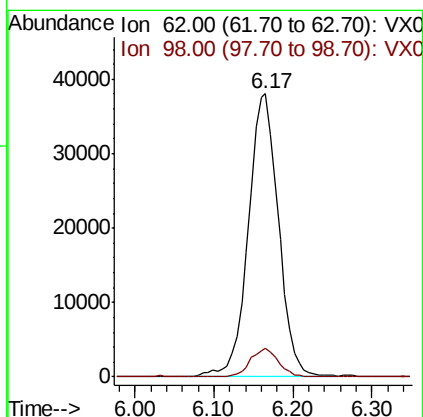
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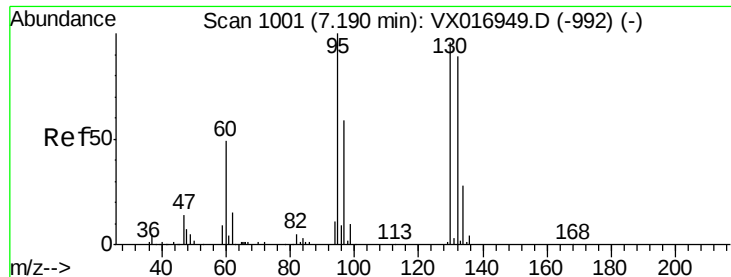
MMDadoda
6/29/2020 12:32:50 PM



#36
1,2-Dichloroethane
Concen: 18.523 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	7.6	11.4	





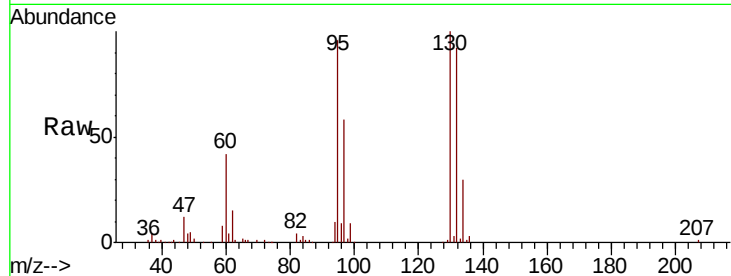
#37
 Trichloroethene
 Concen: 22.558 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS02

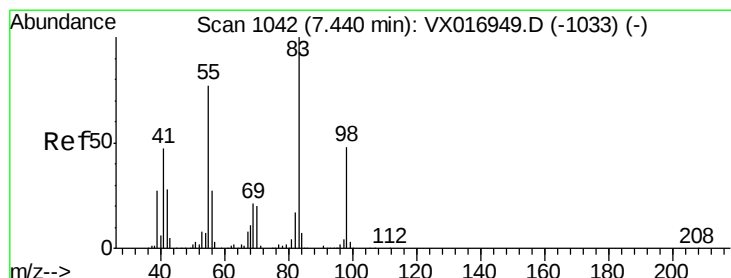
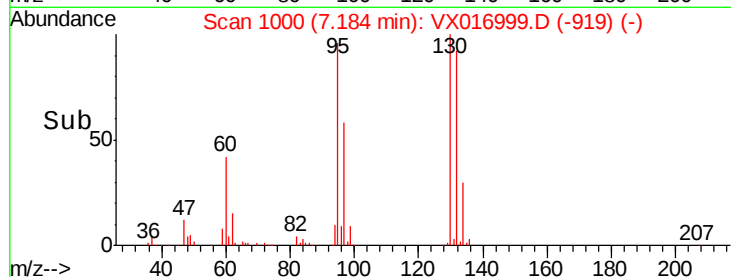
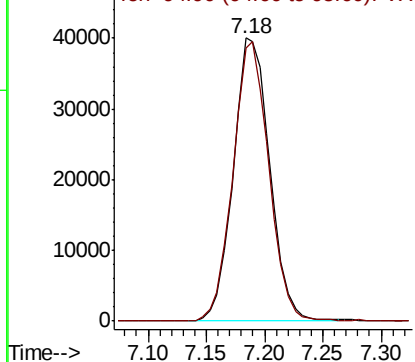
Tot Ion:130 Resp: 87297
 Ion Ratio Lower Upper
 130 100
 95 96.3 83.1 124.7

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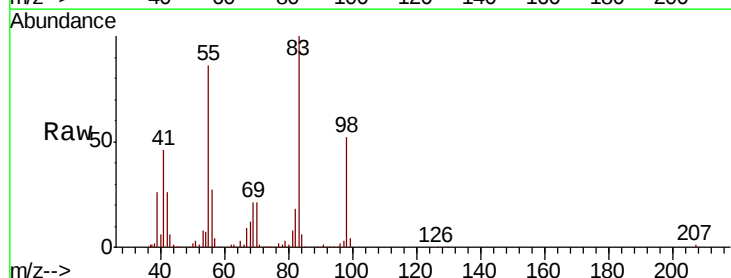


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

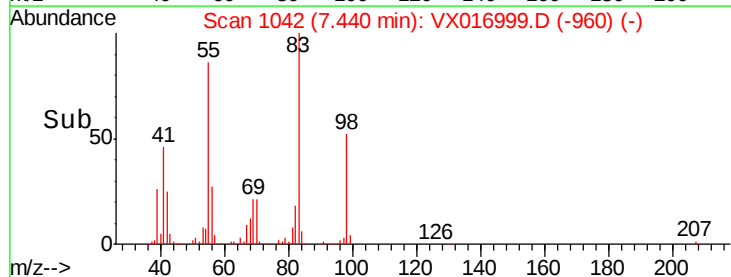
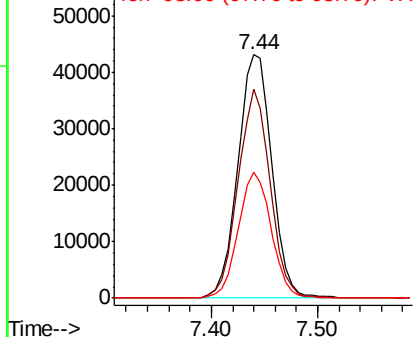


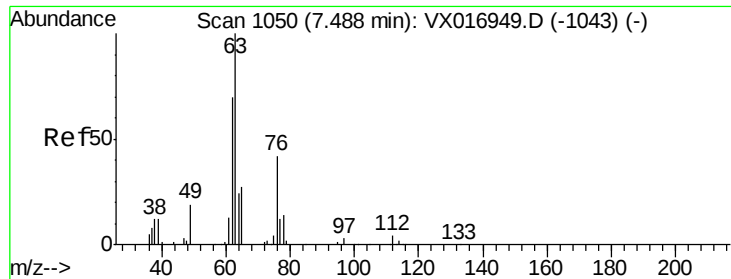
#38
 Methylcyclohexane
 Concen: 17.456 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion: 83 Resp: 96824
 Ion Ratio Lower Upper
 83 100
 55 80.9 38.1 114.5
 98 50.1 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





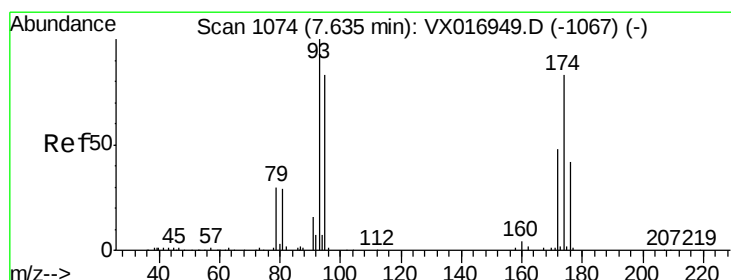
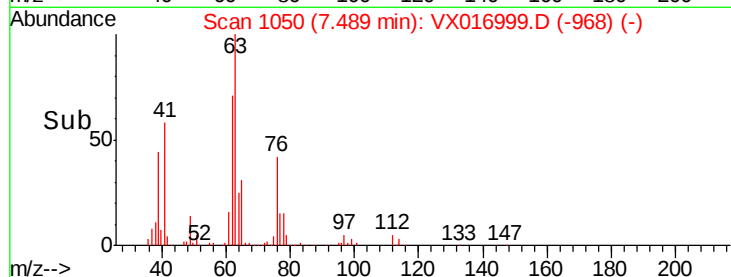
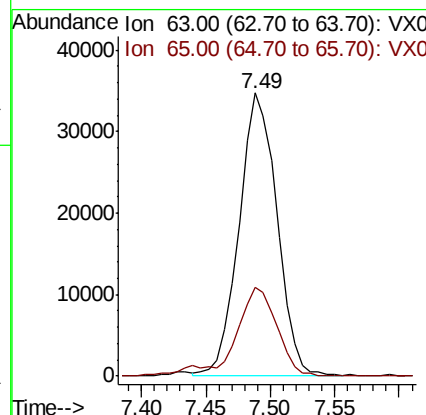
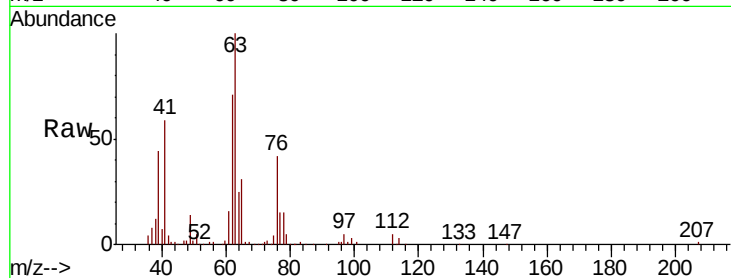
#39
 1,2-Dichloropropane
 Concen: 19.183 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0626WBS02

Tot Ion	63	Ratio	Lower	Upper
63	100			
65	31.2	22.8	34.2	

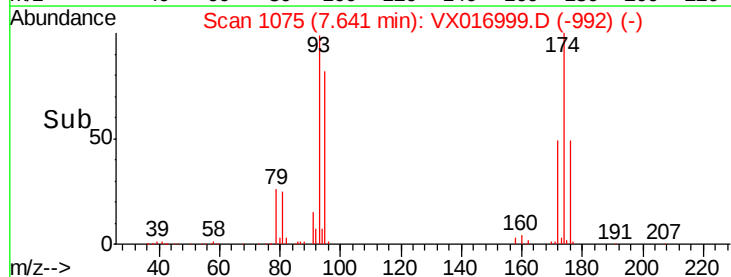
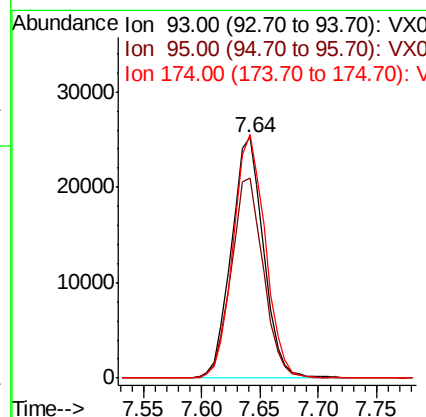
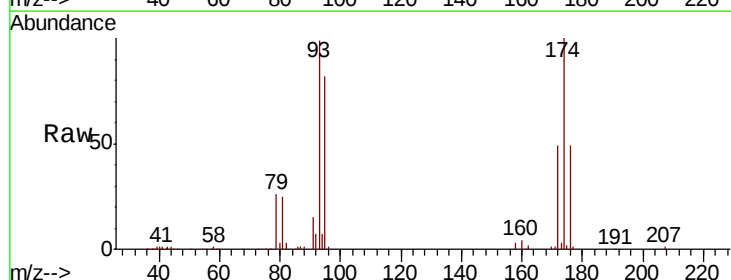
Manual Integrations
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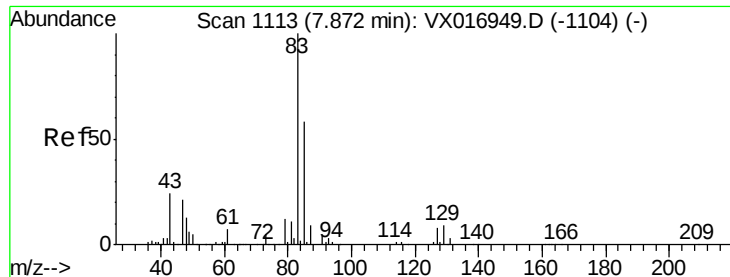
MMDadoda
 6/29/2020 12:32:50 PM



#40
 Dibromomethane
 Concen: 19.086 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion	93	Ratio	Lower	Upper
93	100			
95	82.9	0.0	165.4	
174	101.2	0.0	192.0	





#41

Bromodichloromethane

Concen: 19.078 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

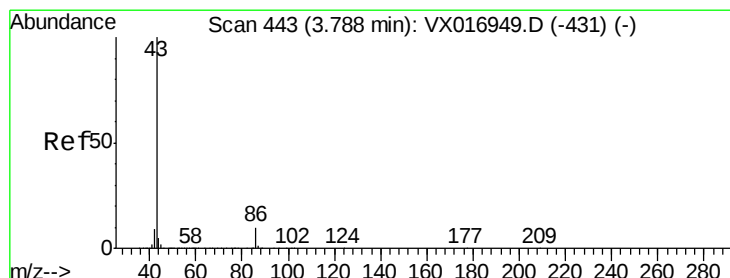
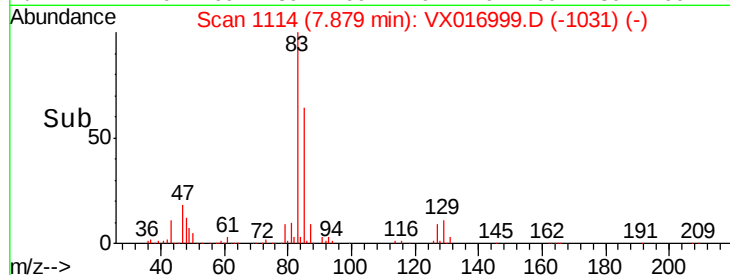
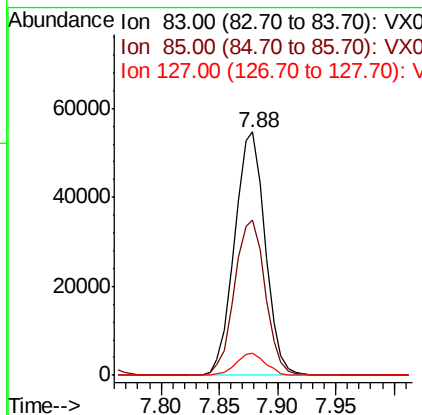
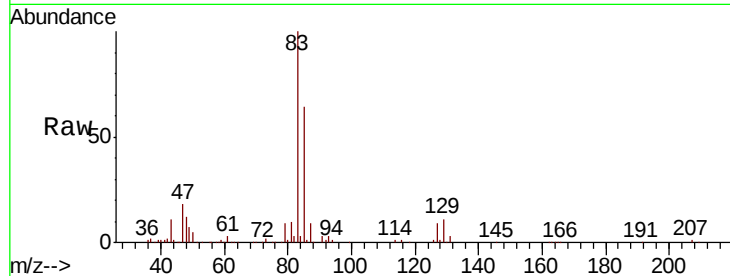
ClientSampleId :

VX0626WBS02

Tot Ion:	83	Resp:	100599
Ion Ratio	Lower	Upper	
83	100		
85	63.8	46.7	70.1
127	9.3	6.5	9.7

Manual Integrations
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6/29/2020 12:32:50 PM



#42

Vinyl Acetate

Concen: 93.421 ug/l

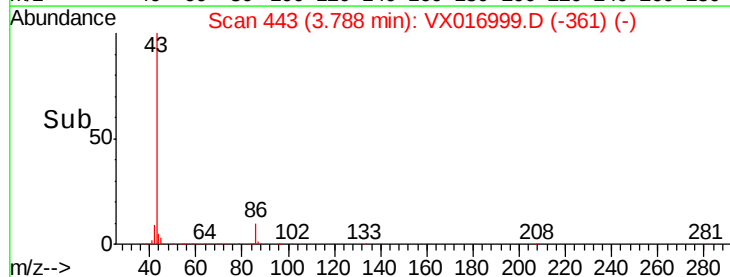
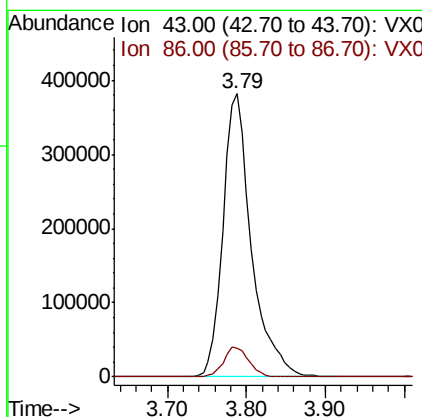
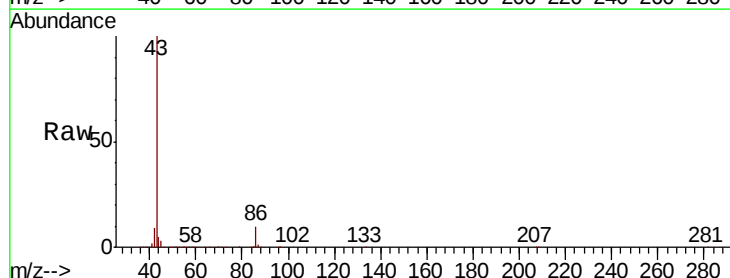
RT: 3.79 min Scan# 443

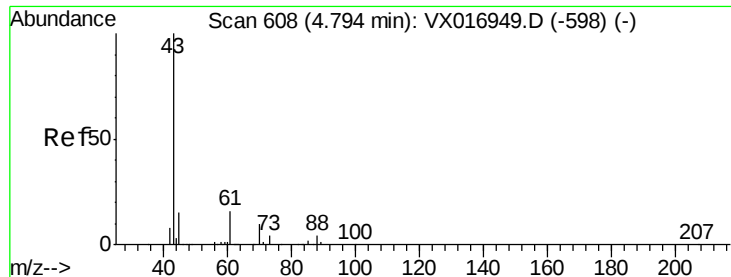
Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion:	43	Resp:	955761
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.4	11.2





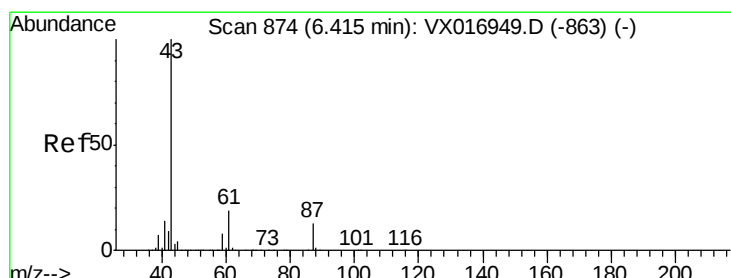
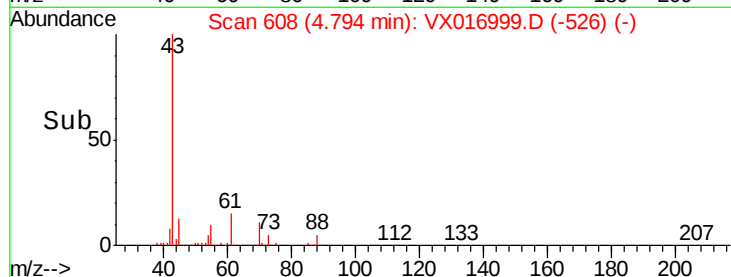
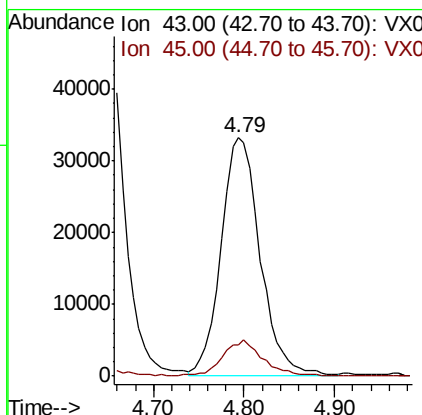
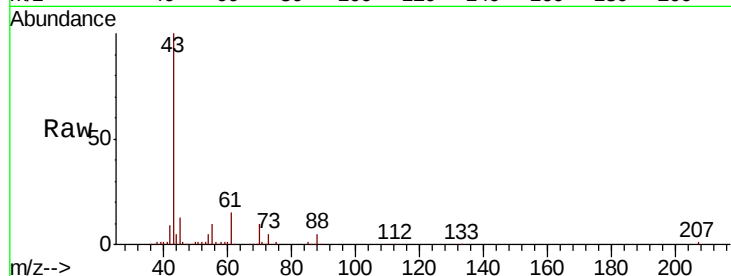
#43
Ethyl Acetate
Concen: 18.835 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion: 43 Resp: 99049
Ion Ratio Lower Upper
43 100
45 14.9 11.8 17.6

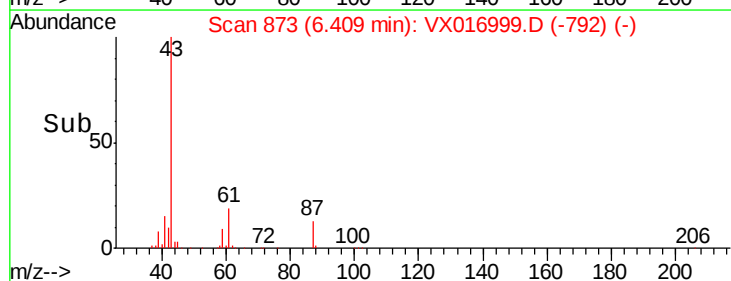
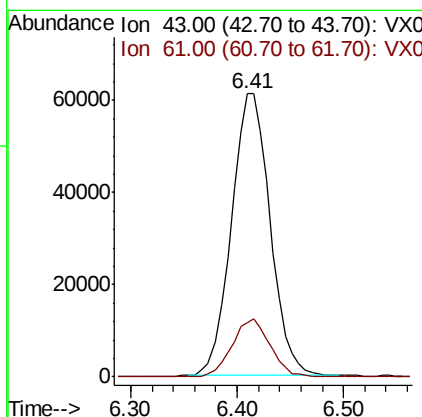
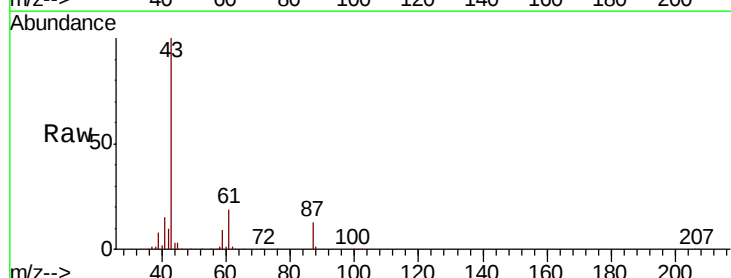
Manual Integrations
APPROVED

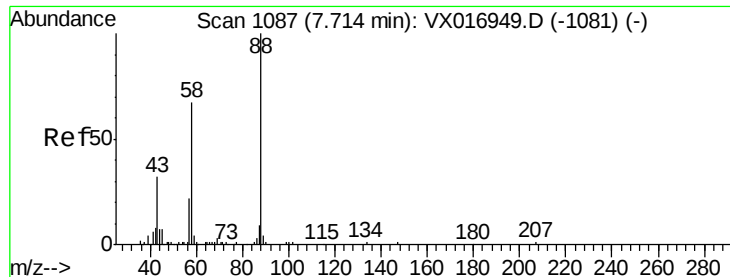
MMDadoda
6/29/2020 12:32:50 PM



#44
Isopropyl Acetate
Concen: 17.951 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion: 43 Resp: 155596
Ion Ratio Lower Upper
43 100
61 20.2 15.4 23.2





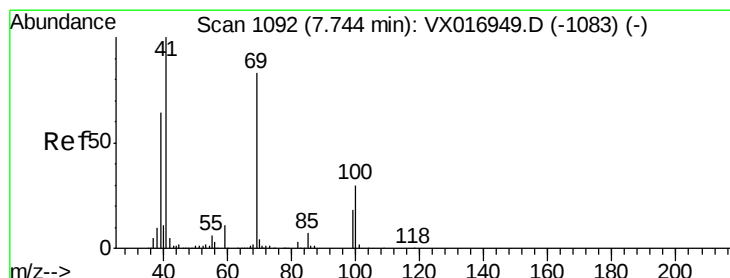
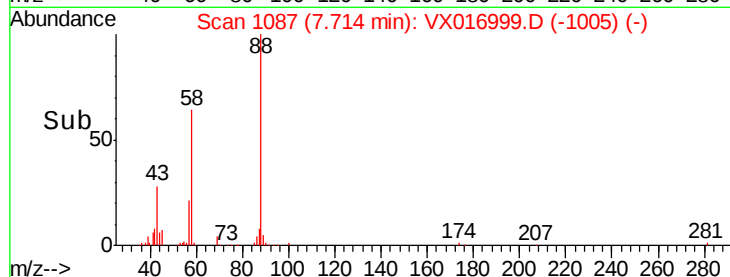
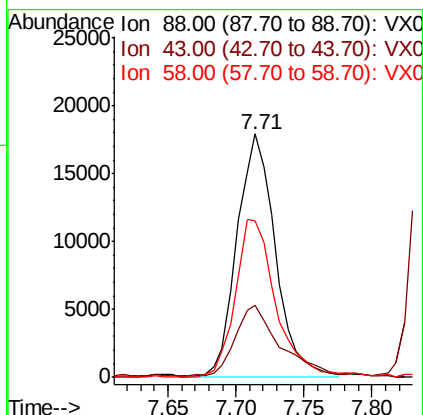
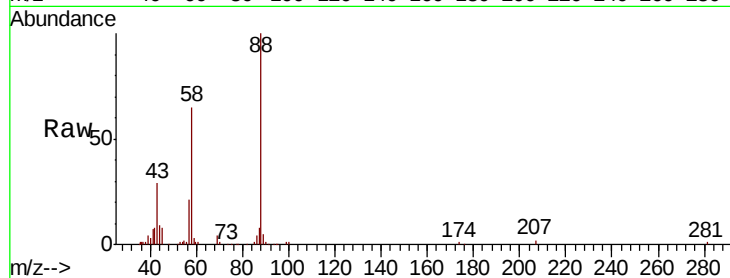
#45
1,4-Dioxane
Concen: 406.019 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	28.9	43.3
58	68.8	56.7	85.1

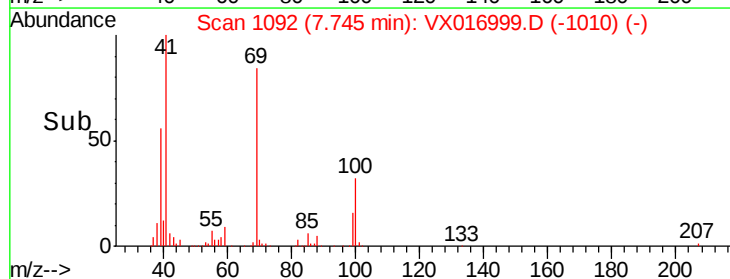
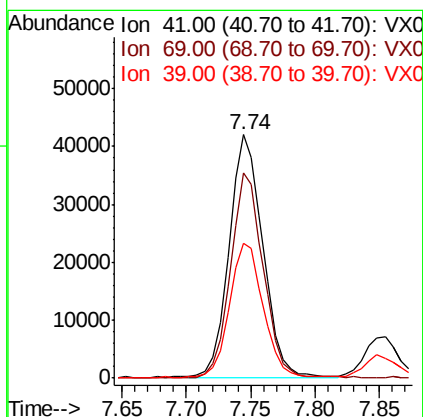
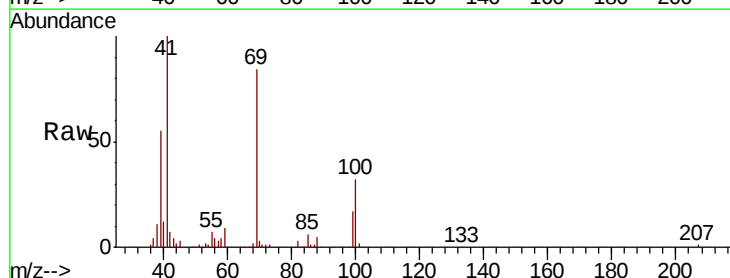
Manual Integrations
APPROVED

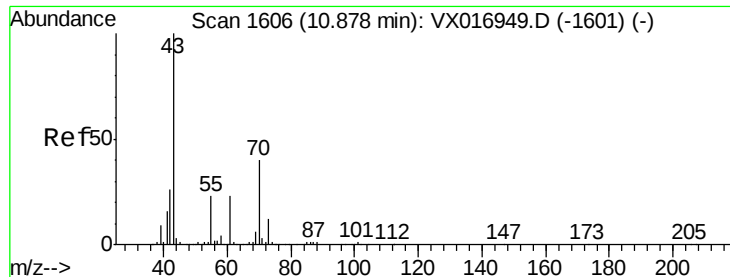
MMDadoda
6/29/2020 12:32:50 PM



#46
Methyl methacrylate
Concen: 18.892 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.8	41.3	123.9
39	55.2	32.0	96.2





#47

n-amvl Acetate

Concen: 17.745 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 43 Resp: 135960

Ion Ratio Lower Upper

43 100

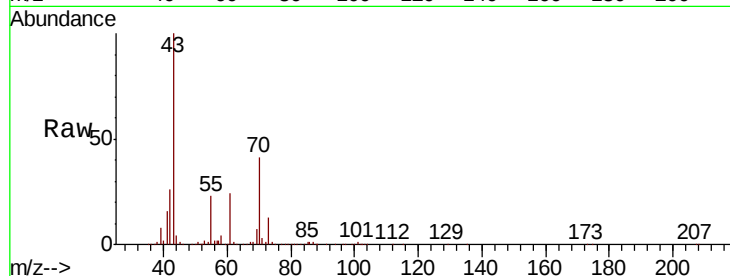
55 24.3 18.6 27.8

Manual Integrations

APPROVED

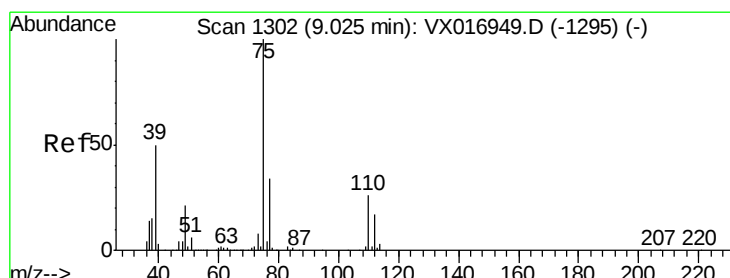
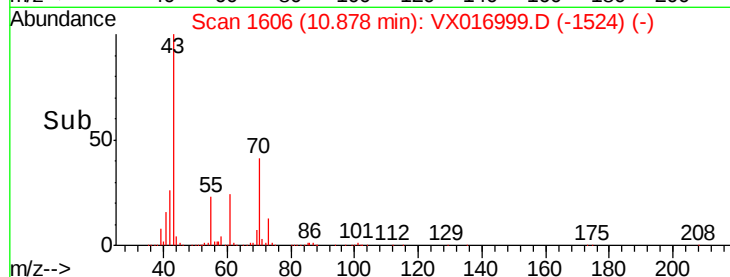
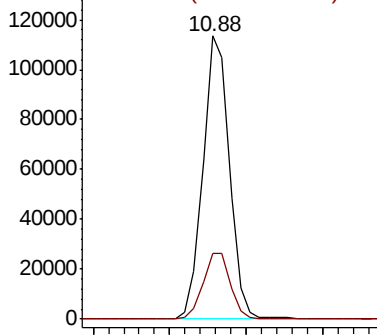
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 18.006 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016999.D

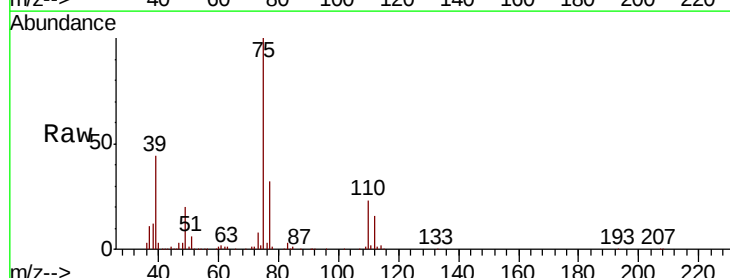
Acq: 26 Jun 2020 23:18

Tgt Ion: 75 Resp: 104978

Ion Ratio Lower Upper

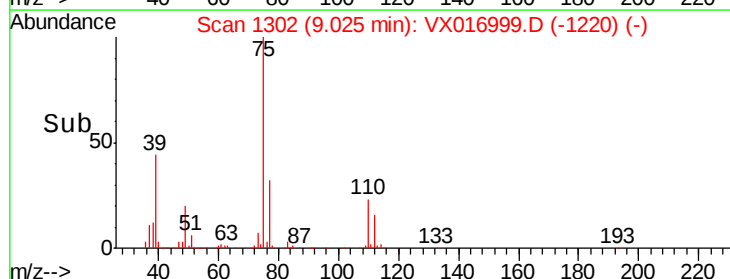
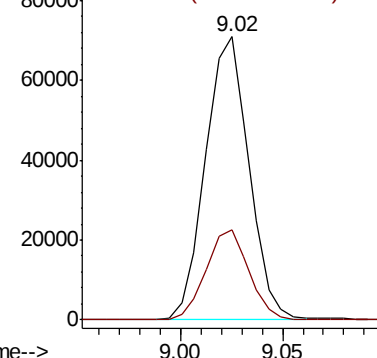
75 100

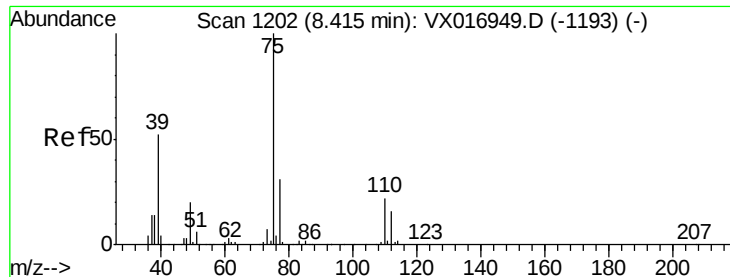
77 32.0 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#49

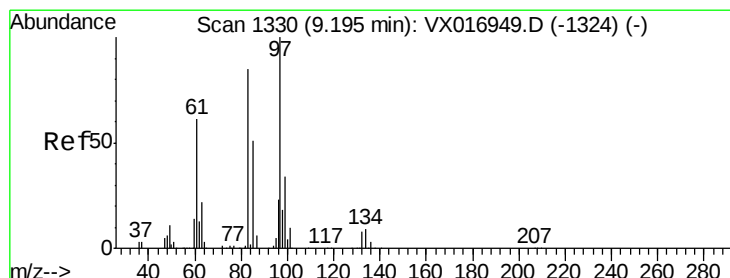
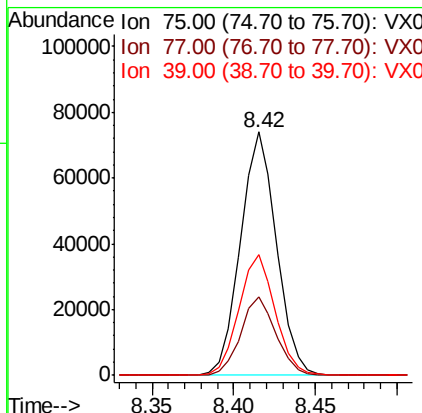
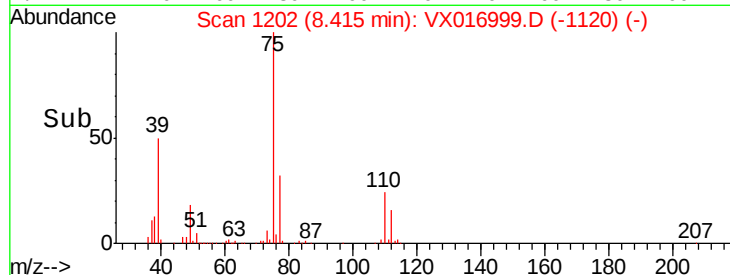
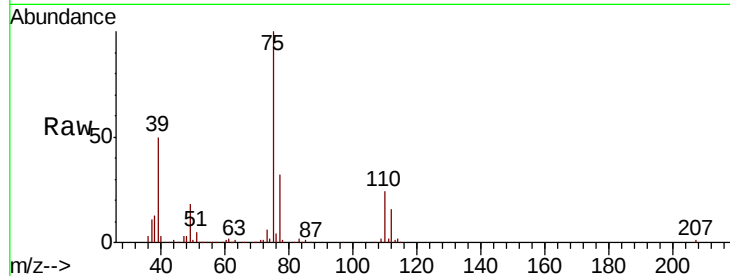
cis-1,3-Dichloropropene
Concen: 18.537 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	49.7	41.8	62.6

Manual Integrations
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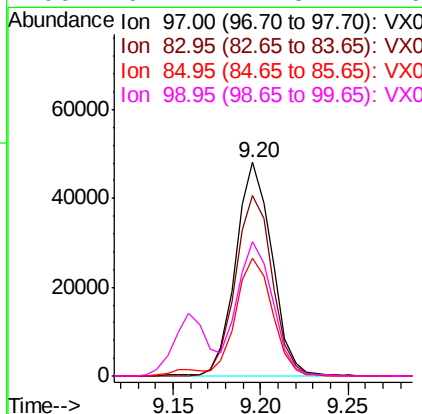
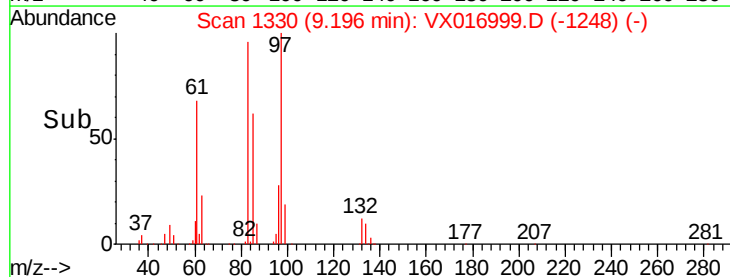
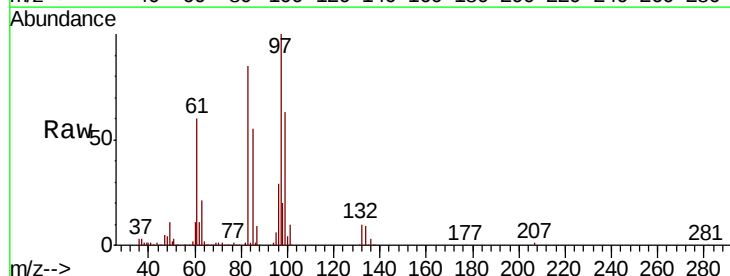
MMDadoda
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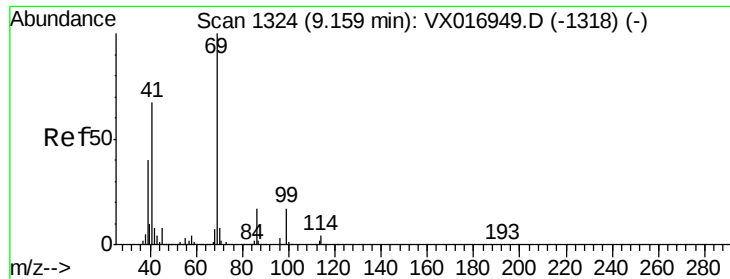


#50

1,1,2-Trichloroethane
Concen: 19.595 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.4	101.0
85	54.9	42.9	64.3
99	62.7	47.8	71.6





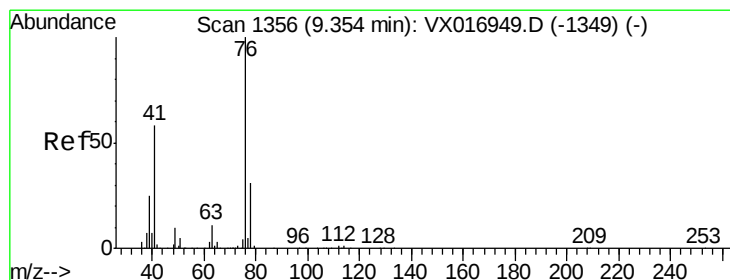
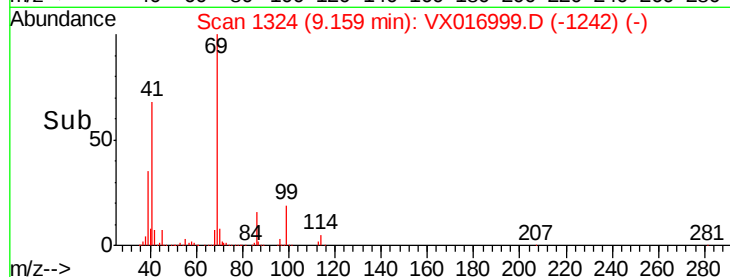
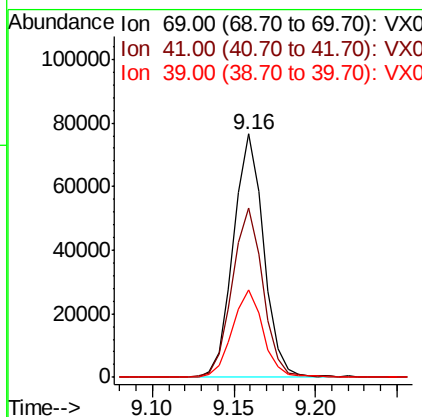
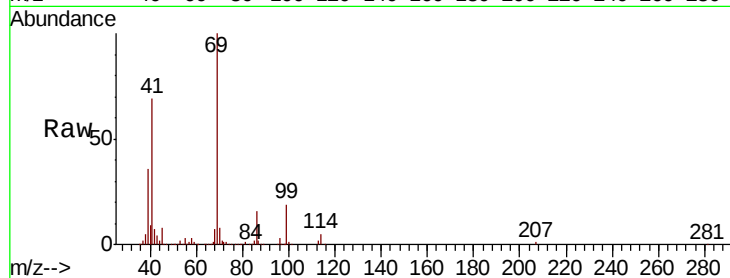
#51
Ethyl methacrylate
Concen: 18.215 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
69	100		
41	69.2	33.7	101.1
39	35.6	19.9	59.7

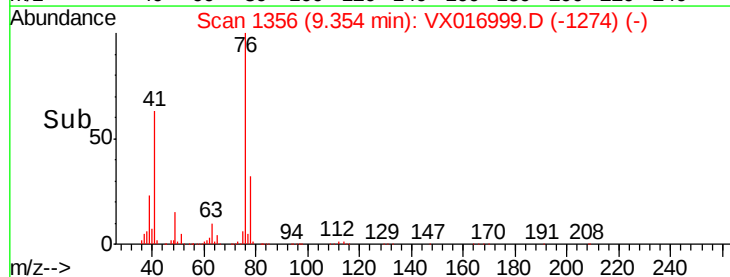
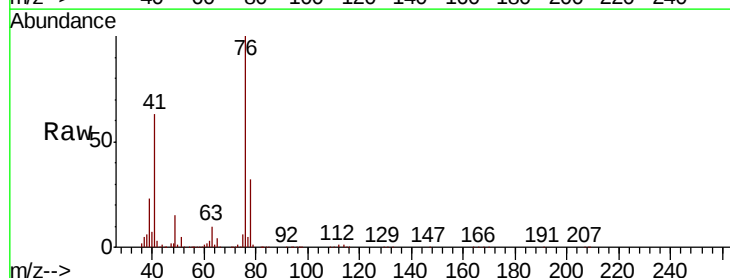
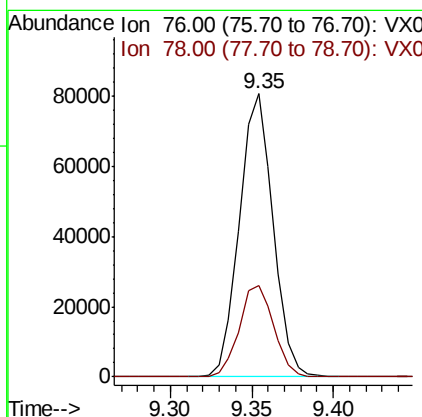
Manual Integrations
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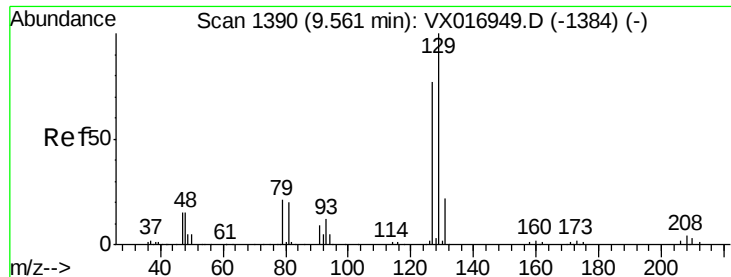
MMDadoda
6/29/2020 12:32:50 PM



#52
1,3-Dichloropropane
Concen: 19.037 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
76	100		
78	33.2	0.0	62.4





#53

Dibromochloromethane

Concen: 19.553 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion:129 Resp: 79867

Ion Ratio Lower Upper

129 100

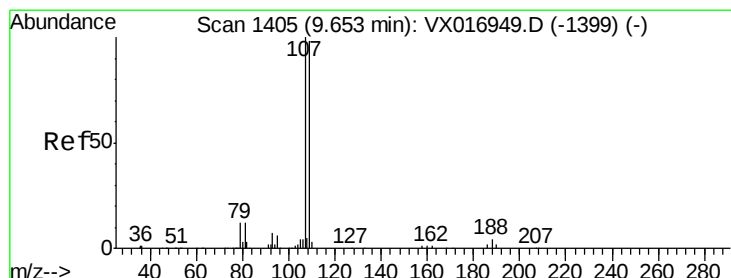
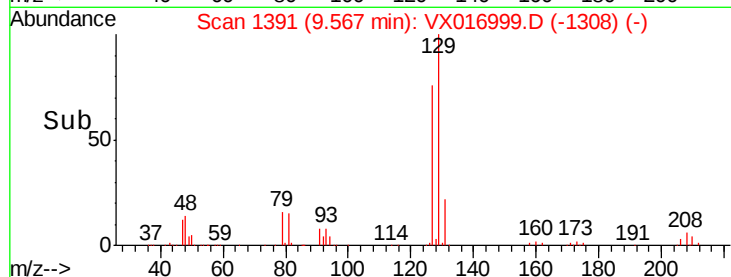
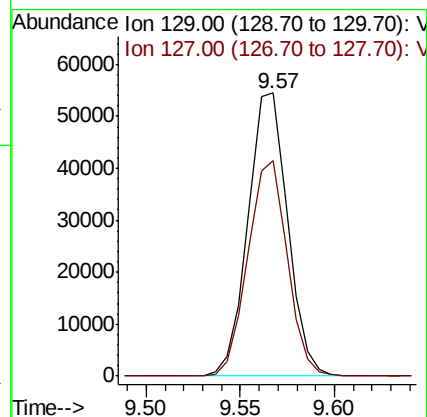
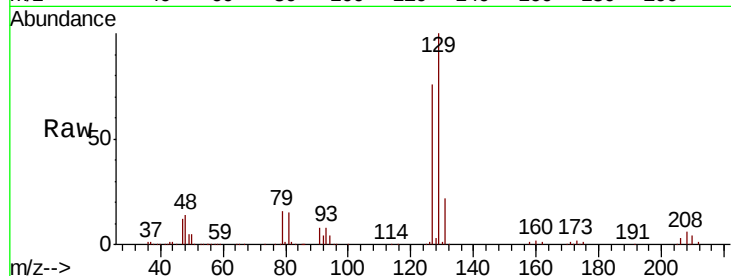
127 75.3 38.7 116.1

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 19.717 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016999.D

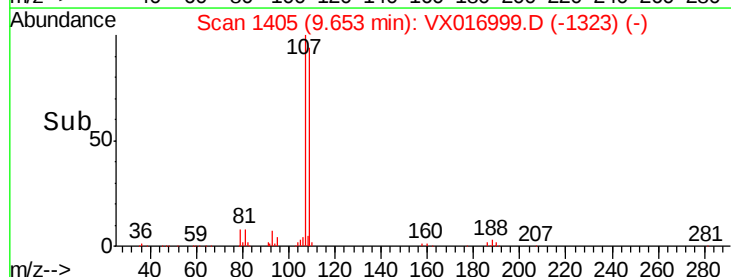
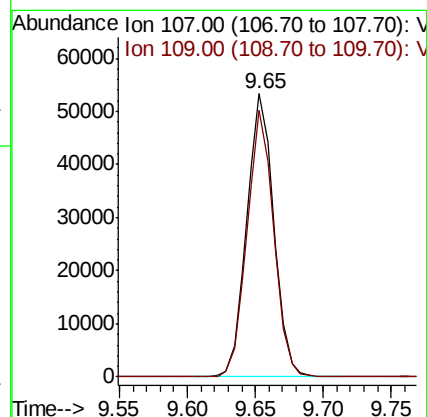
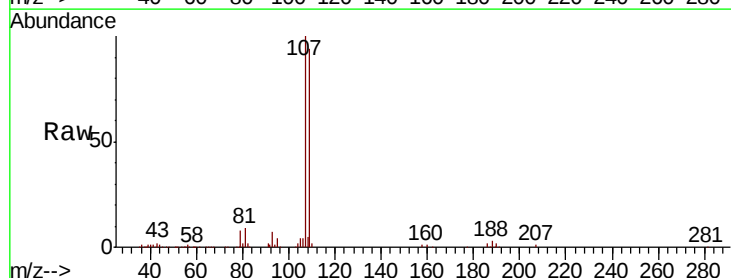
Acq: 26 Jun 2020 23:18

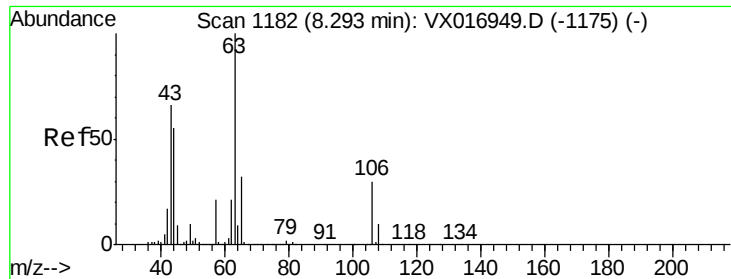
Tgt Ion:107 Resp: 74355

Ion Ratio Lower Upper

107 100

109 92.7 75.0 112.6





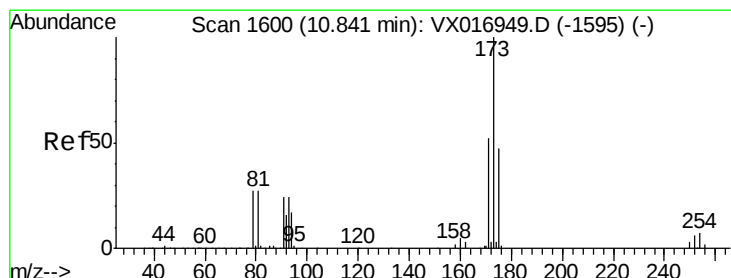
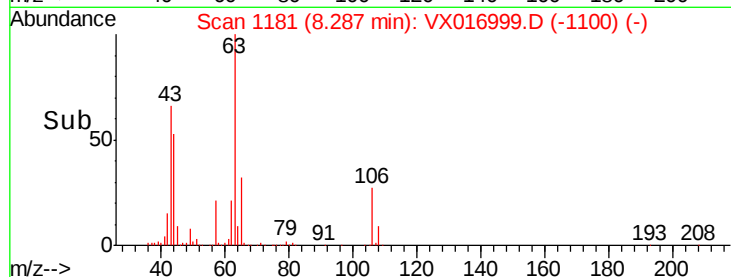
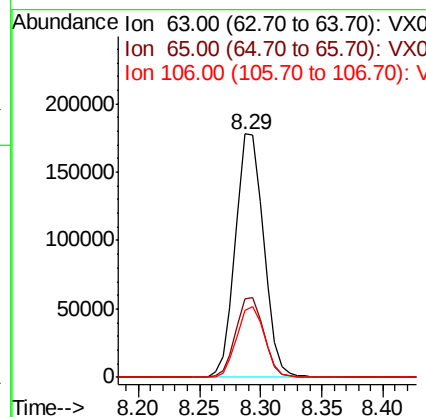
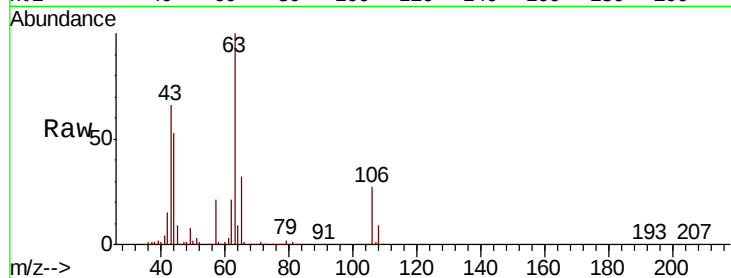
#55
2-Chloroethyl vinyl ether
Concen: 99.355 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	32.4	25.9	38.9	
106	28.8	22.6	33.8	

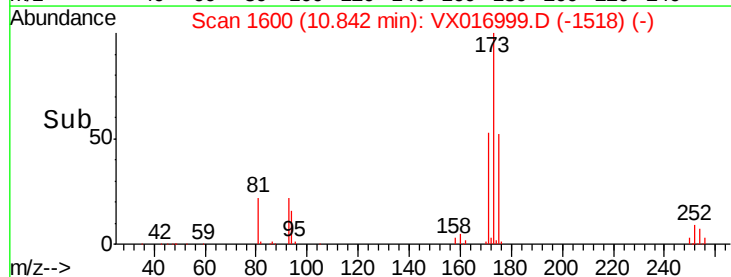
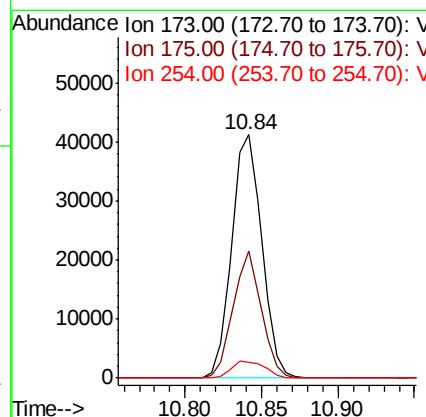
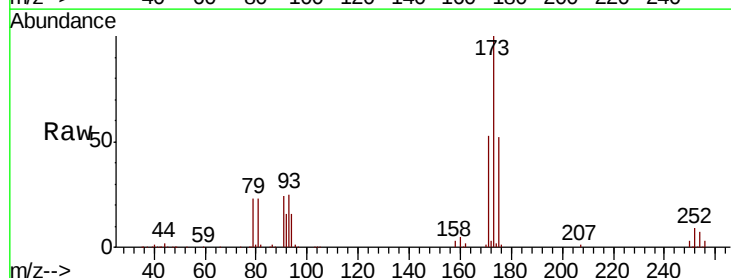
Manual Integrations
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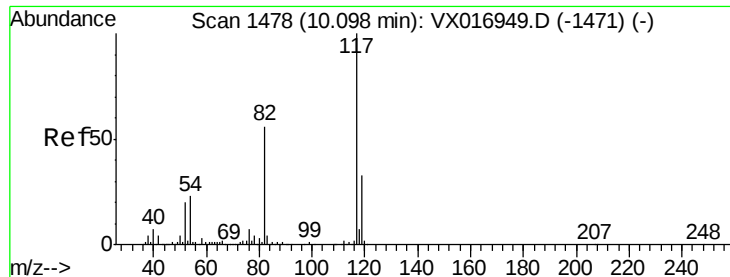
MMDadoda
6/29/2020 12:32:50 PM



#56
Bromoform
Concen: 19.350 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.2	38.7	58.1	
254	7.8	5.8	8.6	





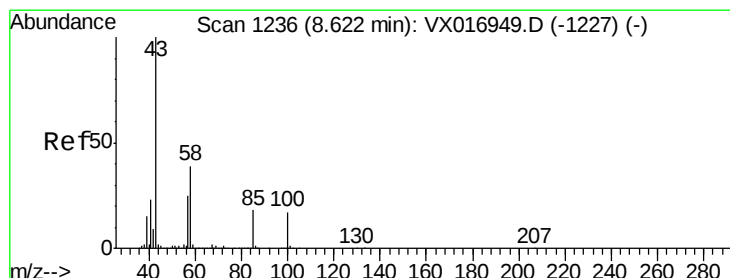
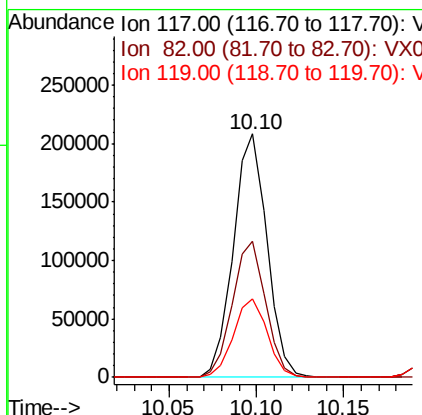
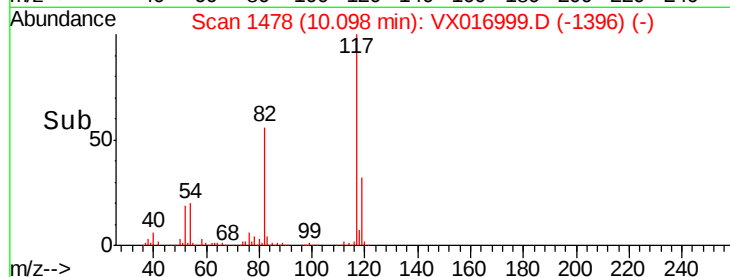
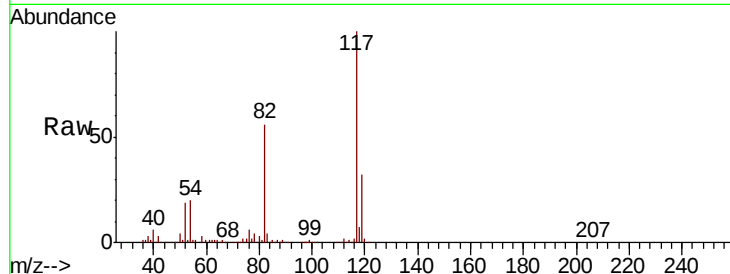
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	55.5	44.9	67.3
119	32.3	25.8	38.8

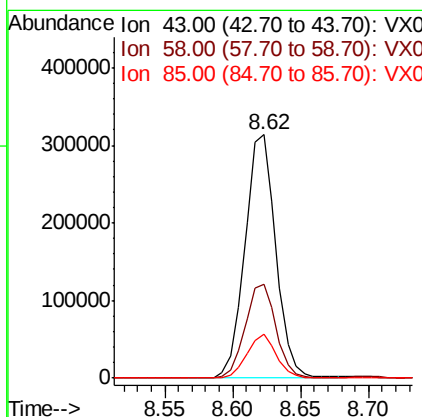
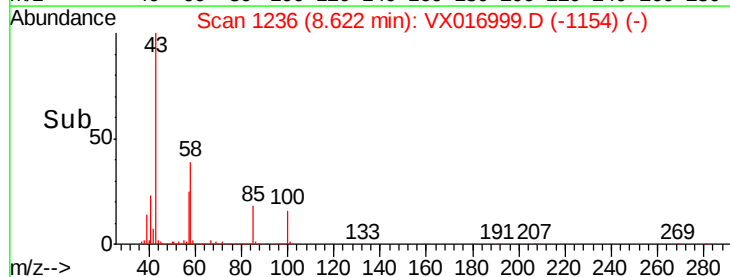
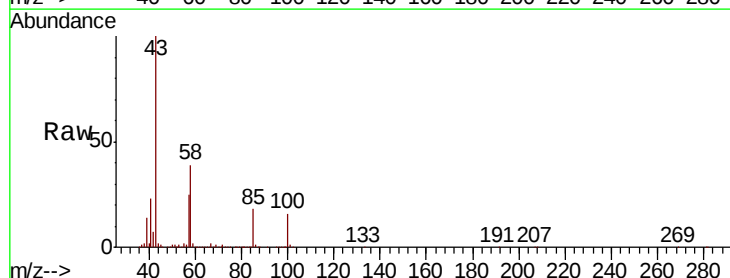
Manual Integrations
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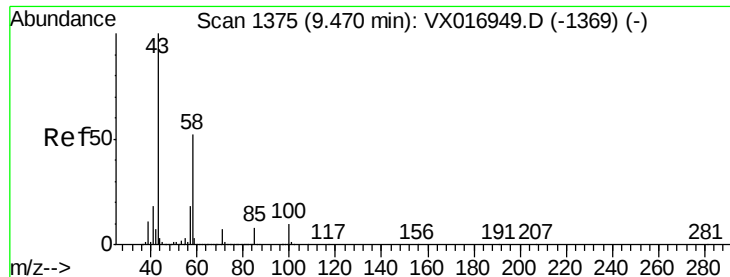
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#58
4-Methyl-2-Pentanone
Concen: 97.180 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	38.5	30.4	45.6
85	17.2	13.5	20.3





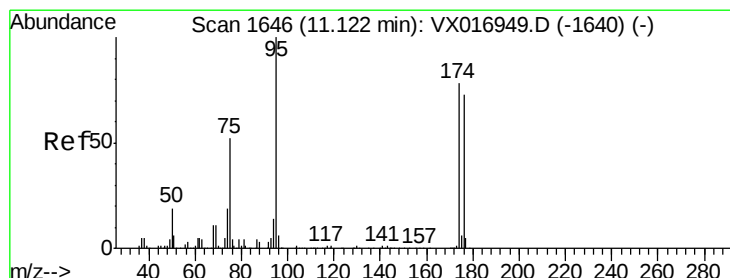
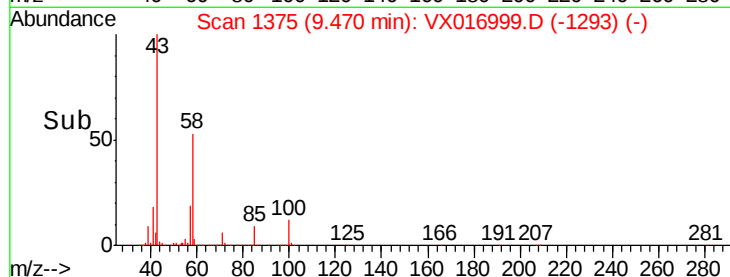
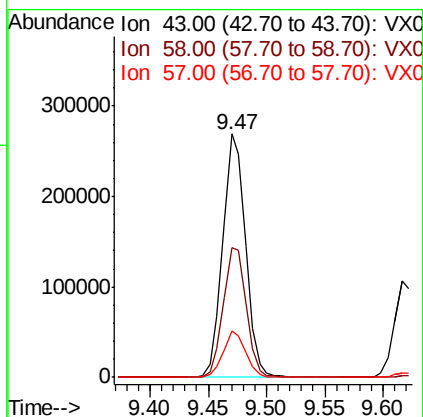
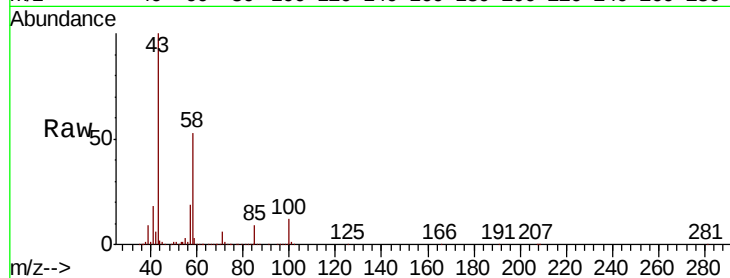
#59
2-Hexanone
Concen: 95.513 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	42.3	63.5
57	18.7	14.1	21.1

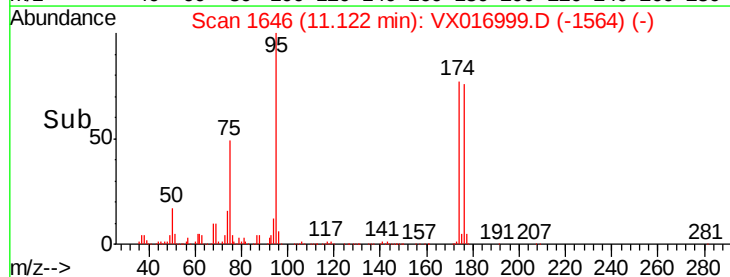
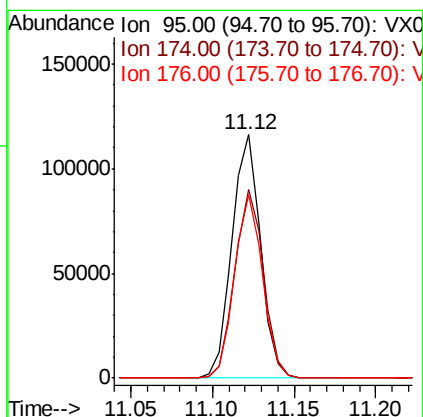
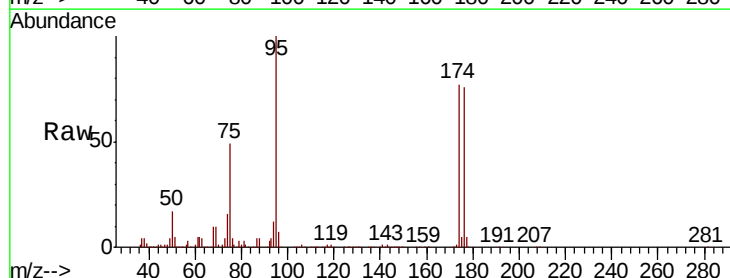
Manual Integrations
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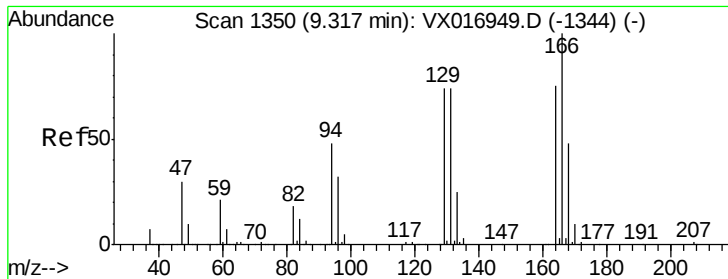
MMDadoda
6/29/2020 12:32:50 PM



#60
4-Bromofluorobenzene
Concen: 30.343 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	78.1	62.2	93.4
176	74.9	58.9	88.3





#61

Tetrachloroethene

Concen: 18.738 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion:164 Resp: 66518

Ion Ratio Lower Upper

164 100

166 123.0 106.3 159.5

129 92.7 78.9 118.3

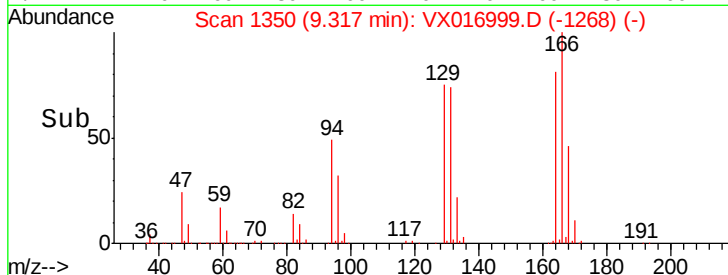
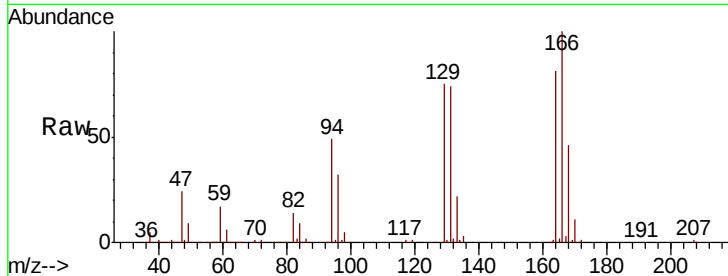
131 91.3 78.2 117.4

Manual Integrations

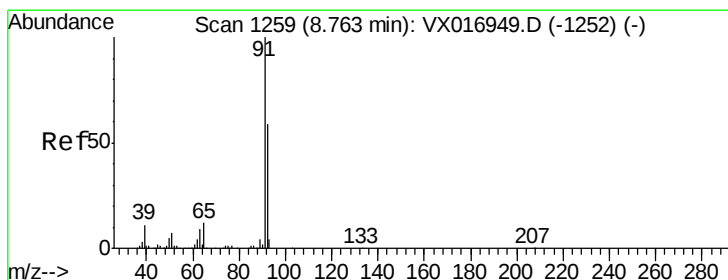
APPROVED

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Time-->



#62

Toluene

Concen: 19.206 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016999.D

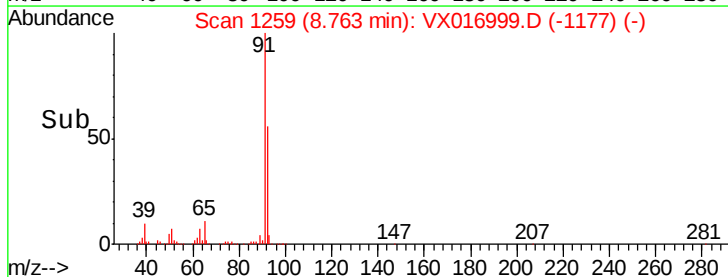
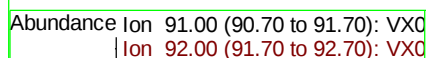
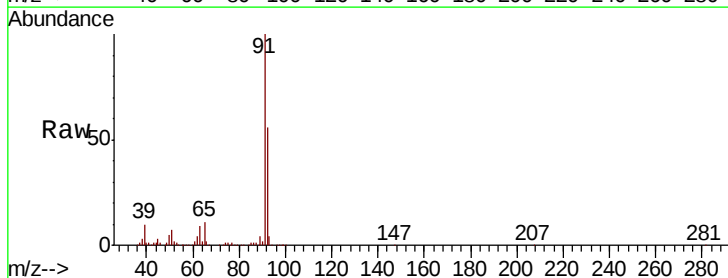
Acq: 26 Jun 2020 23:18

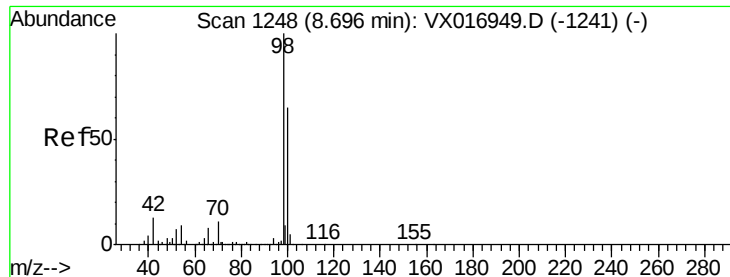
Tgt Ion: 91 Resp: 292403

Ion Ratio Lower Upper

91 100

92 57.8 46.8 70.2





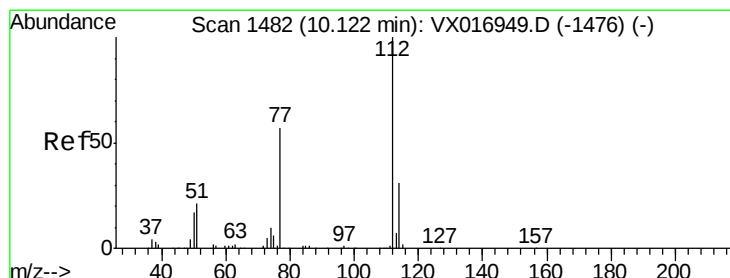
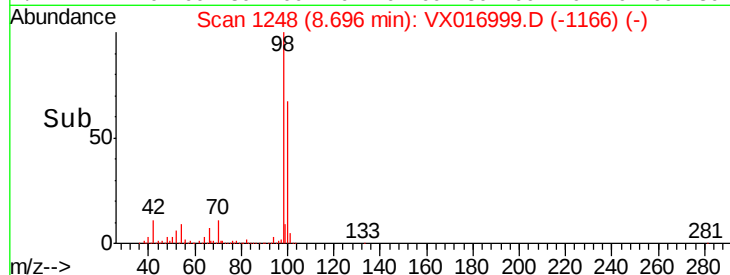
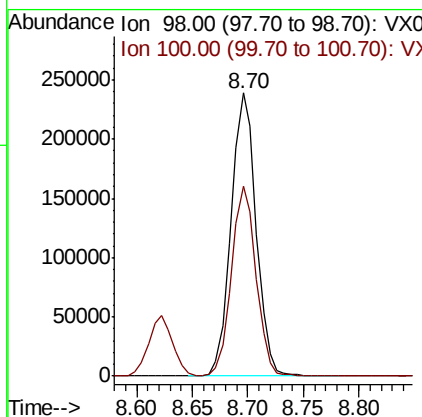
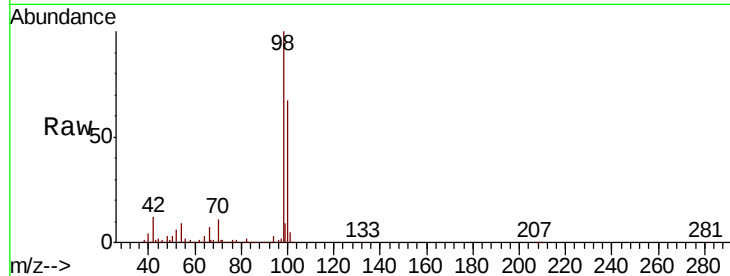
#63
Toluene-d8
Concen: 30.248 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampled :
VX0626WBS02

Tot Ion: 98 Resp: 371140
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5

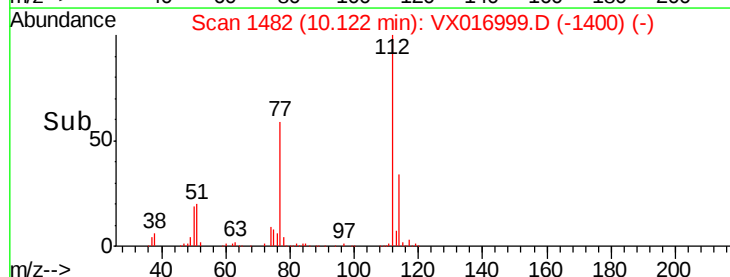
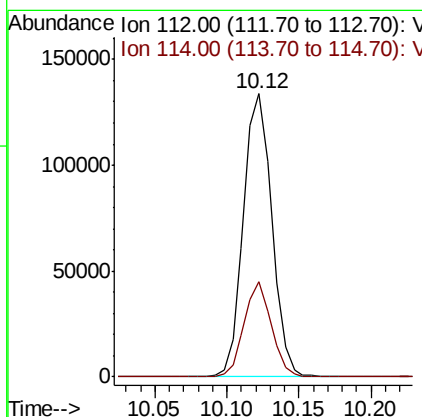
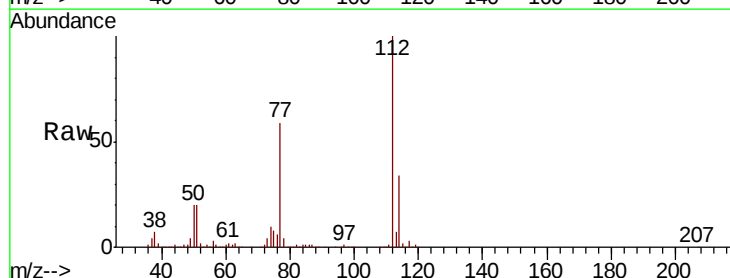
Manual Integrations
APPROVED

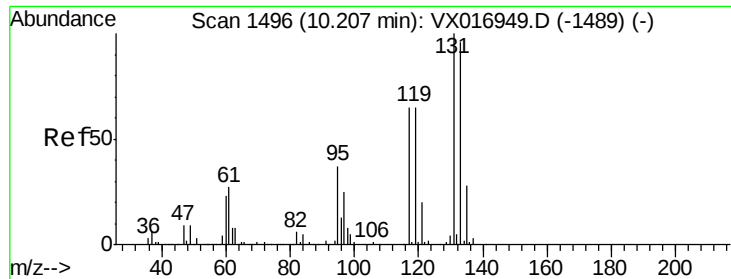
MMDadoda
6/29/2020 12:32:50 PM



#64
Chlorobenzene
Concen: 19.241 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion: 112 Resp: 183520
Ion Ratio Lower Upper
112 100
114 33.7 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.774 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

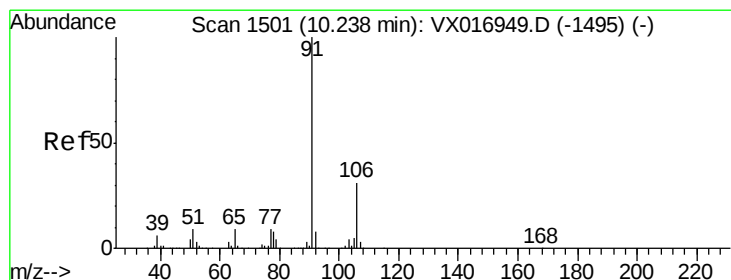
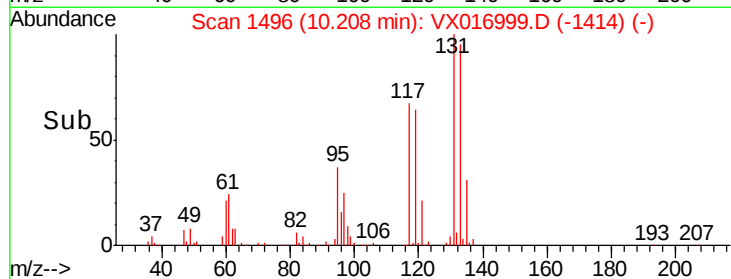
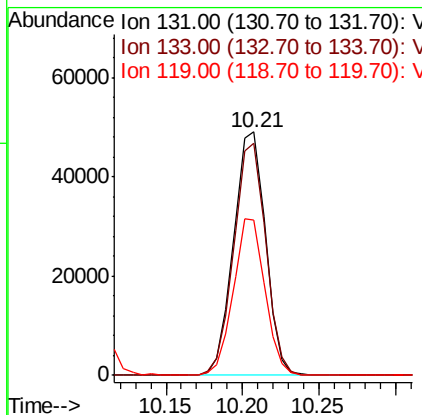
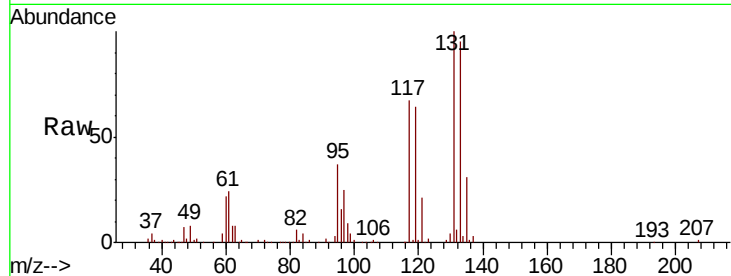
ClientSampleId :

VX0626WBS02

Tot Ion:	131	Resp:	71005
Ion Ratio	Lower	Upper	
131	100		
133	95.6	0.0	190.2
119	63.4	0.0	133.2

Manual Integrations
APPROVED

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#66

Ethyl Benzene

Concen: 18.685 ug/l

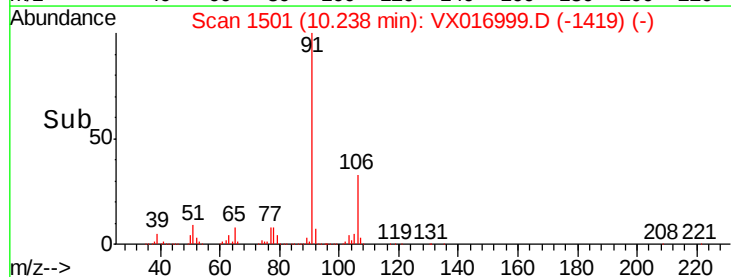
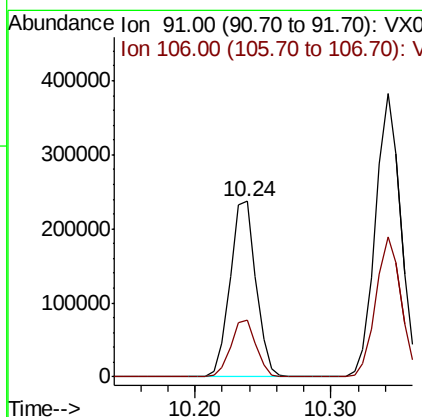
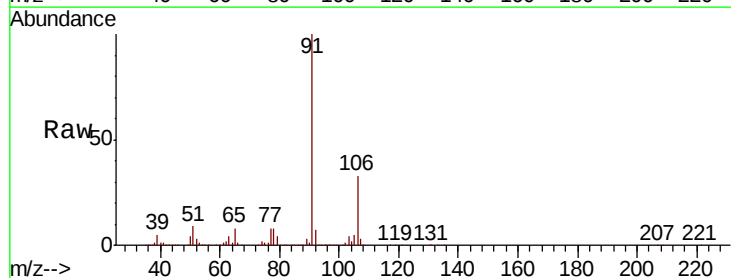
RT: 10.24 min Scan# 1501

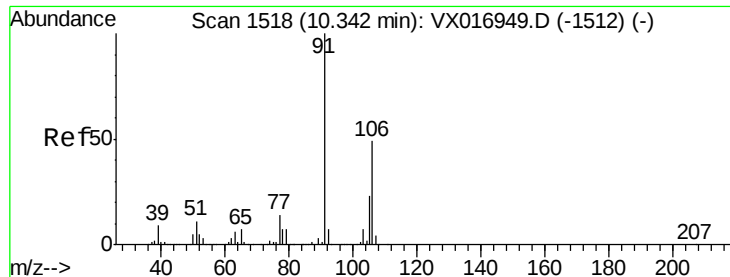
Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion:	91	Resp:	315469
Ion Ratio	Lower	Upper	
91	100		
106	32.5	24.8	37.2





#67

m/p-Xvlenes

Concen: 38.529 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion:106 Resp: 245393

Ion Ratio Lower Upper

106 100

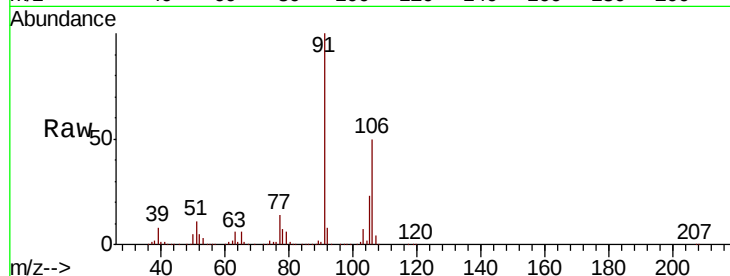
91 200.9 164.5 246.7

Manual Integrations

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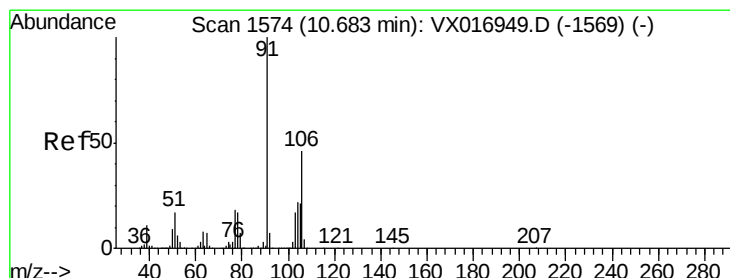
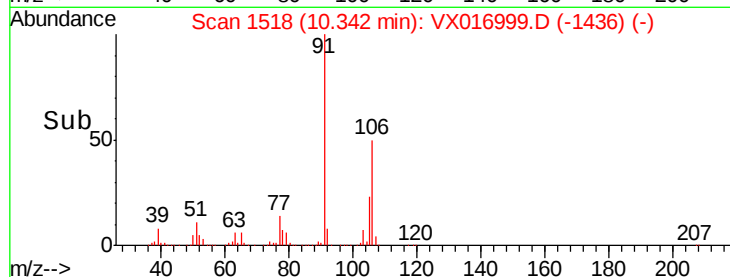
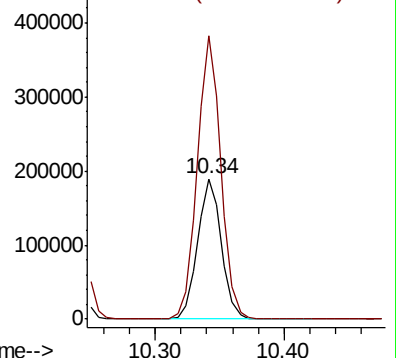
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.667 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016999.D

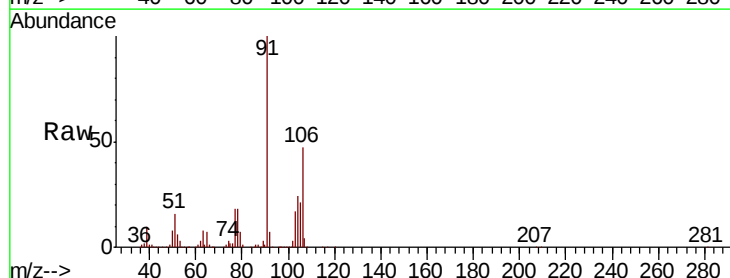
Acq: 26 Jun 2020 23:18

Tgt Ion:106 Resp: 114207

Ion Ratio Lower Upper

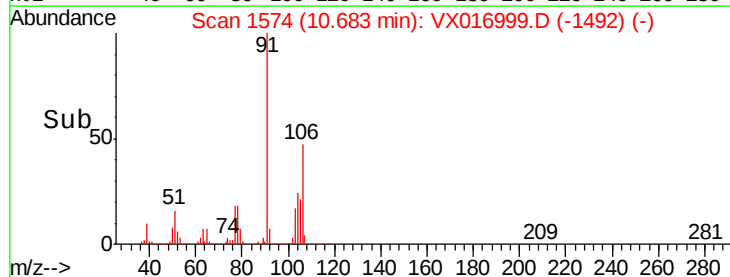
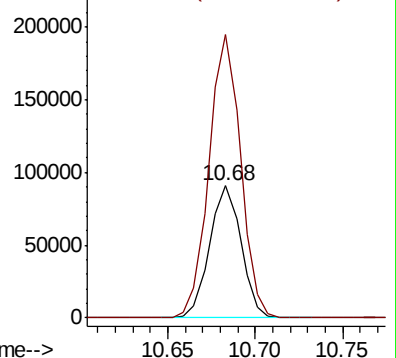
106 100

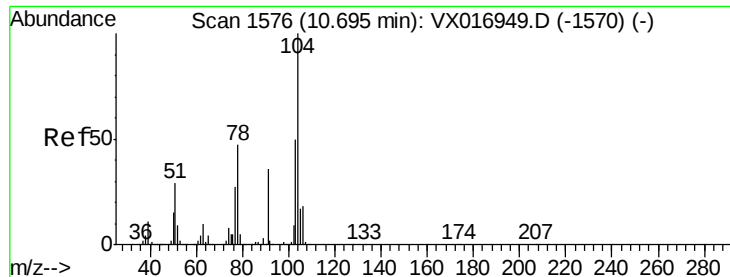
91 215.0 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





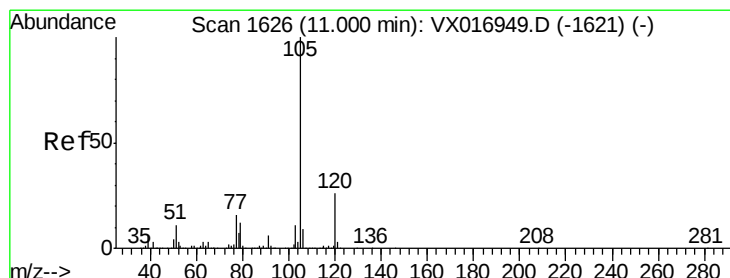
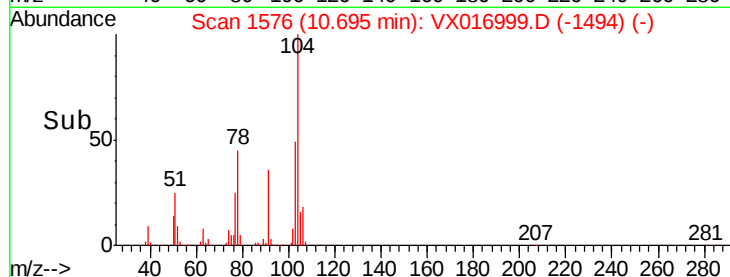
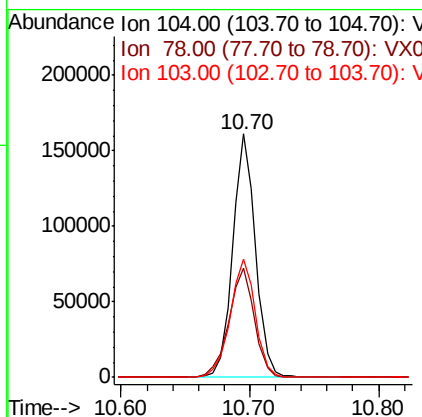
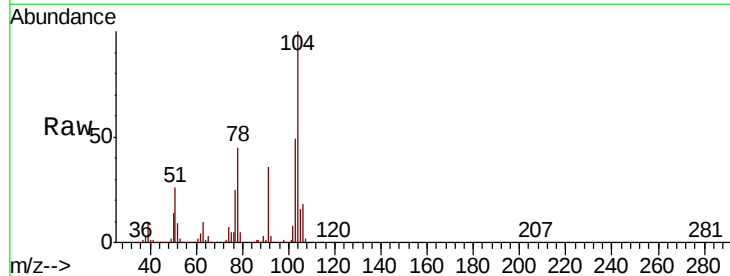
#69
Stvrene
Concen: 18.995 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.3	42.6	64.0
103	53.7	44.1	66.1

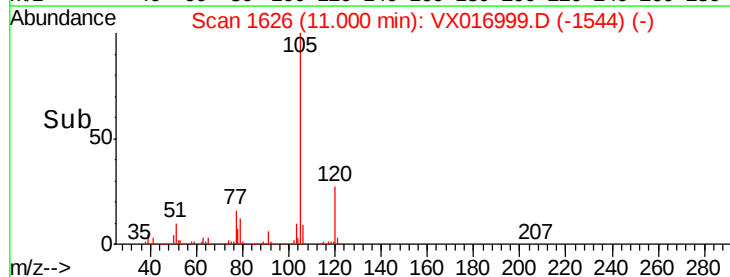
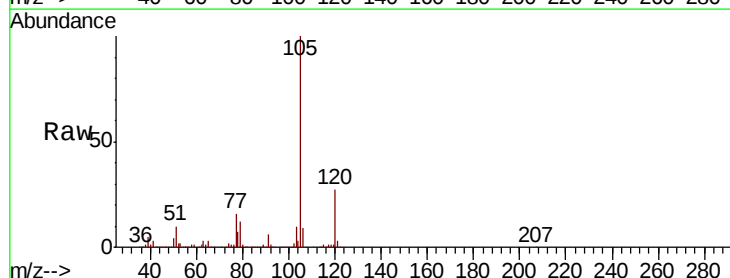
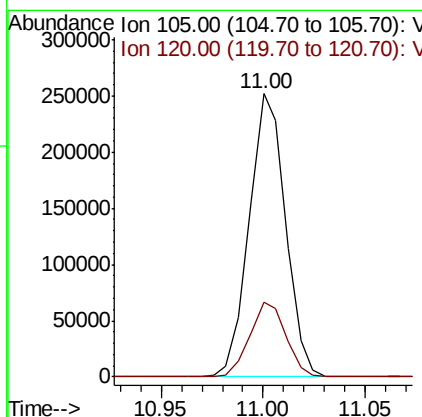
Manual Integrations
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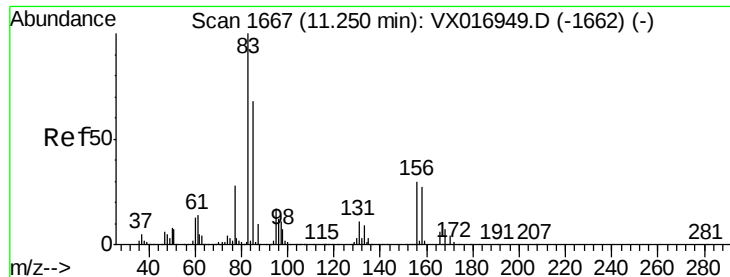
MMDadoda
6/29/2020 12:32:50 PM



#70
Isopropylbenzene
Concen: 18.842 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 19.538 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 83 Resp: 99568

Ion Ratio Lower Upper

83 100

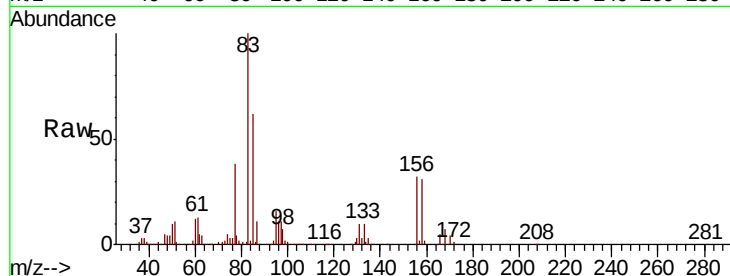
131 10.6 5.2 15.6

85 63.9 33.1 99.3

Manual Integrations
APPROVED

MMDadoda

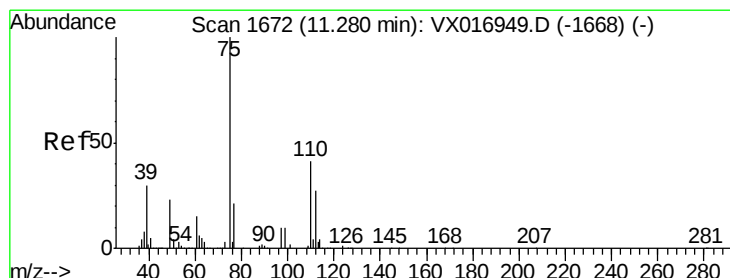
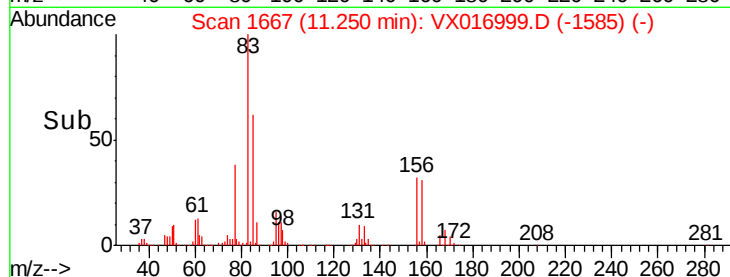
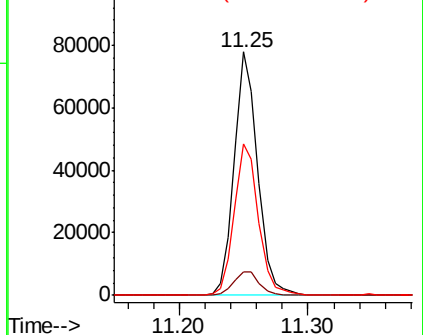
6/29/2020 12:32:50 PM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 19.896 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016999.D

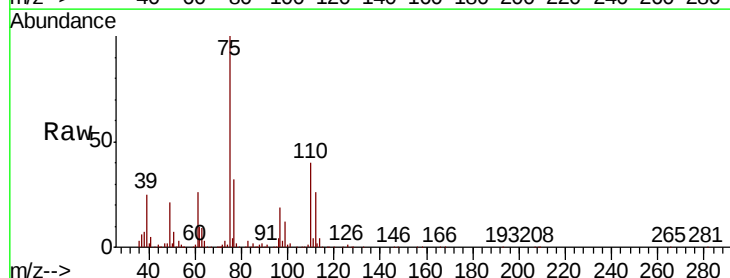
Acq: 26 Jun 2020 23:18

Tgt Ion: 75 Resp: 97369

Ion Ratio Lower Upper

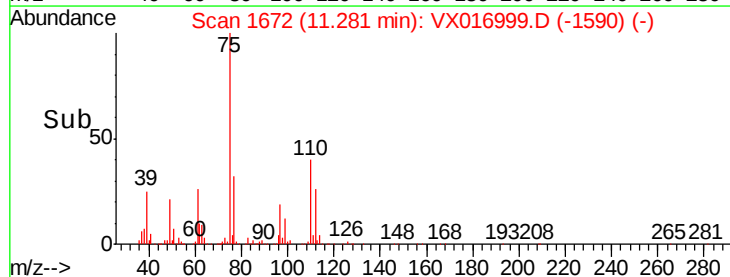
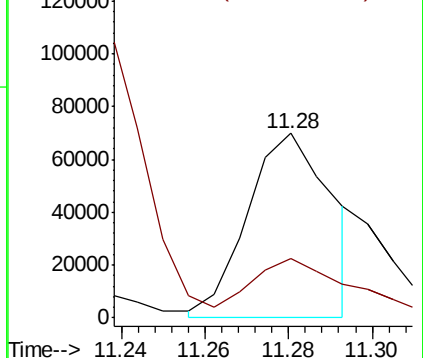
75 100

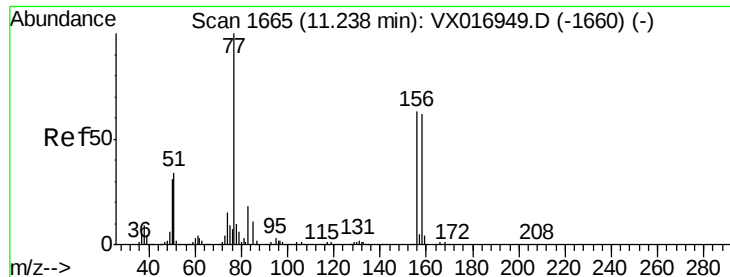
77 39.2 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





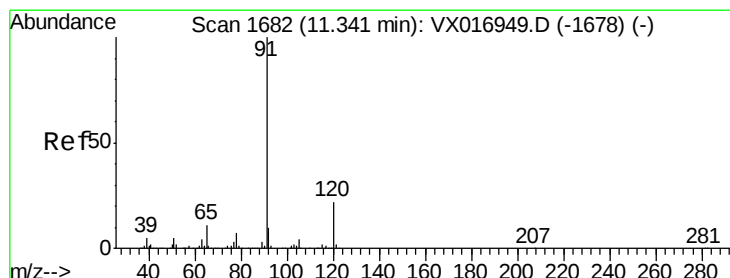
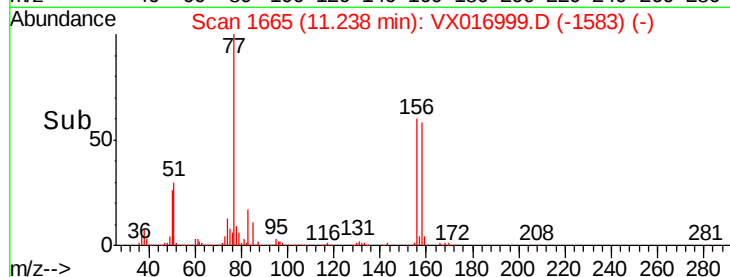
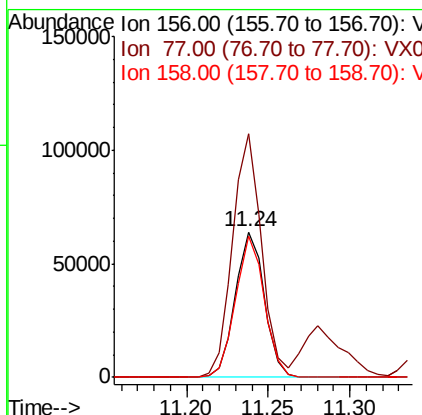
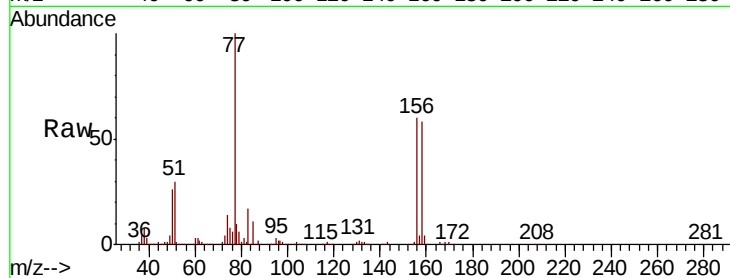
#73
Bromobenzene
Concen: 18.992 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.0	0.0	317.2
158	96.0	0.0	188.4

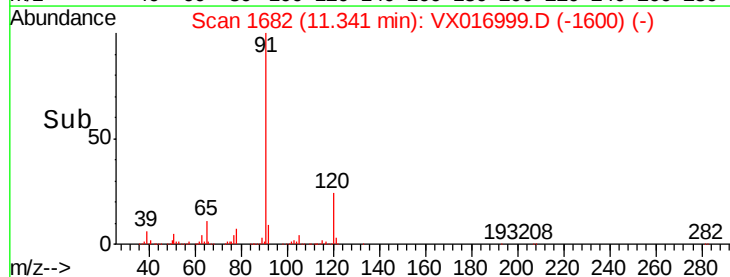
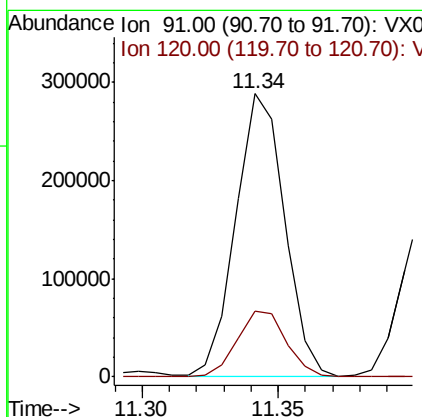
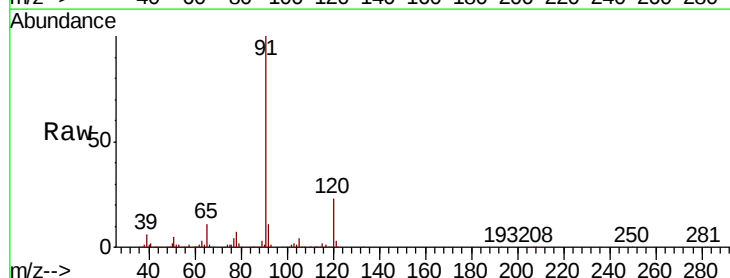
Manual Integrations
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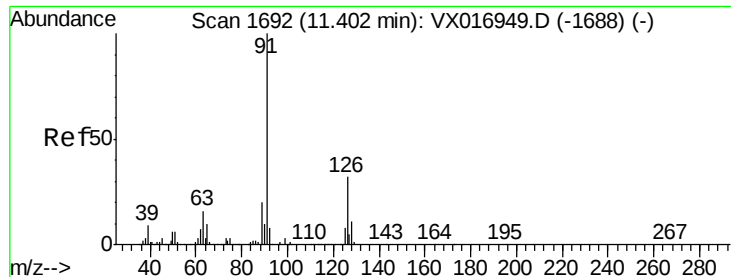
MMDadoda
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#74
n-propylbenzene
Concen: 18.235 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	0.0	45.6





#75

2-Chlorotoluene

Concen: 18.910 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

ClientSampleId :

VX0626WBS02

Tot Ion: 91 Resp: 217261

Ion Ratio Lower Upper

91 100

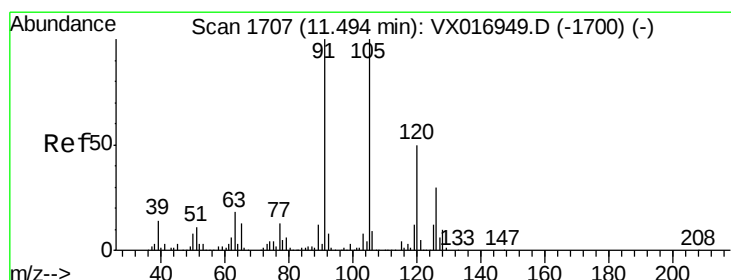
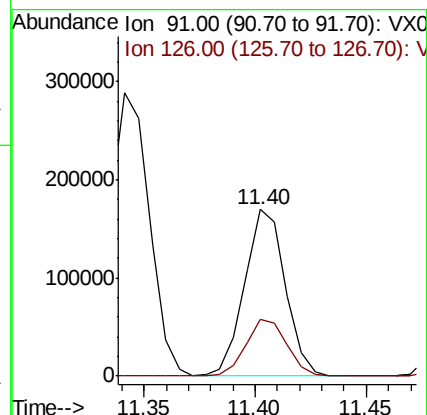
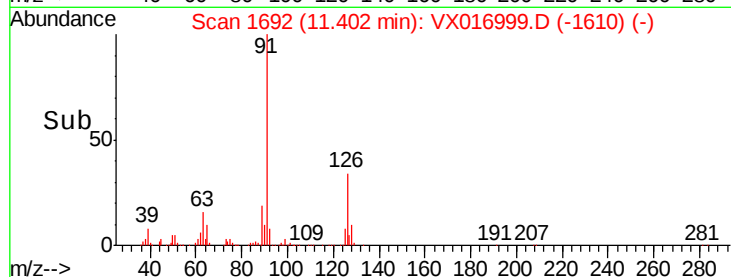
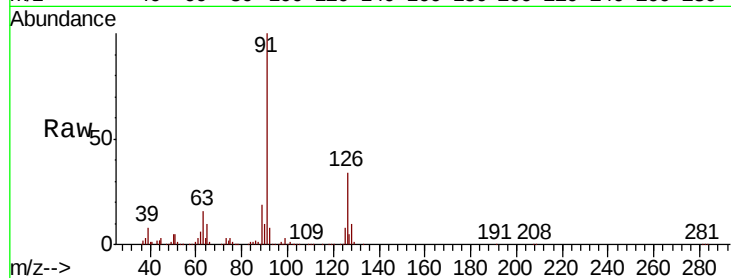
126 34.1 0.0 68.0

Manual Integrations

APPROVED

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6/29/2020 12:32:50 PM



#76

1,3,5-Trimethylbenzene

Concen: 18.881 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016999.D

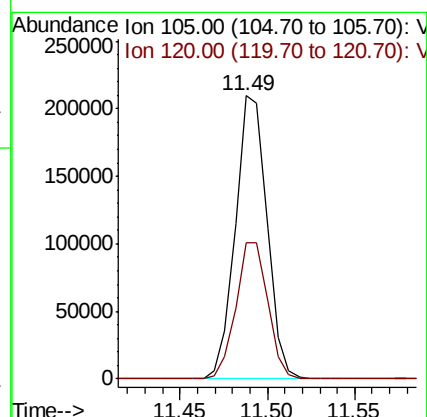
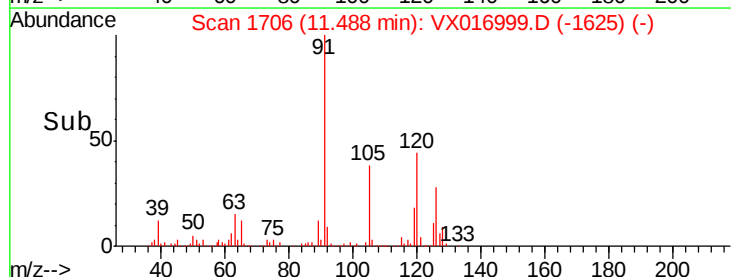
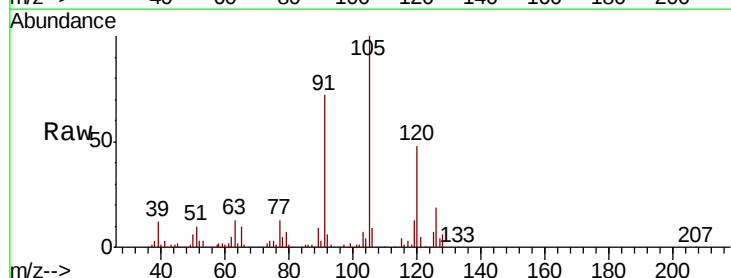
Acq: 26 Jun 2020 23:18

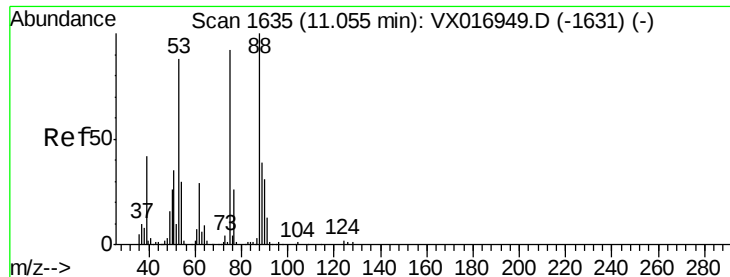
Tgt Ion: 105 Resp: 262986

Ion Ratio Lower Upper

105 100

120 48.8 0.0 99.4





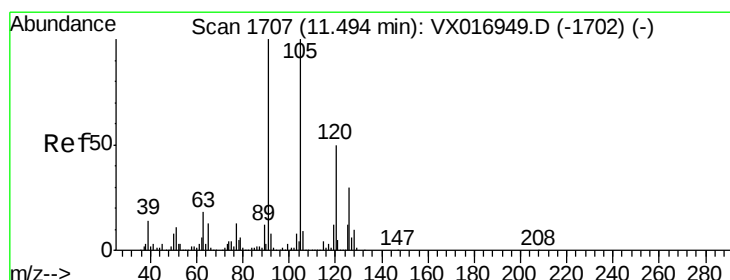
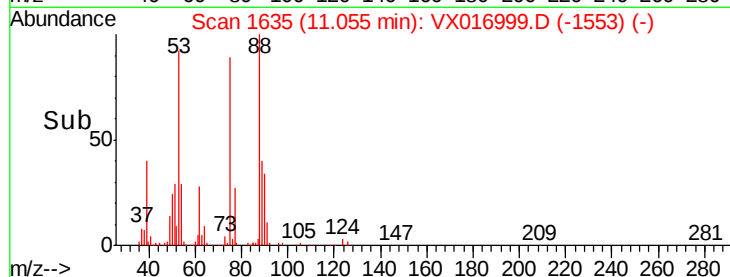
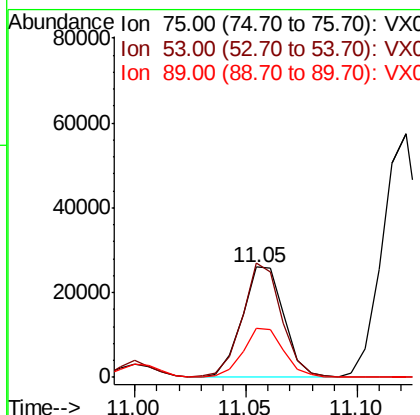
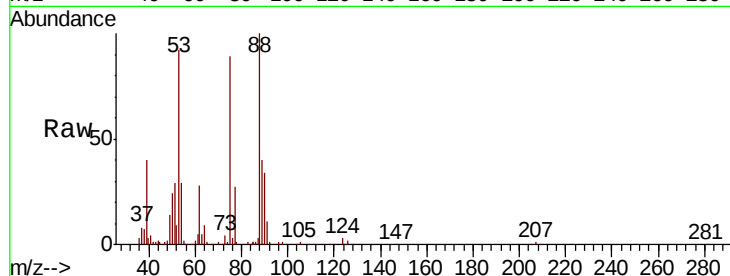
#77
t-1,4-Dichloro-2-butene
Concen: 17.273 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	47.6	142.9
89	44.6	21.1	63.4

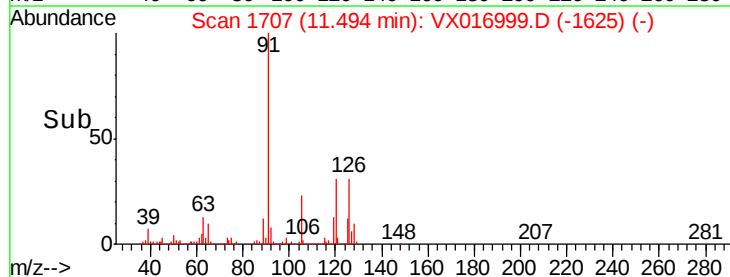
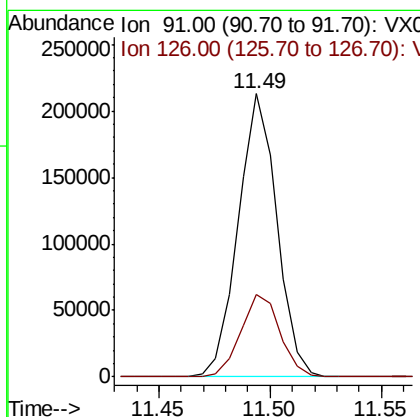
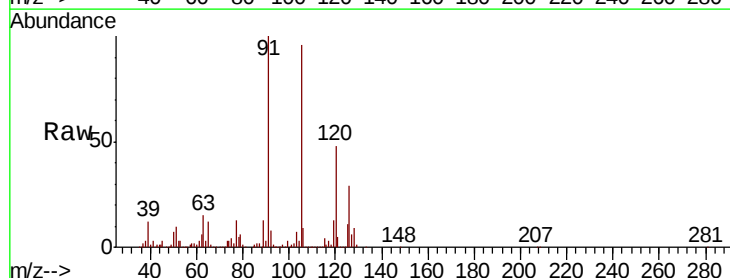
Manual Integrations
APPROVED

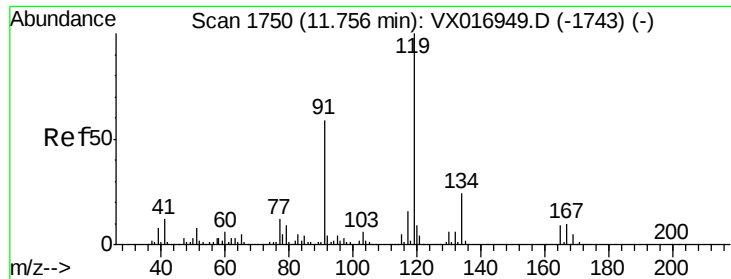
MMDadoda
6/29/2020 12:32:50 PM



#78
4-Chlorotoluene
Concen: 18.950 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	0.0	60.6





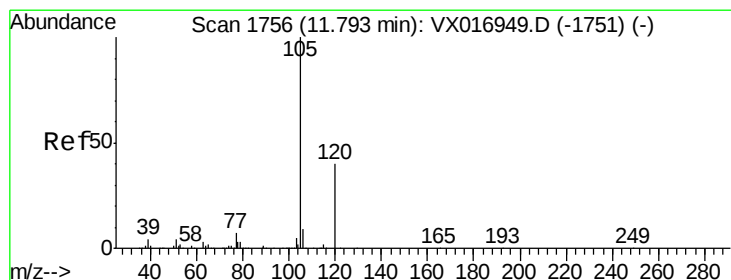
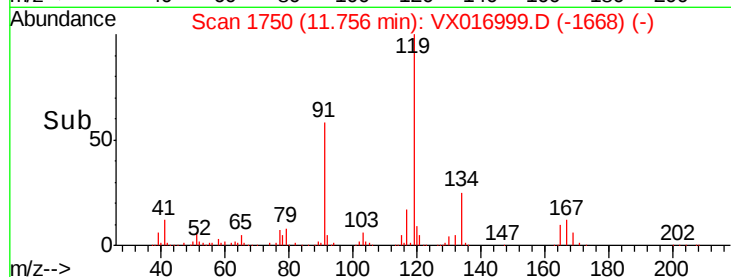
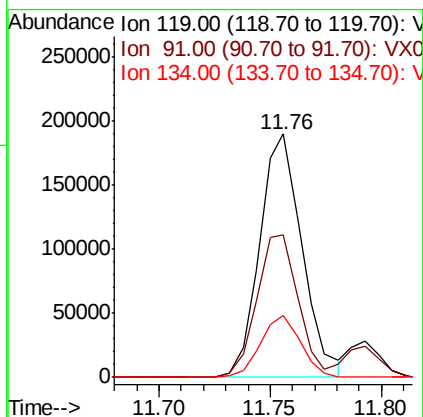
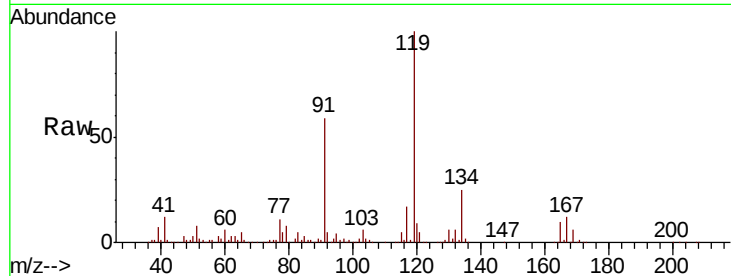
#79
tert-butylbenzene
Concen: 18.836 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	251328		
91	57.1	0.0	115.2	
134	24.0	0.0	45.8	

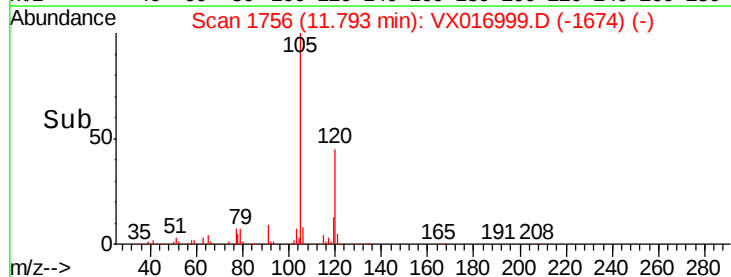
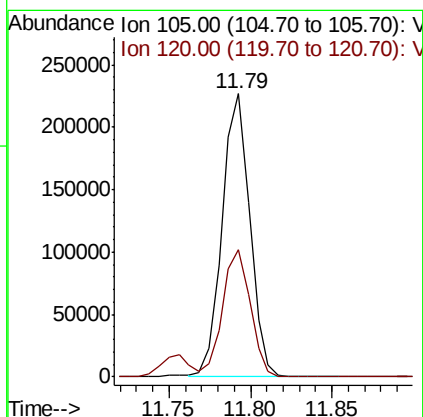
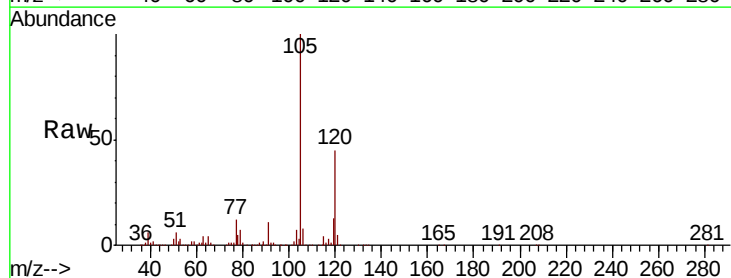
Manual Integrations
APPROVED

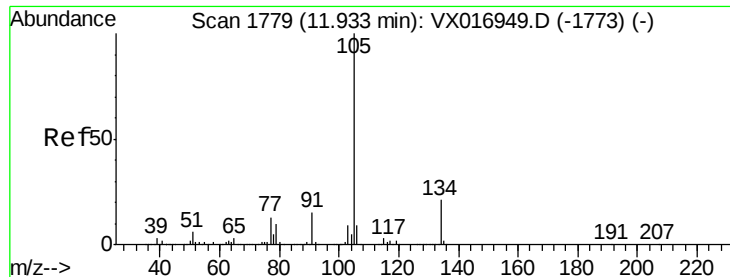
MMDadoda
6/29/2020 12:32:50 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.154 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	267835		
120	45.3	0.0	89.8	





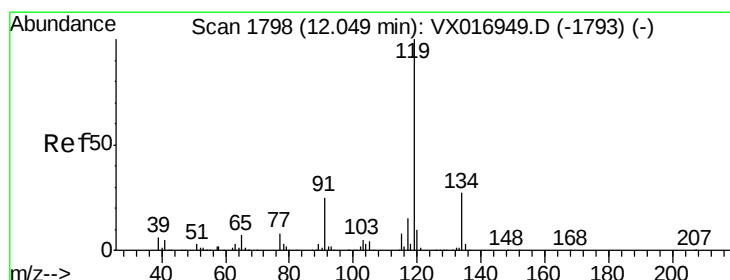
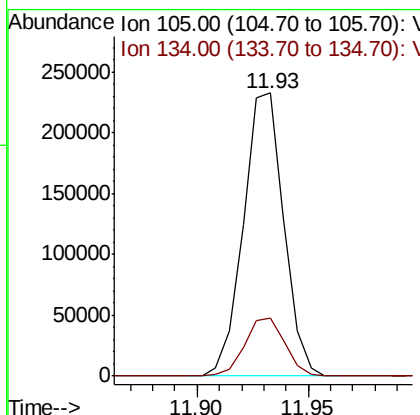
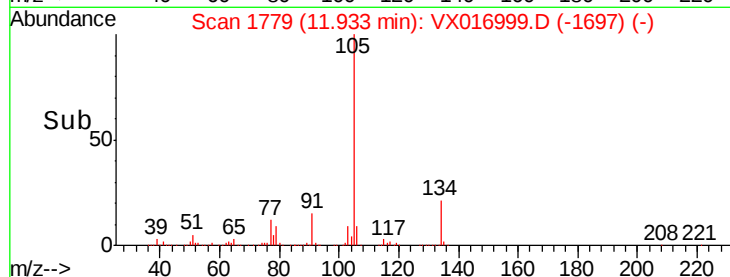
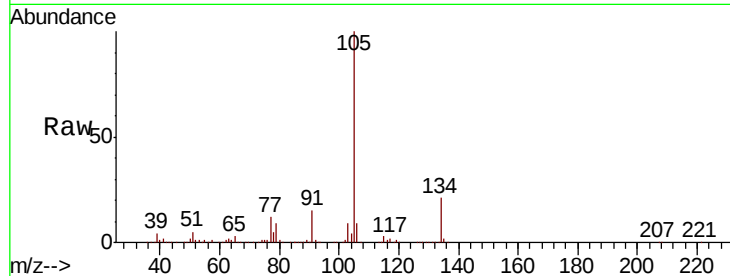
#81
 sec-Butylbenzene
 Concen: 18.248 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Instrument :
 MSVOA_X
 ClientSampled :
 VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
105	100	294798		
134	20.3	0.0	41.2	

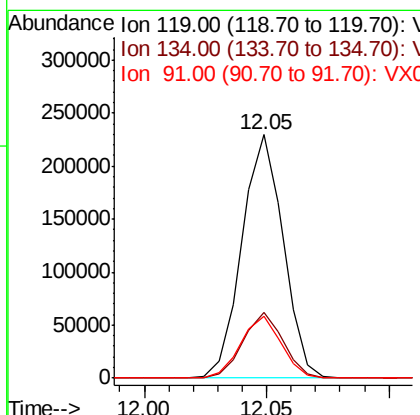
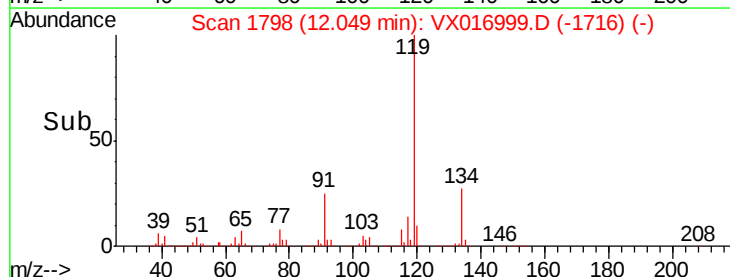
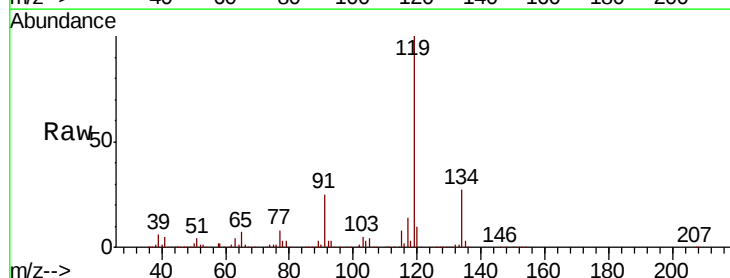
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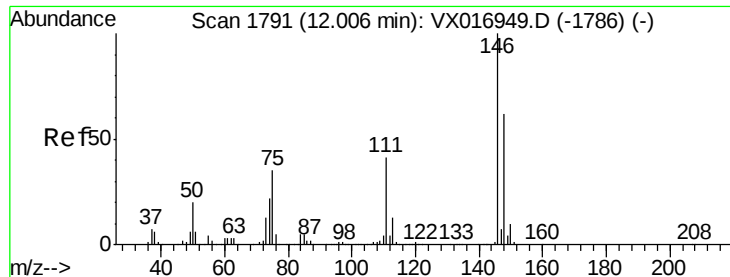
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#82
 p-Isopropyltoluene
 Concen: 18.469 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016999.D
 Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	269396		
134	26.3	0.0	53.0	
91	24.9	0.0	49.0	





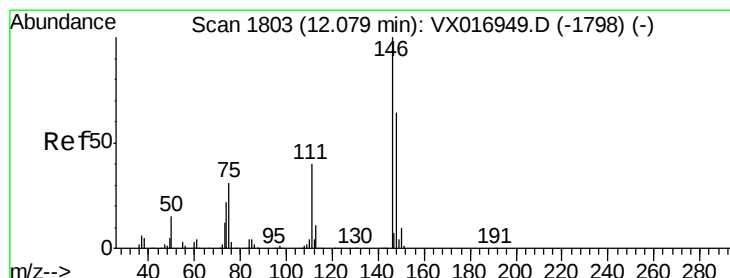
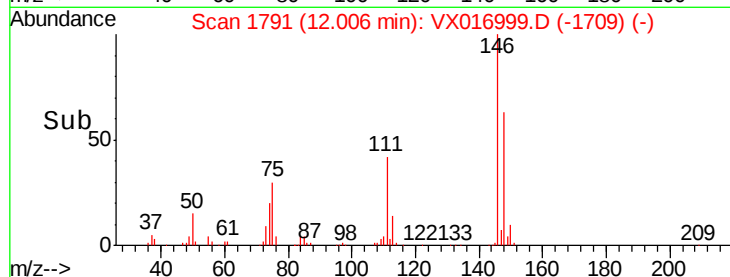
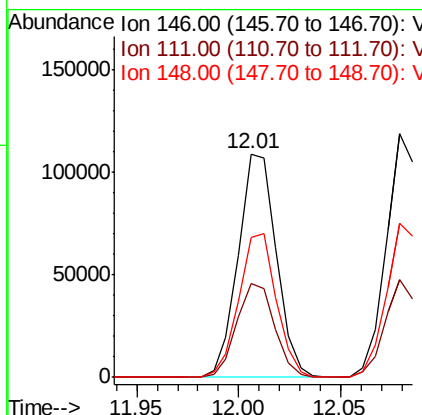
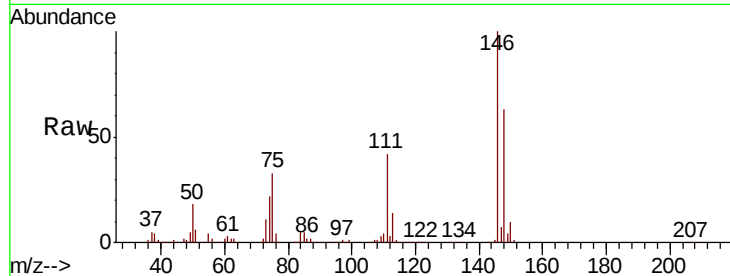
#83
1,3-Dichlorobenzene
Concen: 18.897 ug/l
RT: 12.01 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	19.5	58.5
148	63.7	31.8	95.4

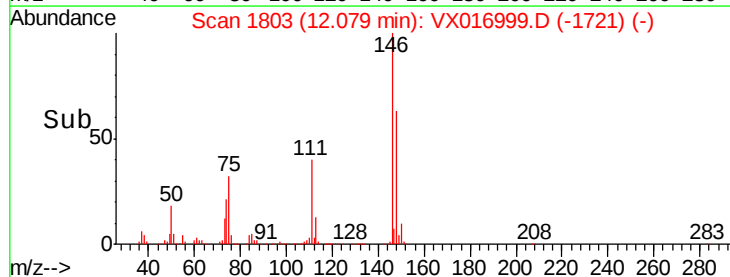
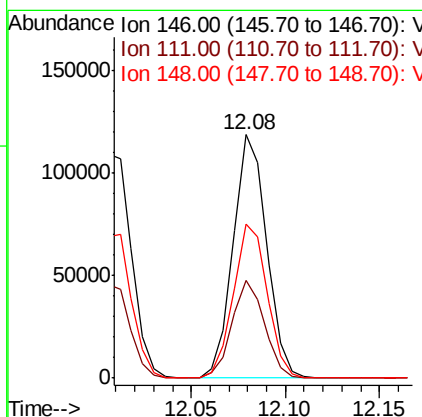
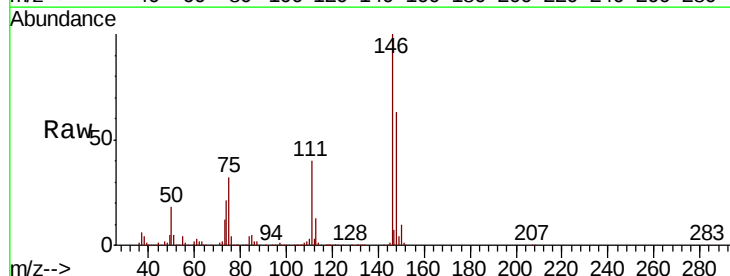
Manual Integrations
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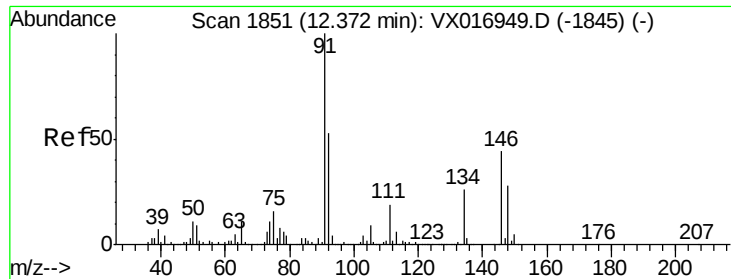
MMDadoda
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#84
1,4-Dichlorobenzene
Concen: 19.441 ug/l
RT: 12.08 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.4	58.2
148	64.2	32.1	96.3





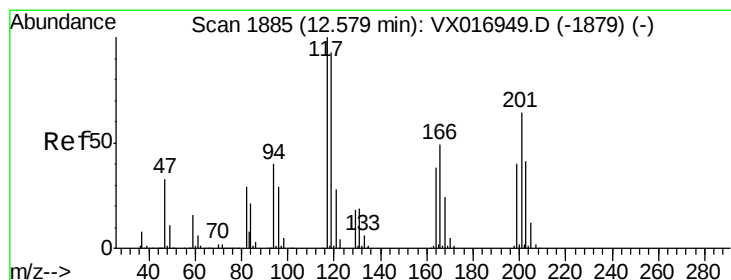
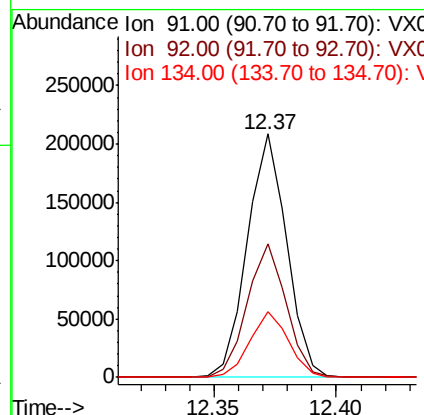
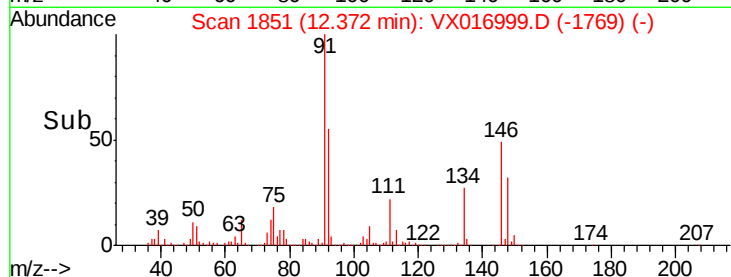
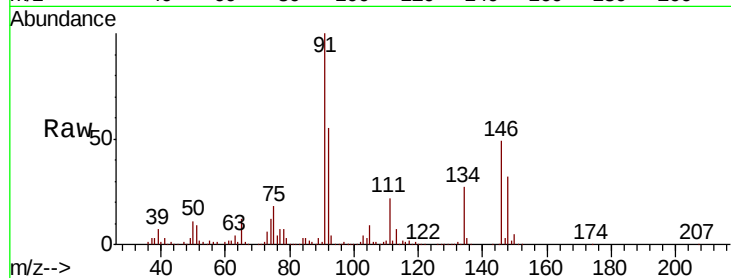
#85
n-Butylbenzene
Concen: 17.322 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	233878		
92	54.2	0.0	105.8	
134	26.4	0.0	52.2	

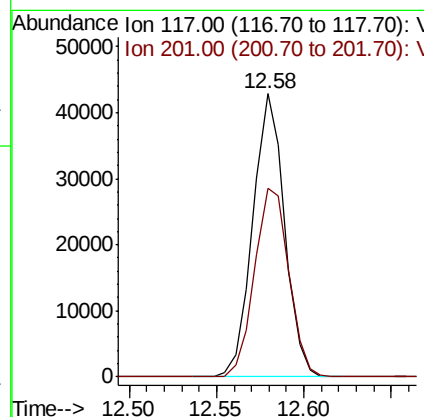
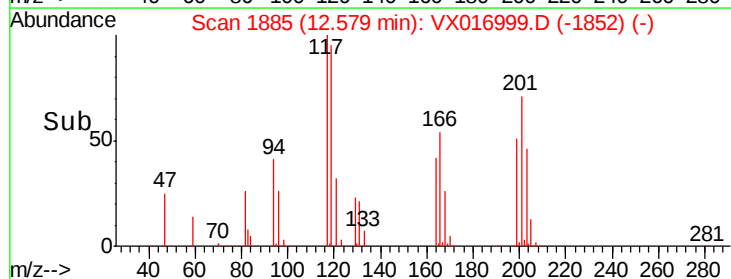
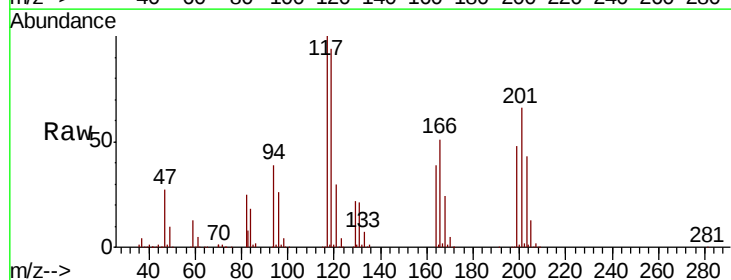
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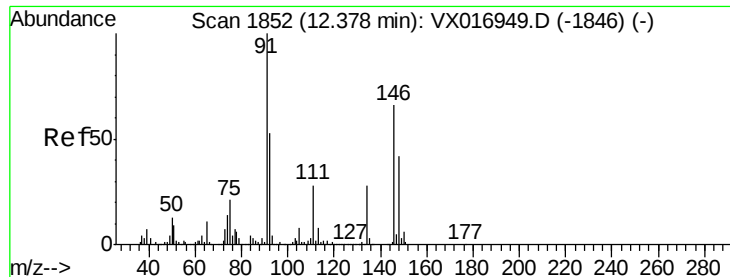
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#86
Hexachloroethane
Concen: 18.933 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	54047		
201	72.1	34.6	103.9	





#87

1,2-Dichlorobenzene

Concen: 19.674 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Instrument :

MSVOA_X

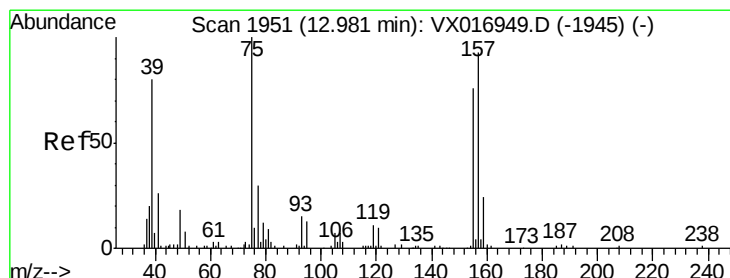
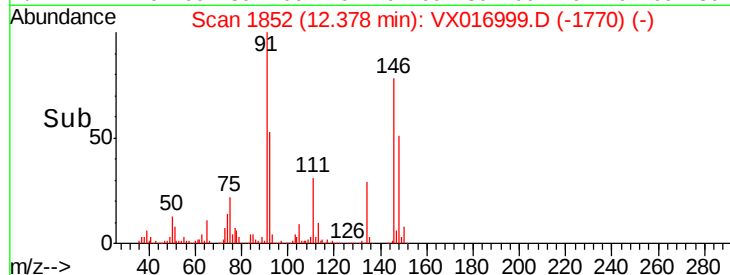
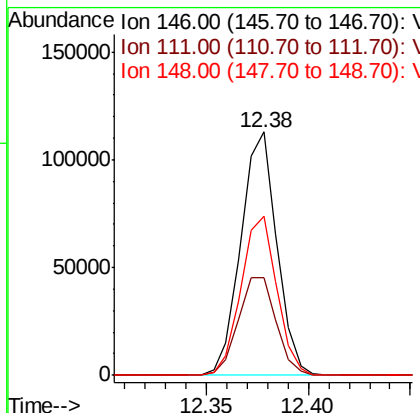
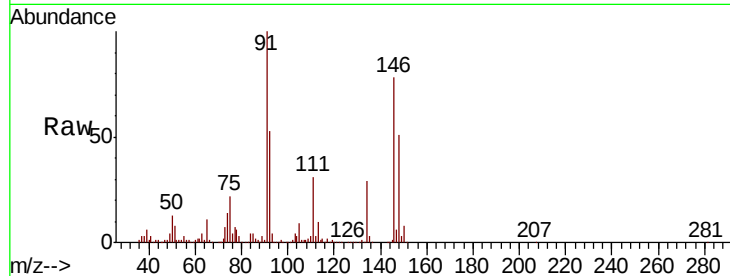
ClientSampleId :

VX0626WBS02

Tot Ion:	146	Resp:	138201
Ion Ratio	Lower	Upper	
146	100		
111	42.5	21.1	63.1
148	65.3	32.1	96.3

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.457 ug/l

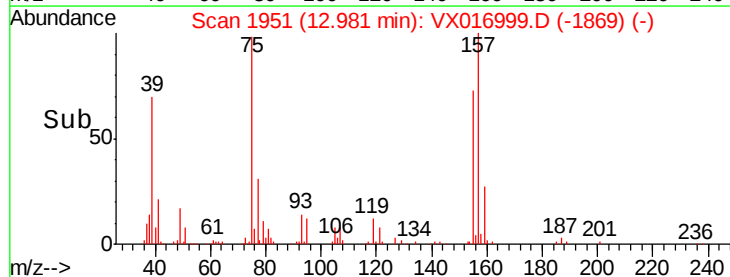
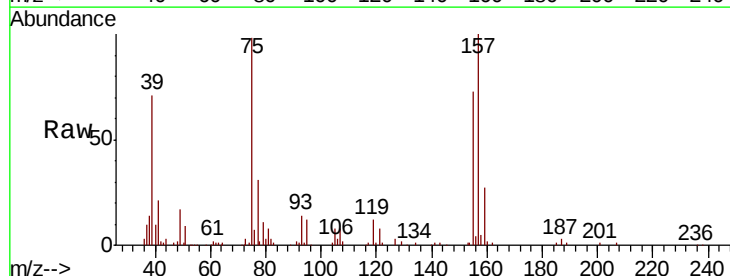
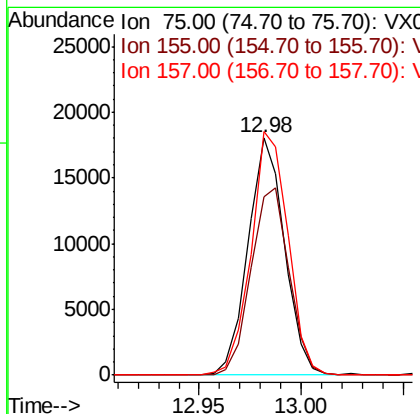
RT: 12.98 min Scan# 1951

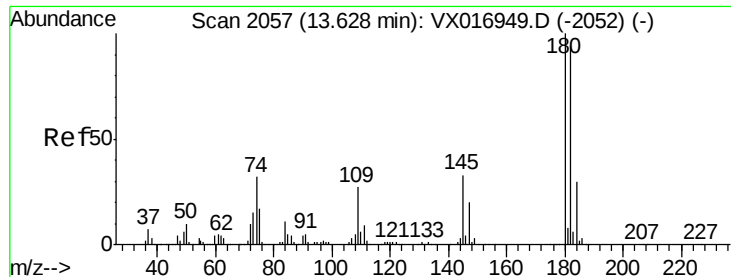
Delta R.T. 0.00 min

Lab File: VX016999.D

Acq: 26 Jun 2020 23:18

Tgt Ion:	75	Resp:	22559
Ion Ratio	Lower	Upper	
75	100		
155	82.2	65.0	97.6
157	103.3	83.0	124.4





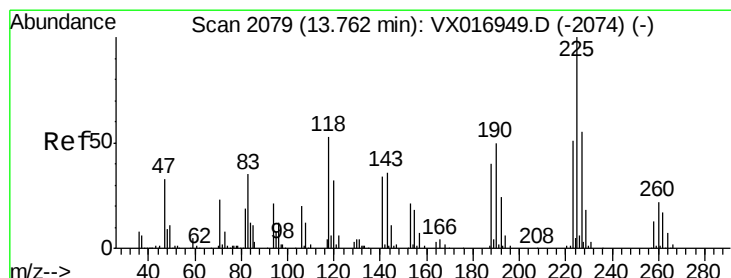
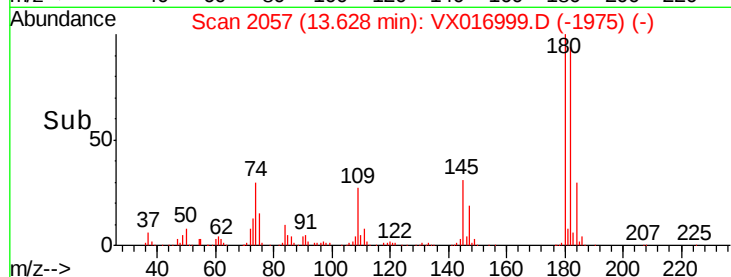
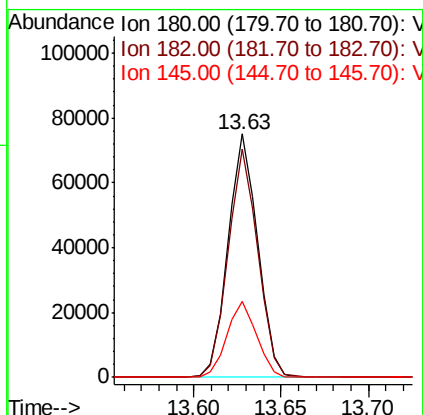
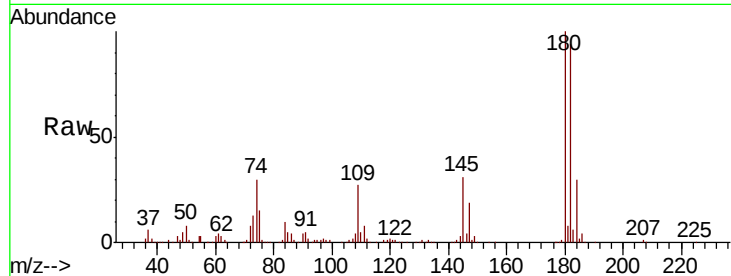
#89
1,2,4-Trichlorobenzene
Concen: 18.707 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.7	77.7	116.5
145	31.5	26.2	39.2

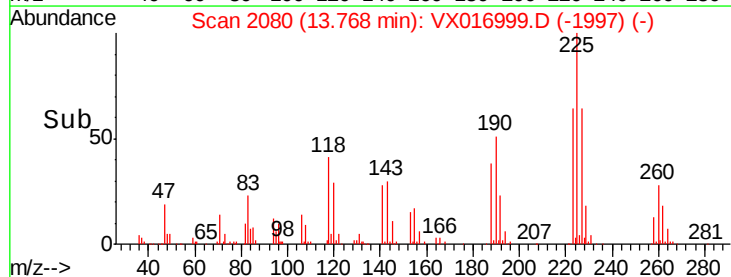
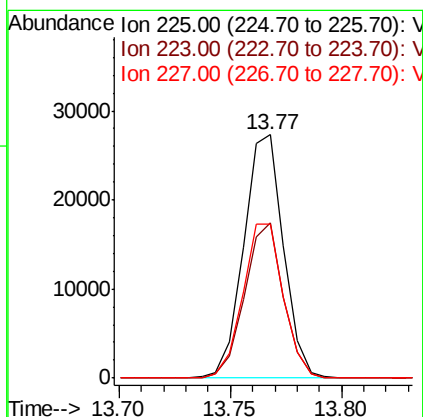
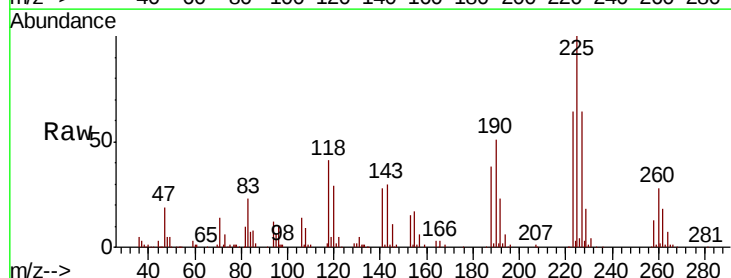
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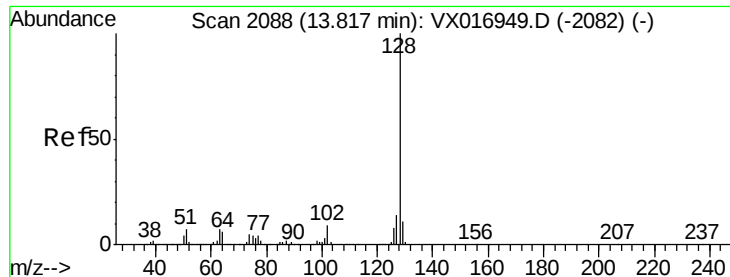
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#90
Hexachlorobutadiene
Concen: 18.918 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	125.0
227	64.4	0.0	124.0





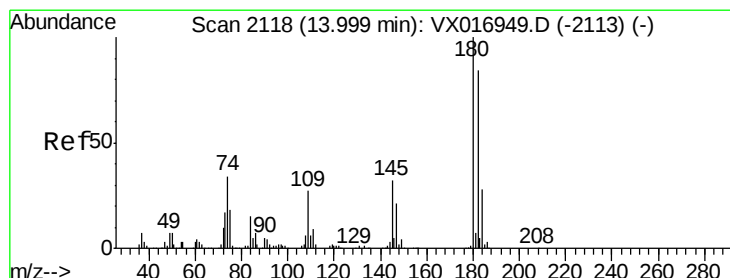
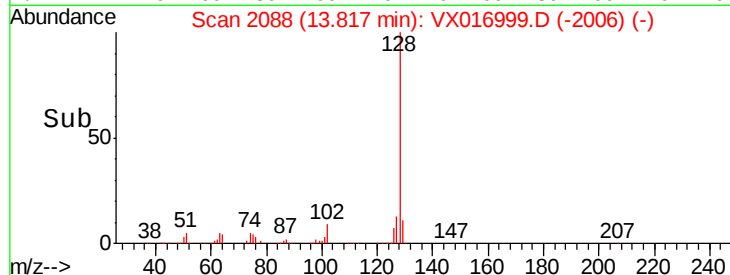
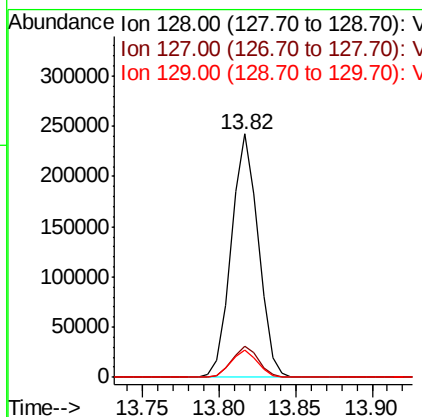
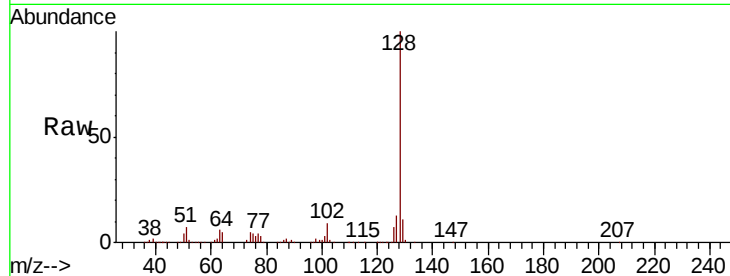
#91
Naphthalene
Concen: 19.051 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Instrument :
MSVOA_X
ClientSampleId :
VX0626WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	295936		
127	12.8		10.5	15.7
129	10.9		9.0	13.4

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#92
1,2,3-Trichlorobenzene
Concen: 19.148 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016999.D
Acq: 26 Jun 2020 23:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	88558		
182	92.4		0.0	184.8
145	32.9		0.0	68.0

