

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019325.D
 Acq On : 05 Nov 2020 19:25
 Operator : JC/MD
 Sample : L4616-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:22 AM

Quant Time: Nov 06 02:52:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	247579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429790	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205036	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	171037	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	5.46	113	133996	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.70	98	496018	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
62) 4-Bromofluorobenzene	11.12	95	198378	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	104727	50.740	ug/l	99
3) Chloromethane	1.31	50	125981	54.635	ug/l	99
4) Vinyl Chloride	1.39	62	151800	56.766	ug/l	99
5) Bromomethane	1.62	94	79450	43.504	ug/l	98
6) Chloroethane	1.71	64	98939	57.947	ug/l	97
7) Trichlorofluoromethane	1.92	101	221210	52.654	ug/l	97
8) Diethyl Ether	2.17	74	93145	57.769	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118383	50.838	ug/l	99
10) Methyl Iodide	2.49	142	120851	44.738	ug/l	100
11) Tert butyl alcohol	3.01	59	211254	334.989	ug/l	100
12) 1,1-Dichloroethene	2.36	96	129879	54.126	ug/l	97
13) Acrolein	2.27	56	99017	348.893	ug/l	98
14) Allyl chloride	2.71	41	205054	56.418	ug/l	98
15) Acrylonitrile	3.11	53	407552	307.544	ug/l	100
16) Acetone	2.42	43	345809	313.950	ug/l	99
17) Carbon Disulfide	2.55	76	339174	49.594	ug/l	100
18) Methyl Acetate	2.75	43	161525	60.305	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	483597	58.165	ug/l	99
20) Methylene Chloride	2.84	84	151863	54.918	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	145288	52.609	ug/l	97
22) Diisopropyl ether	3.82	45	436092	60.185	ug/l	99
23) Vinyl Acetate	3.78	43	1847569	285.934	ug/l	99
24) 1,1-Dichloroethane	3.67	63	260799	57.647	ug/l	99
25) 2-Butanone	4.63	43	545431	314.201	ug/l	99
26) 2,2-Dichloropropane	4.55	77	195729	46.021	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	170195	55.150	ug/l	100
28) Bromochloromethane	4.98	49	113661	55.264	ug/l	94
29) Tetrahydrofuran	5.09	42	353153	322.818	ug/l	97
30) Chloroform	5.18	83	273322	56.760	ug/l	99
31) Cyclohexane	5.55	56	211610	52.431	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	240658	55.123	ug/l	100
36) 1,1-Dichloropropene	5.77	75	201256	50.710	ug/l	99
37) Ethyl Acetate	4.79	43	202444	54.939	ug/l	99
38) Carbon Tetrachloride	5.76	117	200484	49.559	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	224196	47.244	ug/l	98
40) Benzene	6.11	78	605806	53.836	ug/l	99
41) Methacrylonitrile	5.00	41	113349	57.119	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222347	53.614	ug/l	100
43) Isopropyl Acetate	6.41	43	339331	54.996	ug/l	99
44) Trichloroethene	7.19	130	158087	49.054	ug/l	98
45) 1,2-Dichloropropane	7.49	63	153563	55.716	ug/l	99
46) Dibromomethane	7.63	93	107056	52.527	ug/l	98
47) Bromodichloromethane	7.87	83	216029	53.776	ug/l	99
48) Methyl methacrylate	7.74	41	171958	57.903	ug/l	98
49) 1,4-Dioxane	7.71	88	86929	1316.235	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1071178	302.057	ug/l	99
52) Toluene	8.76	92	428913	59.181	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	238587	51.998	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	251182	52.059	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	156393	54.615	ug/l	99
56) Ethyl methacrylate	9.16	69	247403	57.199	ug/l	98
57) 1,3-Dichloropropane	9.35	76	263284	54.533	ug/l	100
59) 2-Hexanone	9.47	43	825366	305.752	ug/l	99
60) Dibromochloromethane	9.57	129	164970	53.084	ug/l	100
61) 1,2-Dibromoethane	9.65	107	165917	54.183	ug/l	98
64) Tetrachloroethene	9.32	164	131690	43.400	ug/l	96
65) Chlorobenzene	10.12	112	401449	49.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146875	50.120	ug/l	98
67) Ethyl Benzene	10.23	91	767054	52.882	ug/l	100
68) m/p-Xylenes	10.34	106	604216	110.988	ug/l	97
69) o-Xylene	10.68	106	291111	56.378	ug/l	99
70) Stvrene	10.70	104	462012	52.440	ug/l	99
71) Bromoform	10.84	173	118931	51.187	ug/l #	100
73) Isopropylbenzene	11.00	105	707641	48.757	ug/l	99
74) N-amyl acetate	10.88	43	297688	56.098	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	254436	56.095	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	229105m	54.116	ug/l	
77) Bromobenzene	11.24	156	174028	48.313	ug/l	92
78) n-propylbenzene	11.34	91	844889	50.996	ug/l	99
79) 2-Chlorotoluene	11.40	91	504583	51.731	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	656836	53.571	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	79339	49.344	ug/l	98
82) 4-Chlorotoluene	11.49	91	592941	49.781	ug/l	98
83) tert-Butylbenzene	11.76	119	589255	50.193	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	846757	68.408	ug/l	99
85) sec-Butylbenzene	11.93	105	708851	50.343	ug/l	99
86) p-Isopropyltoluene	12.05	119	649472	49.974	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	320522	47.782	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	325954	46.680	ug/l	99
89) n-Butylbenzene	12.37	91	637905	52.219	ug/l	97
90) Hexachloroethane	12.58	117	116208	52.607	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	311601	48.376	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	57620	51.892	ug/l	99
93) 1,2,4-Trichlorobenzene	13.63	180	204053	42.175	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83603	39.254	ug/l	97
95) Naphthalene	13.82	128	819894	53.805	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	200942	42.812	ug/l	97

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

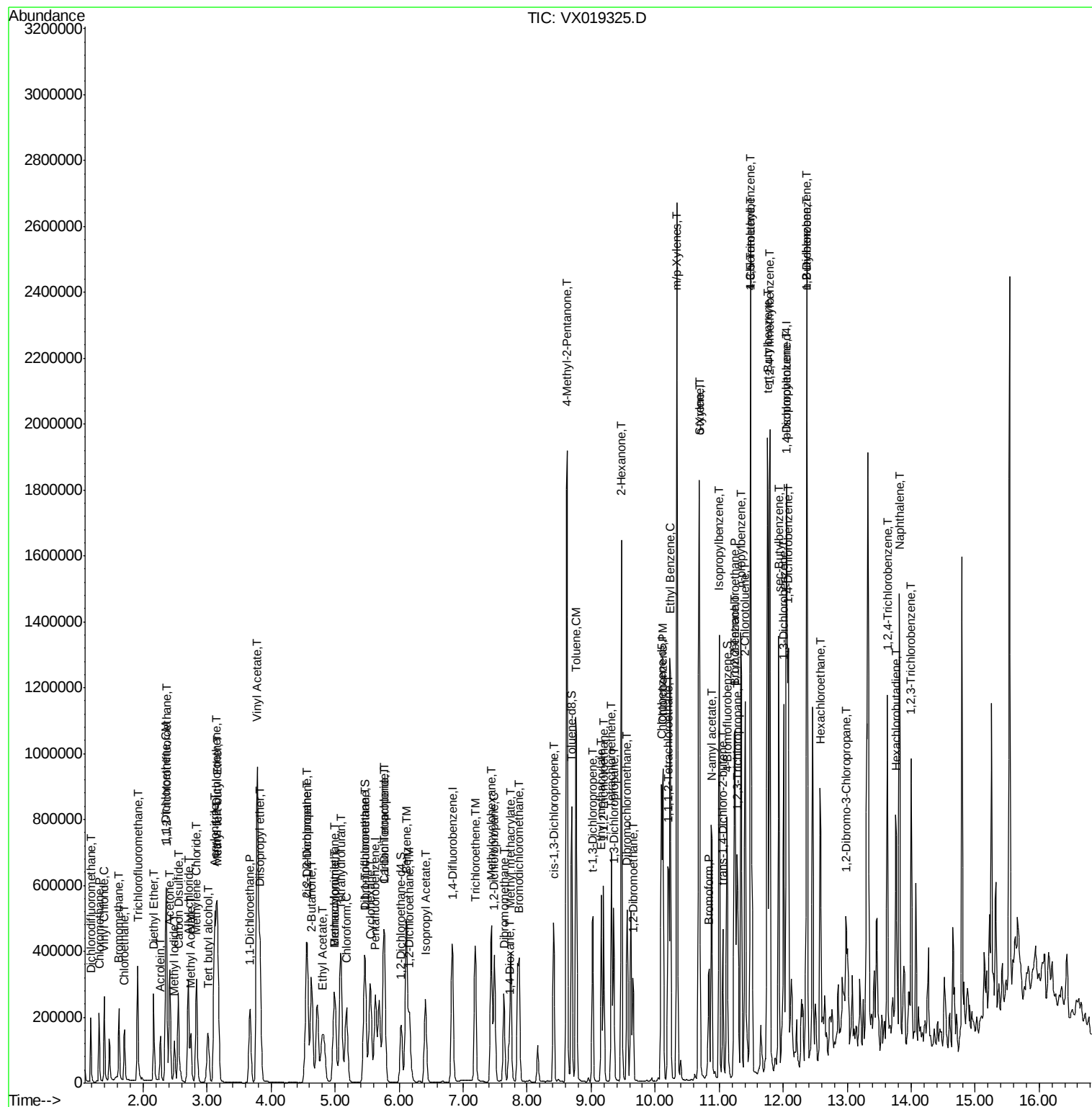
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 Data File : VX019325.D
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 Operator : JC/MD
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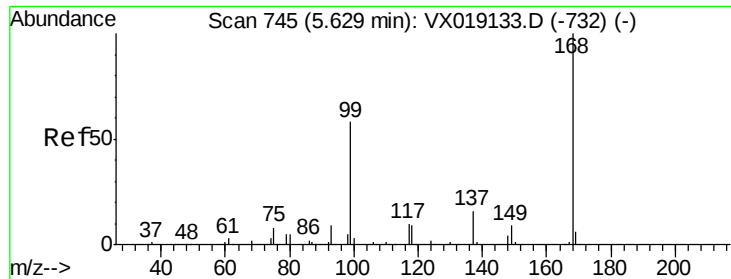
Instrument :
 MSVOA_X
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#1

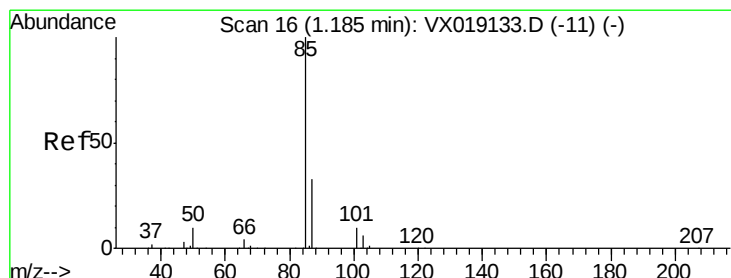
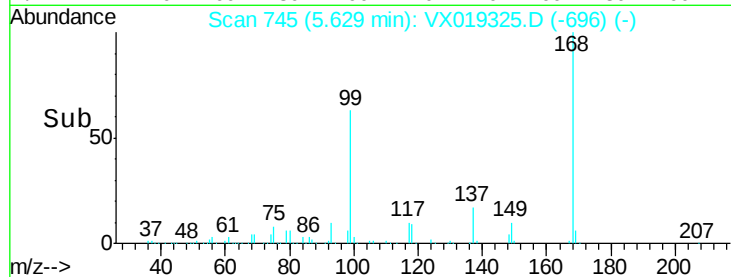
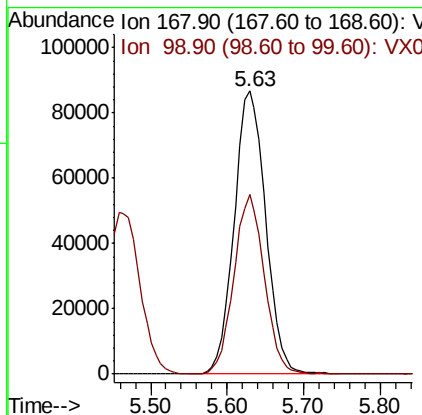
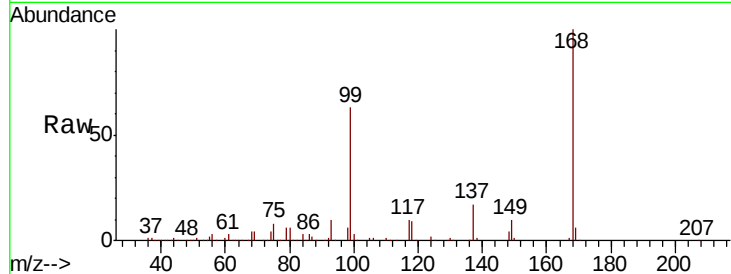
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	63.1	46.6	69.8

Manual Integrations
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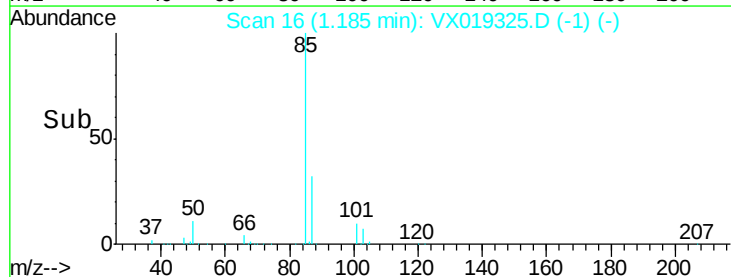
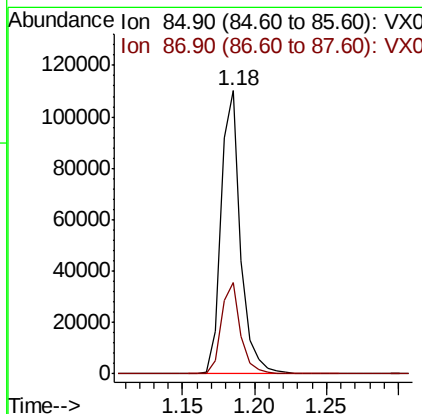
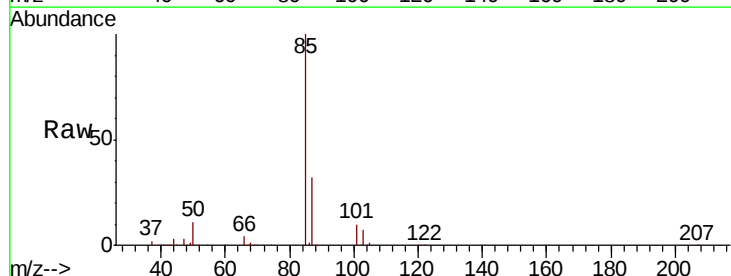
MMDadoda
 11/6/2020 9:23:22 AM

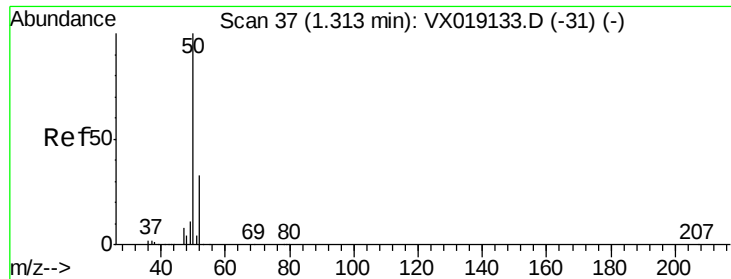


#2

Dichlorodifluoromethane
 Concen: 50.740 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.6	49.7





#3

Chloromethane

Concen: 54.635 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 50 Resp: 125981

Ion Ratio Lower Upper

50 100

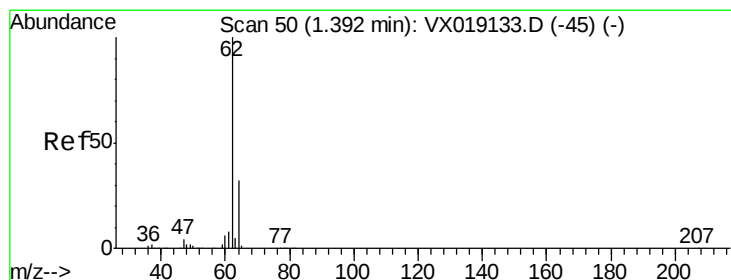
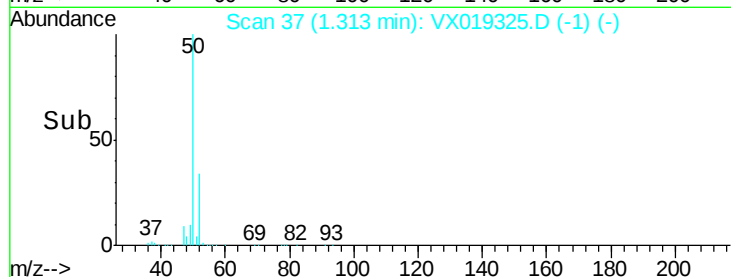
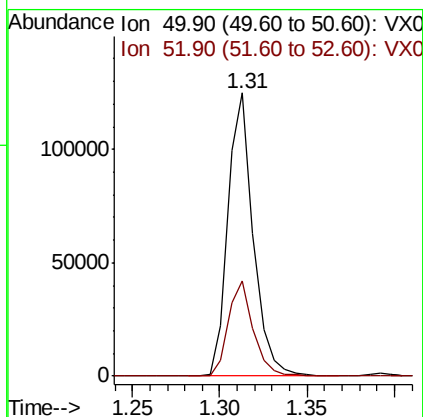
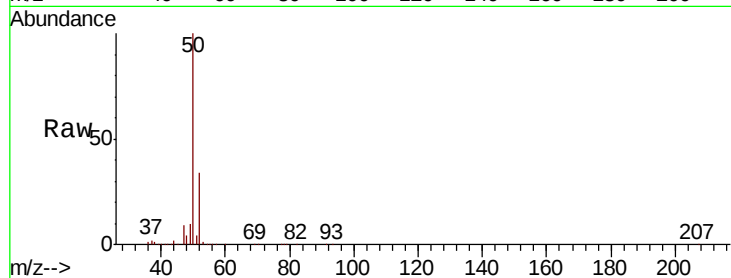
52 33.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 56.766 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019325.D

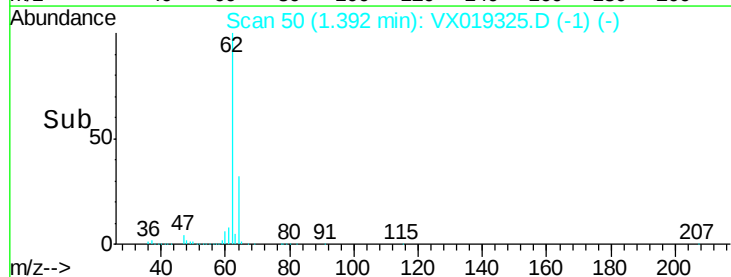
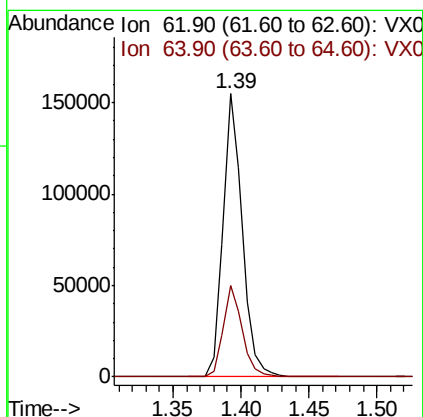
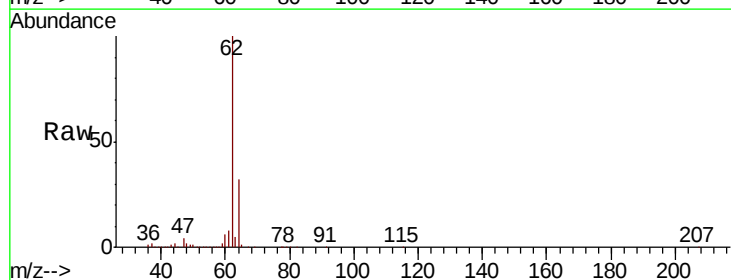
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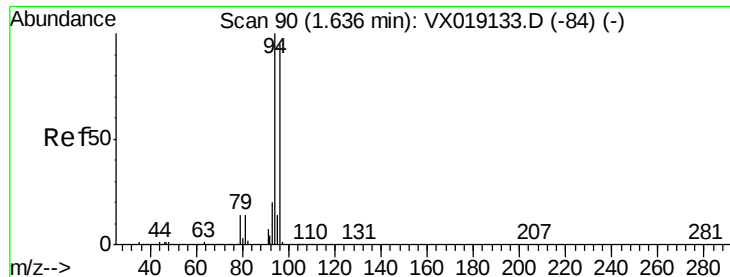
Tgt Ion: 62 Resp: 151800

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.0





#5

Bromomethane

Concen: 43.504 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

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Tot Ion: 94 Resp: 79450

Ion Ratio Lower Upper

94 100

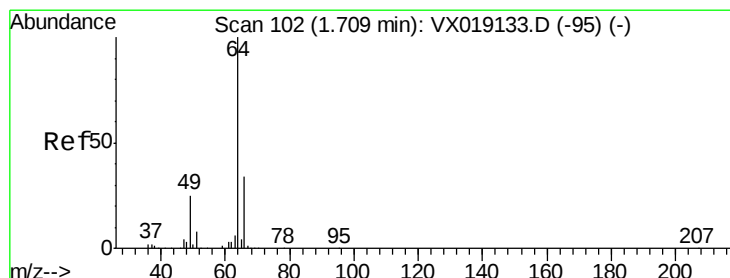
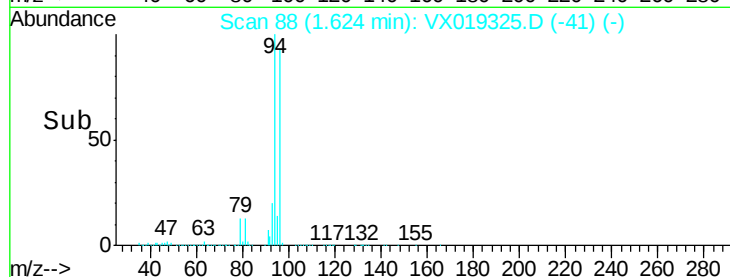
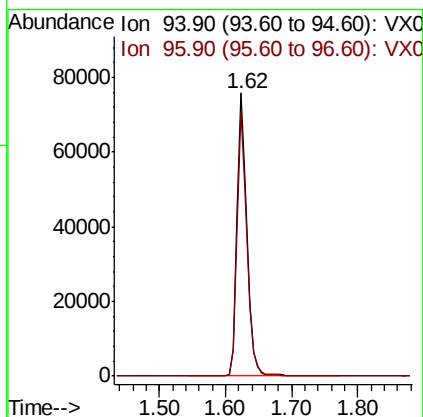
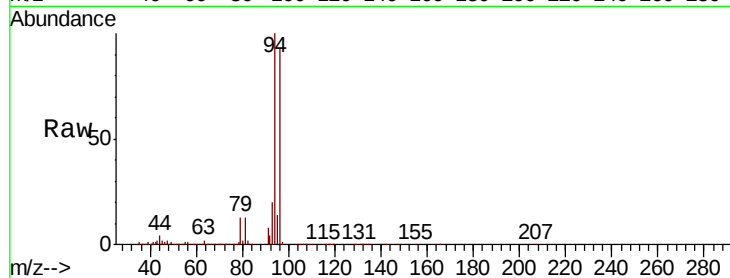
96 93.5 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 57.947 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019325.D

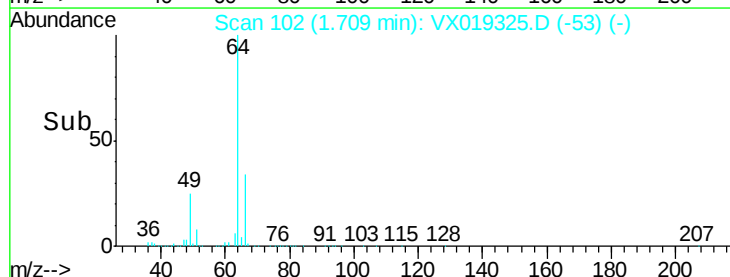
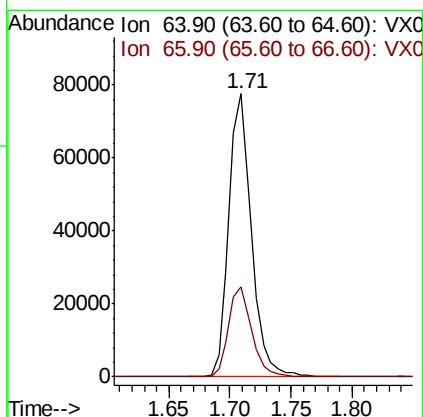
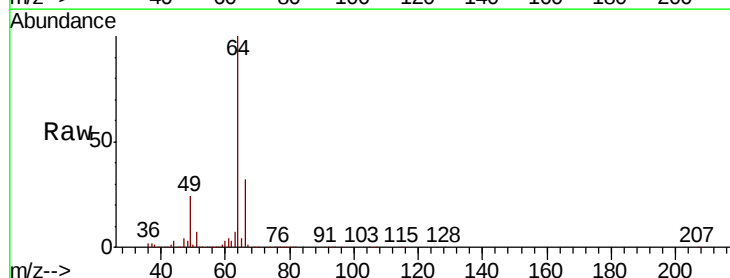
Acq: 05 Nov 2020 19:25

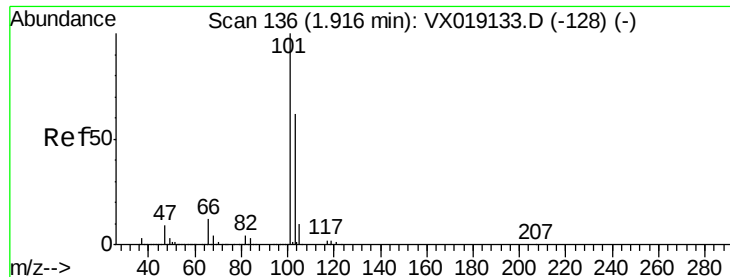
Tgt Ion: 64 Resp: 98939

Ion Ratio Lower Upper

64 100

66 32.0 27.1 40.7





#7

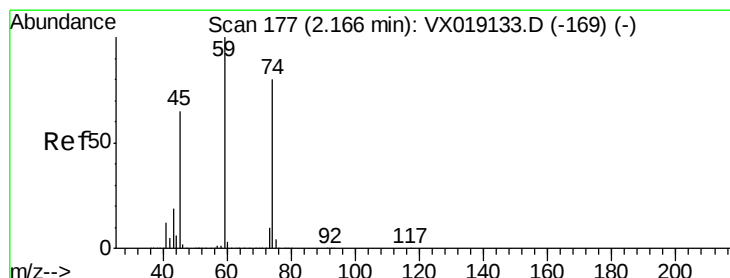
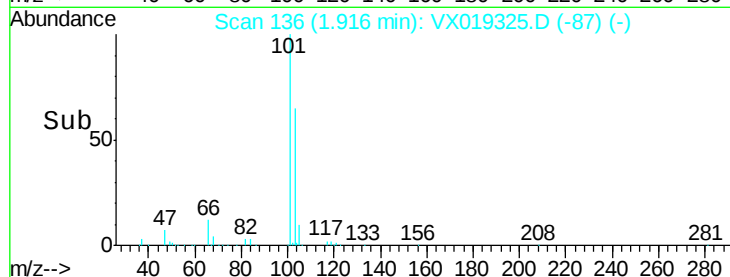
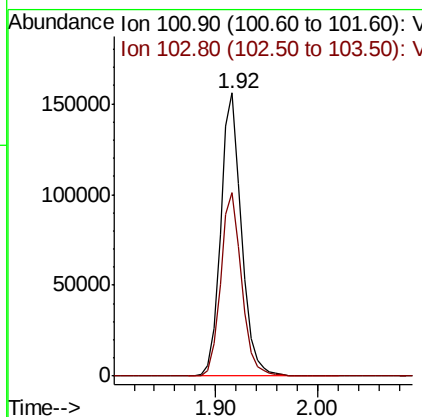
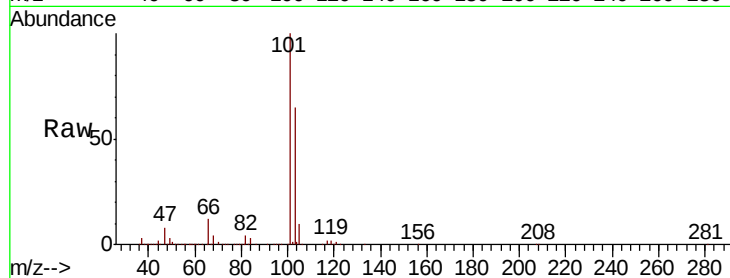
Trichlorofluoromethane
Concen: 52.654 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
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ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.0	75.0

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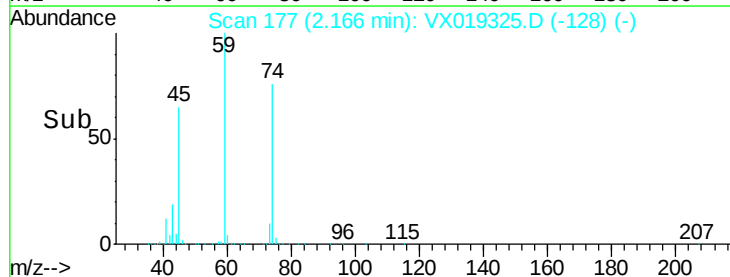
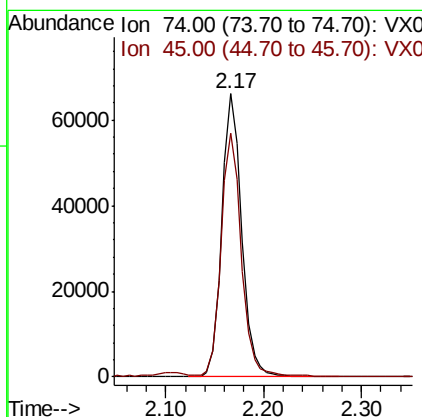
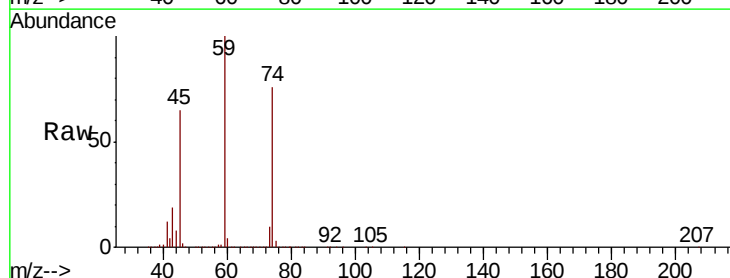
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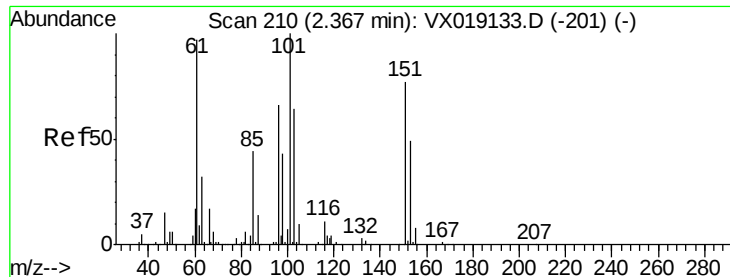


#8

Diethyl Ether
Concen: 57.769 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.9	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.838 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

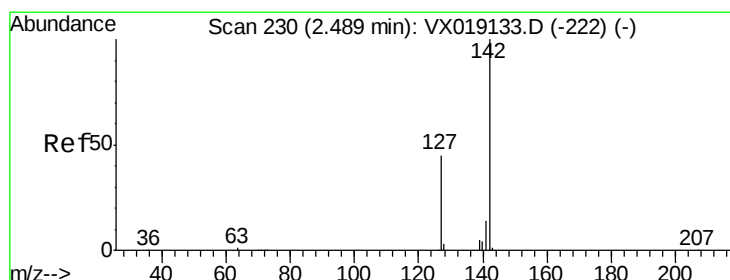
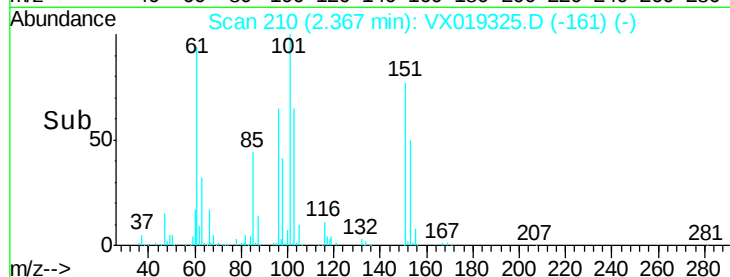
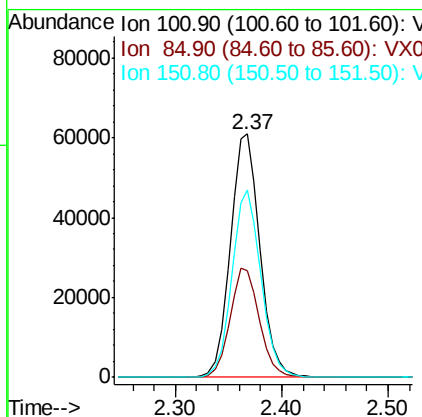
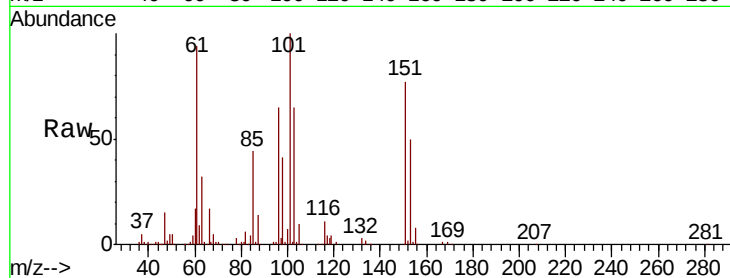
ClientSampleId :

FA2O-MMW3414MS

Tot Ion:	101	Resp:	118383
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.0	52.4
151	75.6	61.4	92.2

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#10

Methyl Iodide

Concen: 44.738 ug/l

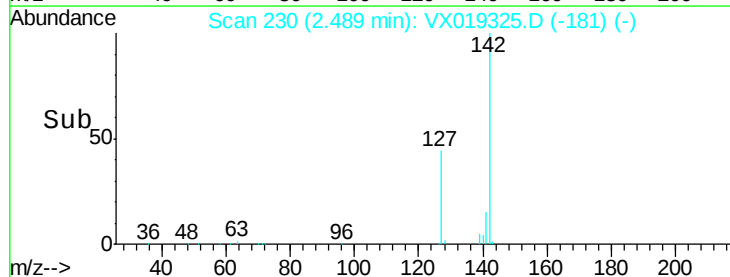
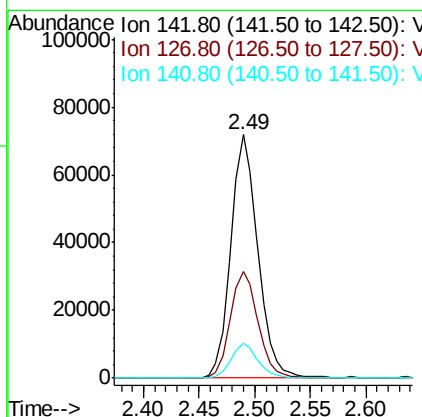
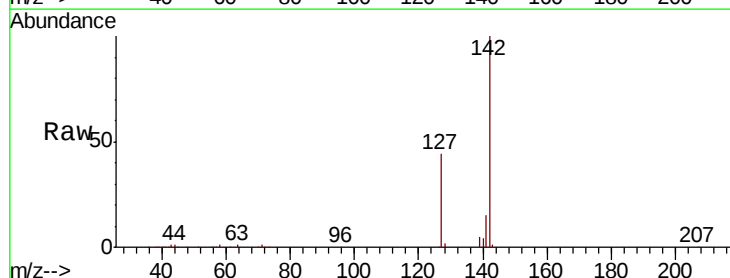
RT: 2.49 min Scan# 230

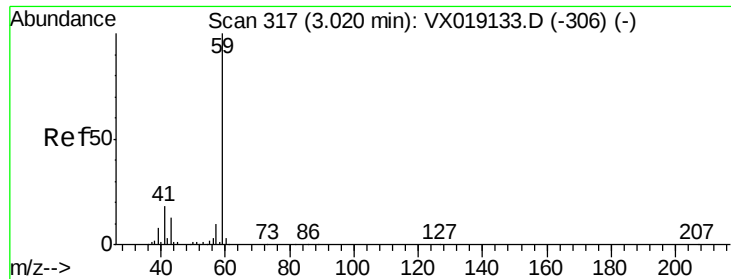
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:	142	Resp:	120851
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.1	54.1
141	14.2	11.3	16.9





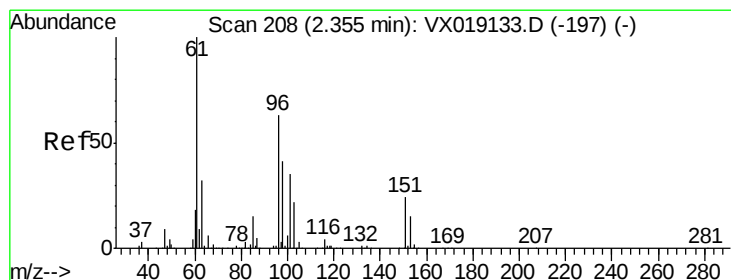
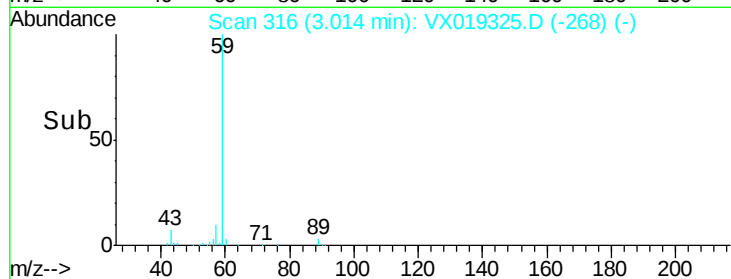
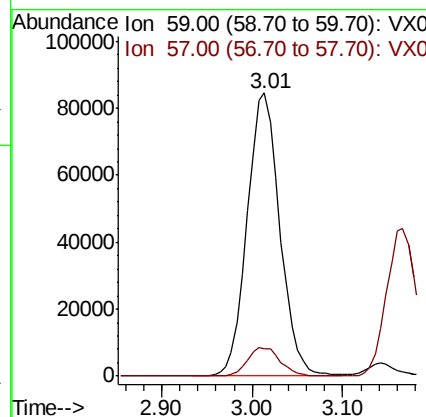
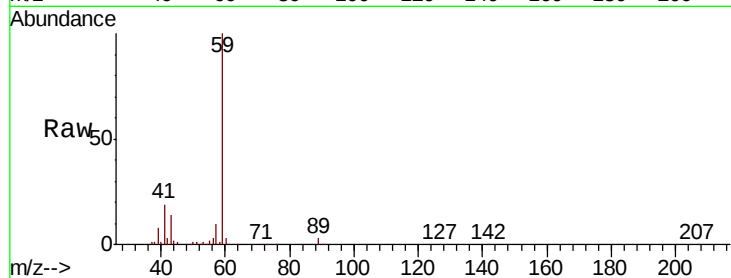
#11
Tert butyl alcohol
Concen: 334.989 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
59	100	211254		
57	10.3		8.4	12.6

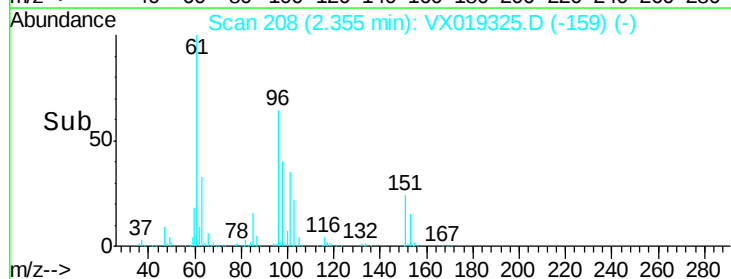
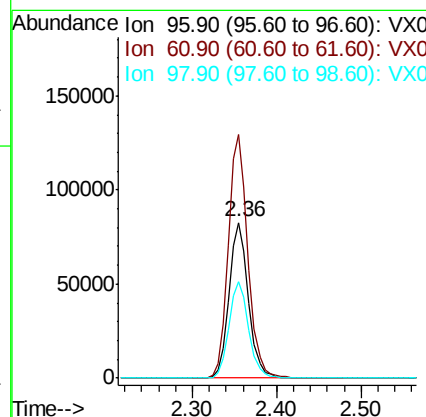
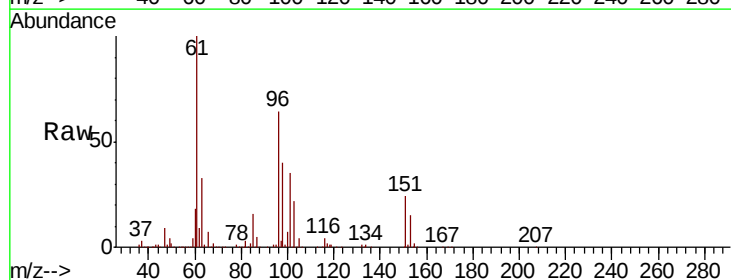
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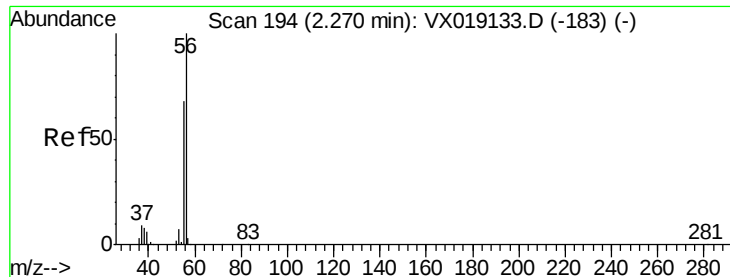
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#12
1,1-Dichloroethene
Concen: 54.126 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	129879		
61	156.1		127.7	191.5
98	61.7		52.1	78.1





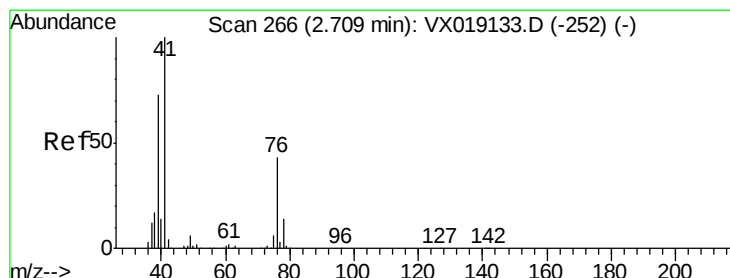
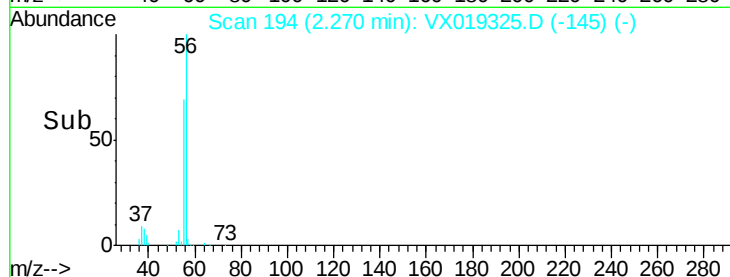
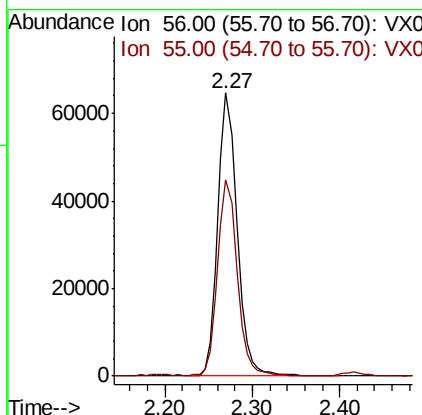
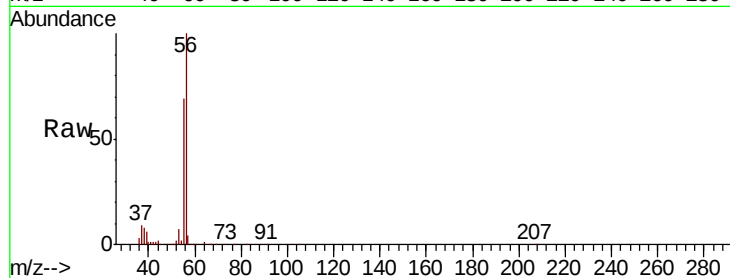
#13
Acrolein
Concen: 348.893 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.9	54.7	82.1

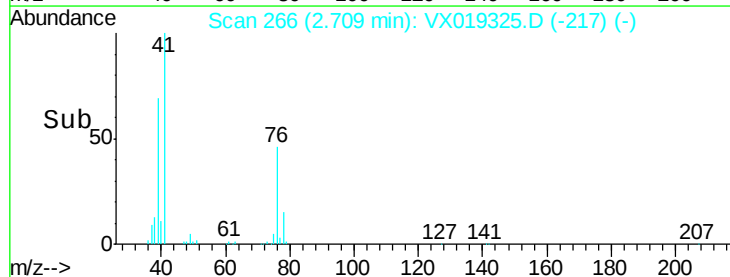
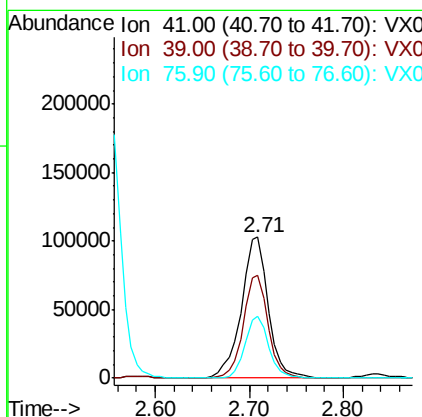
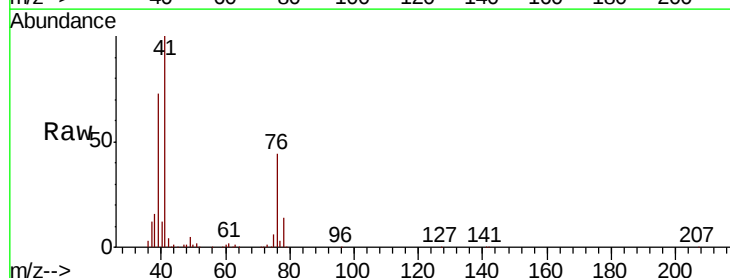
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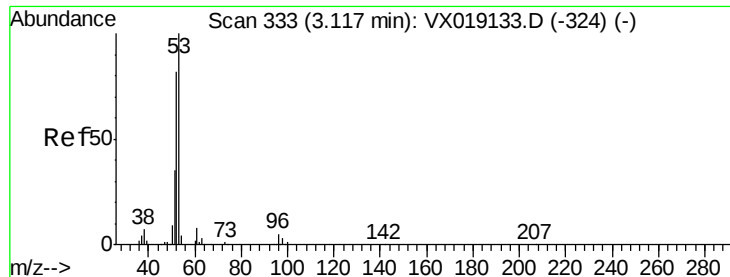
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#14
Allyl chloride
Concen: 56.418 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.0	55.2	82.8
76	38.9	31.5	47.3





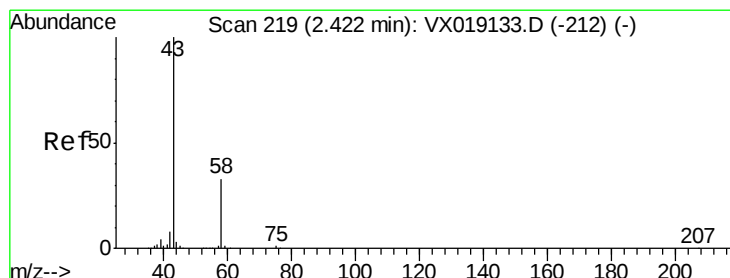
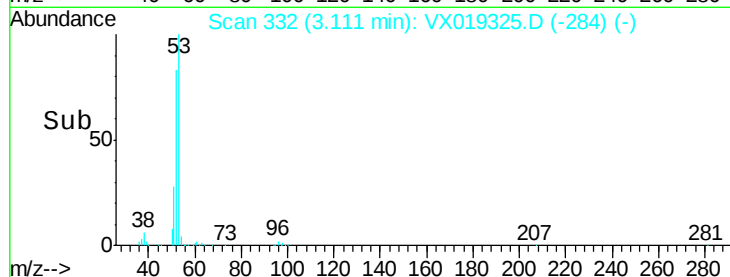
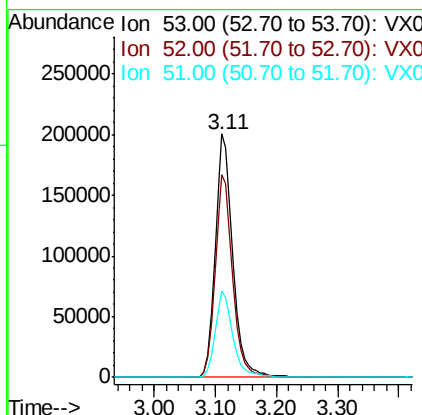
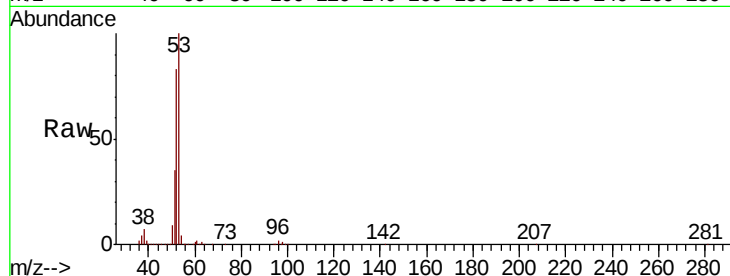
#15
 Acrylonitrile
 Concen: 307.544 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.7	98.5
51	35.6	28.4	42.6

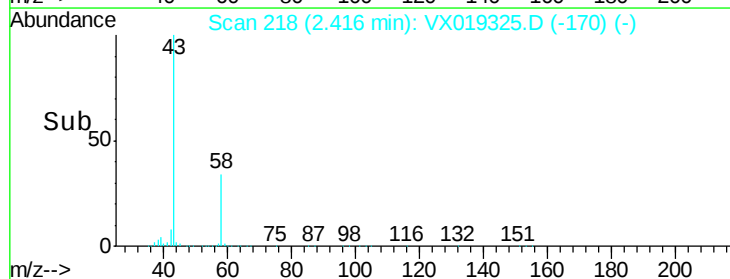
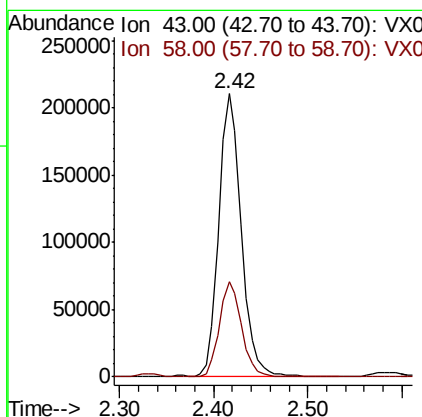
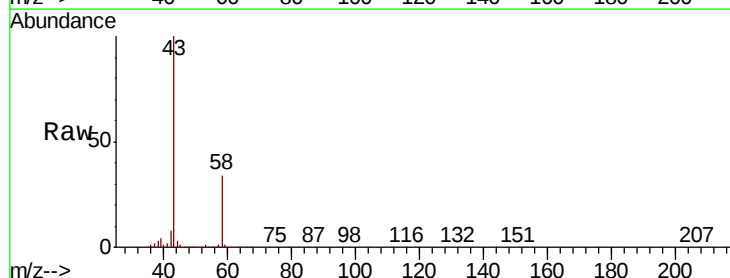
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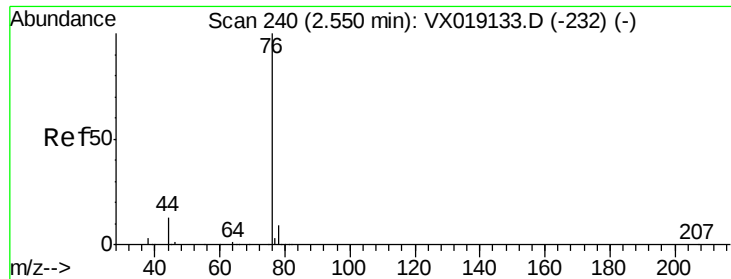
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#16
 Acetone
 Concen: 313.950 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.3	39.5





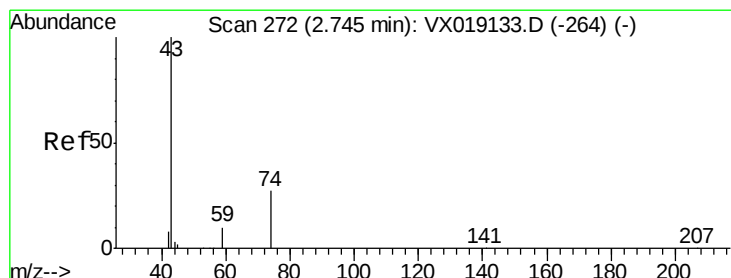
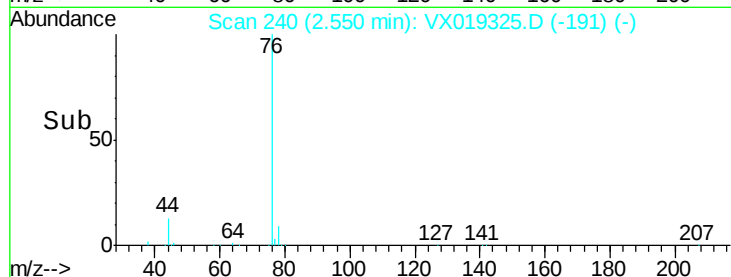
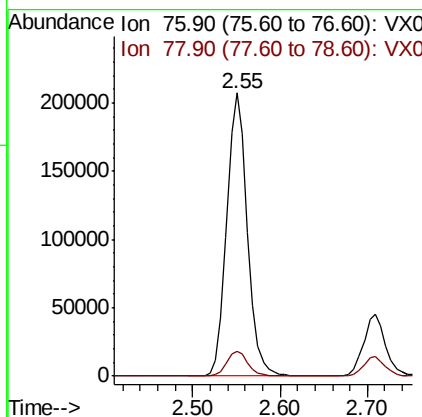
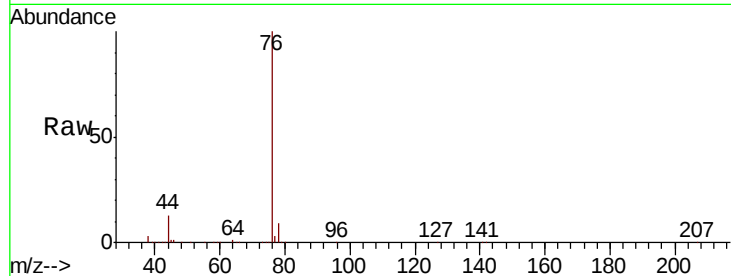
#17
Carbon Disulfide
Concen: 49.594 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

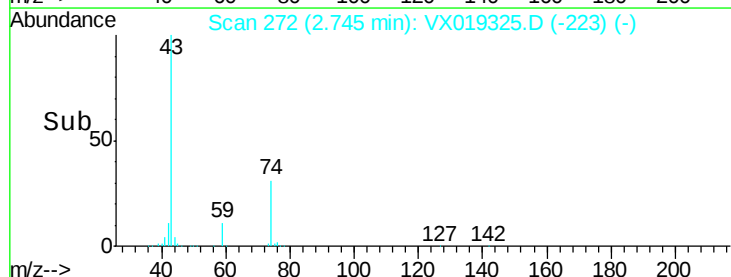
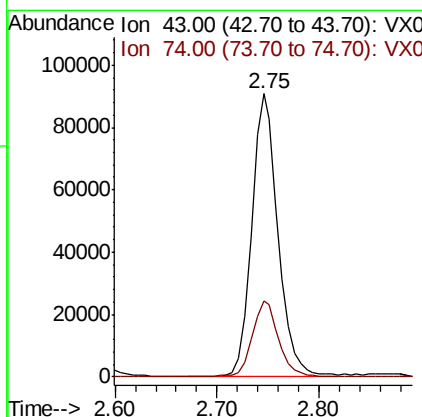
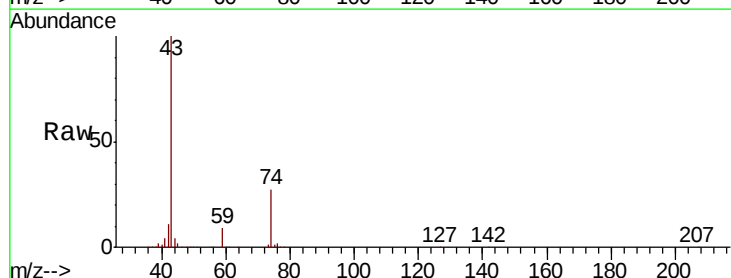
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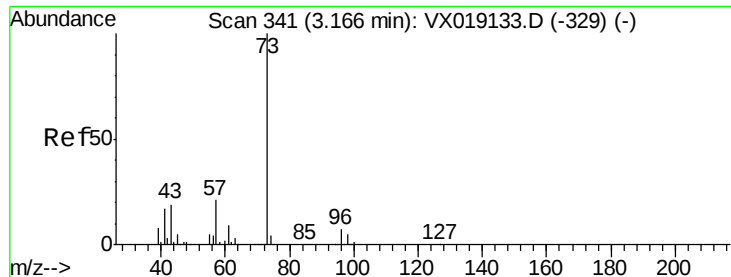
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#18
Methyl Acetate
Concen: 60.305 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	22.6	33.8





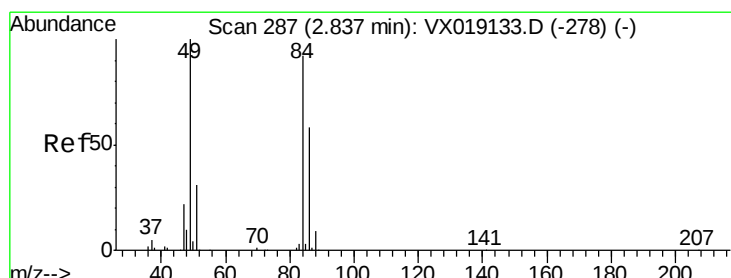
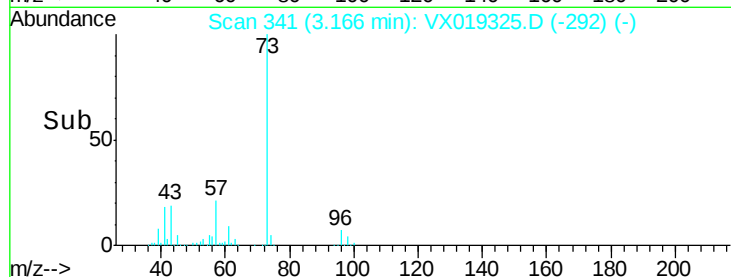
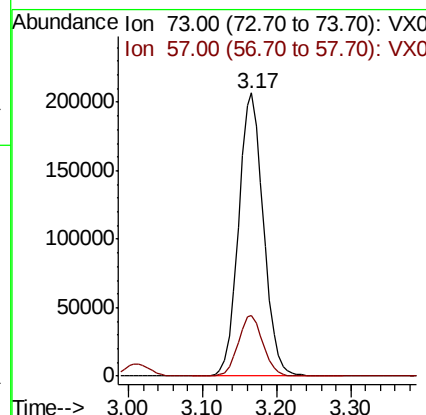
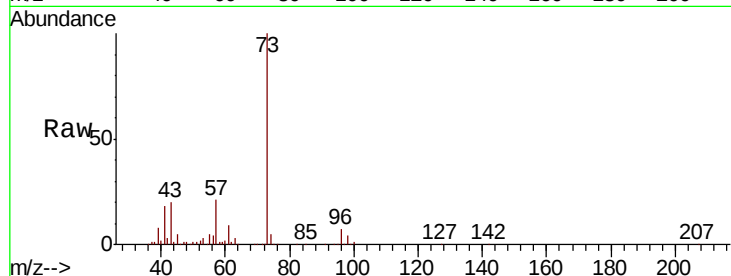
#19
Methvl tert-butvl Ether
Concen: 58.165 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.6	25.0

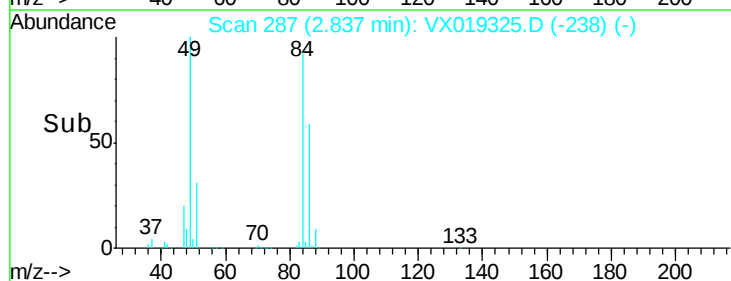
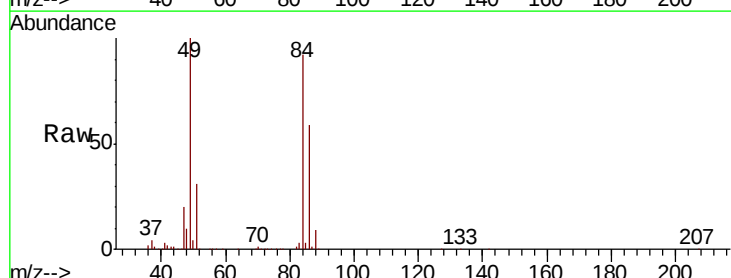
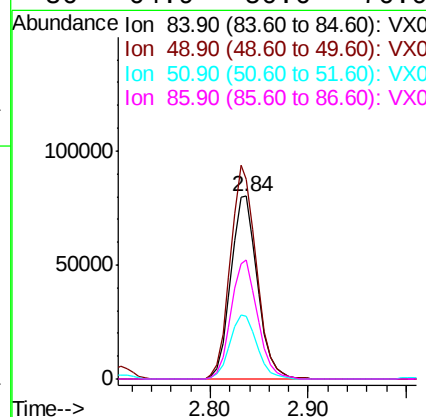
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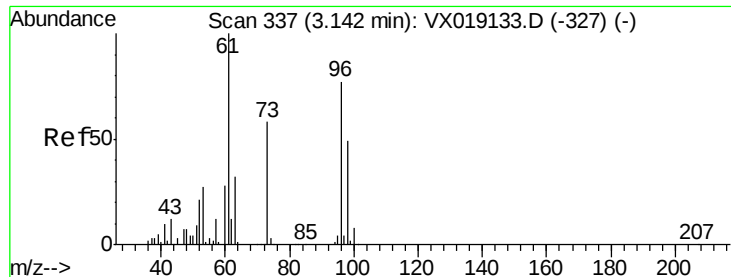
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#20
Methylene Chloride
Concen: 54.918 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.3	86.8	130.2
51	34.4	27.3	40.9
86	64.9	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 52.609 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

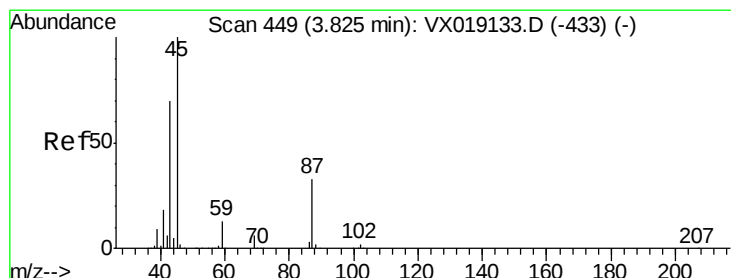
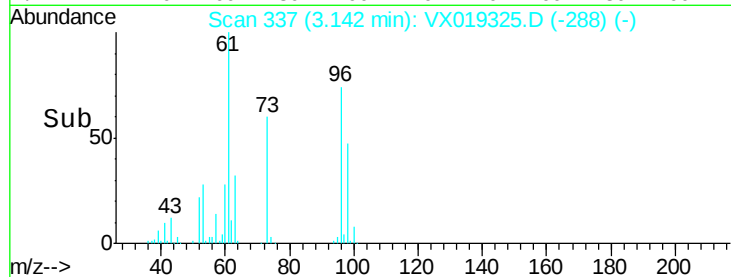
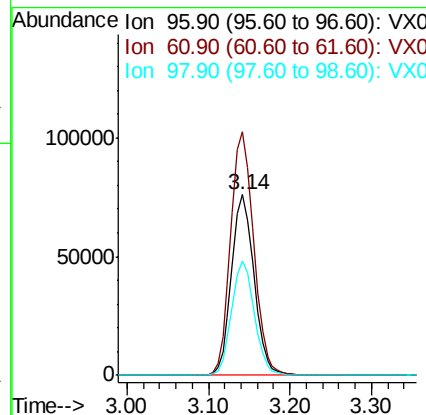
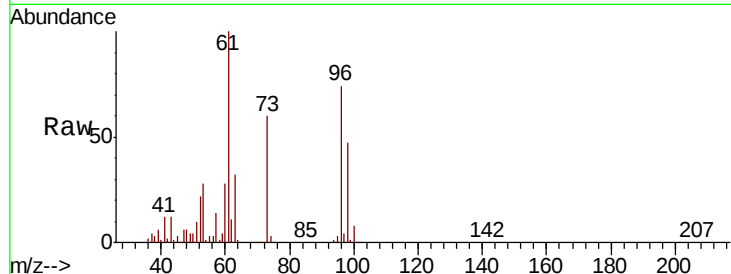
ClientSampleId :

FA2O-MMW3414MS

Tot Ion:	96	Resp:	145288
Ion	Ratio	Lower	Upper
96	100		
61	135.0	104.2	156.4
98	63.4	51.3	76.9

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#22

Diisopropyl ether

Concen: 60.185 ug/l

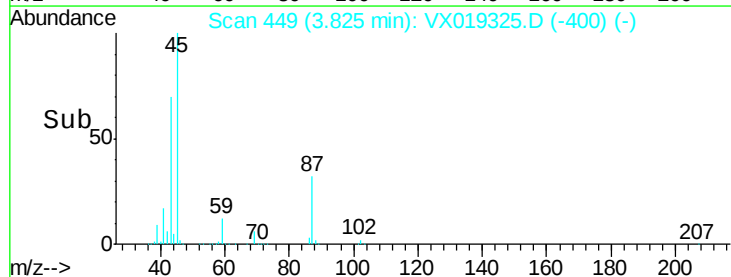
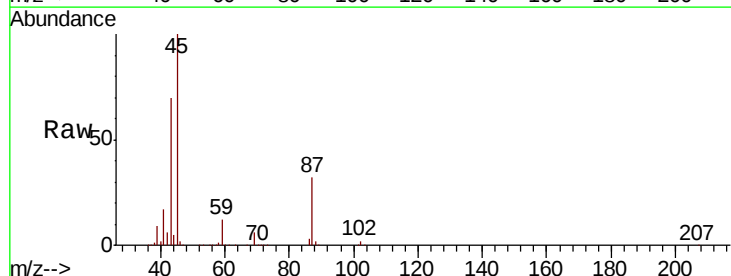
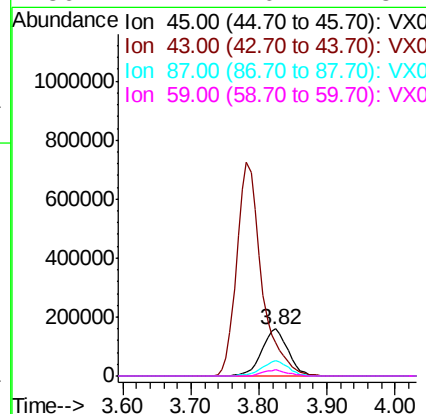
RT: 3.82 min Scan# 449

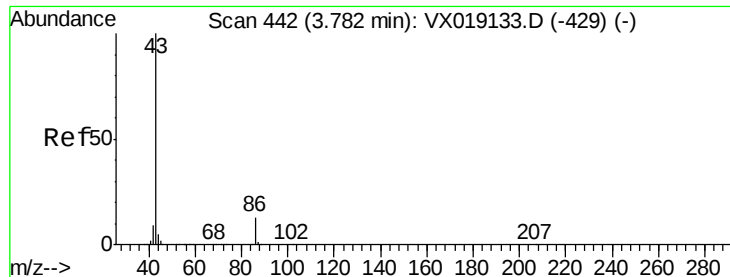
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:	45	Resp:	436092
Ion	Ratio	Lower	Upper
45	100		
43	70.3	56.2	84.4
87	31.4	26.2	39.2
59	12.4	10.1	15.1





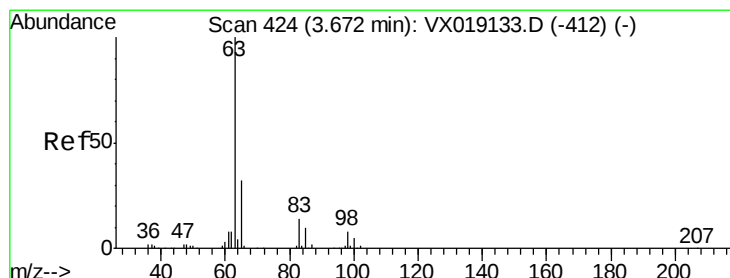
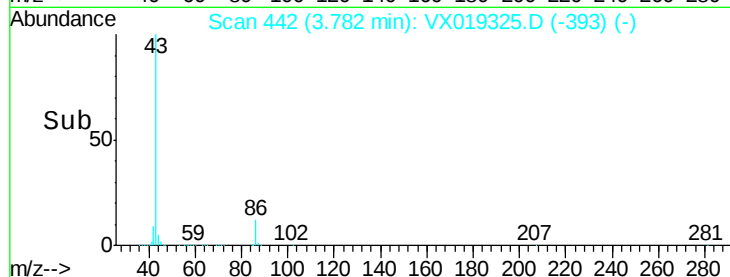
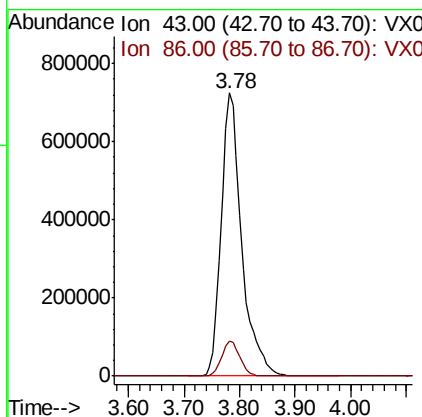
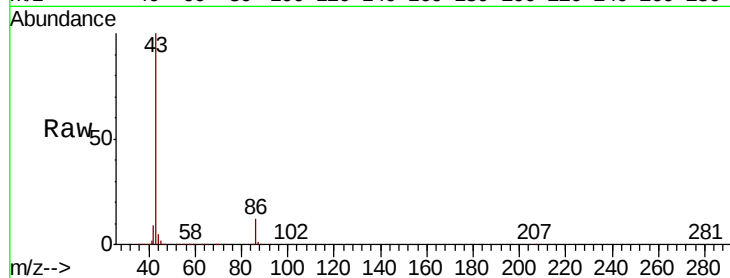
#23
 Vinyl Acetate
 Concen: 285.934 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
43	100		
86	12.4	10.4	15.6

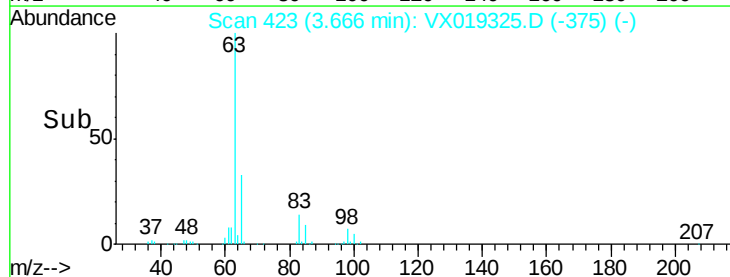
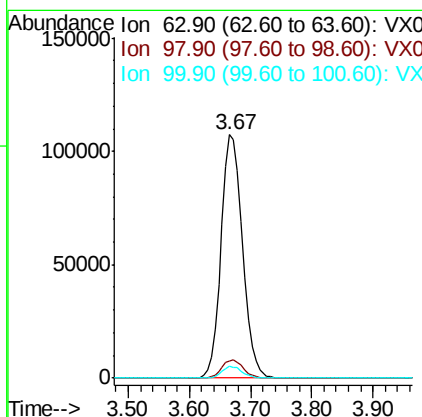
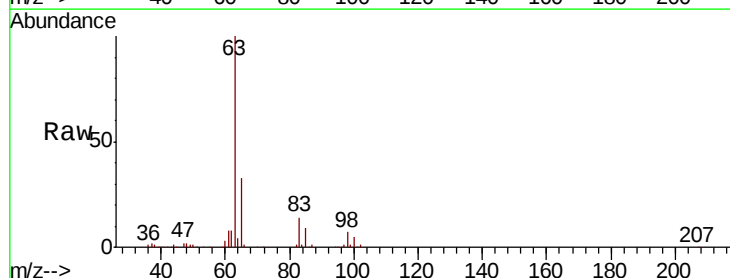
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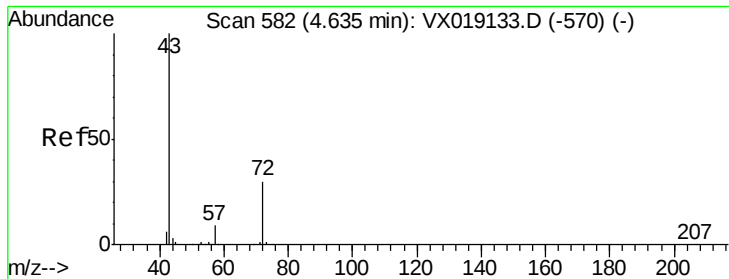
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#24
 1,1-Dichloroethane
 Concen: 57.647 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.8	11.4
100	4.9	2.4	7.2





#25

2-Butanone

Concen: 314.201 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 43 Resp: 545431

Ion Ratio Lower Upper

43 100

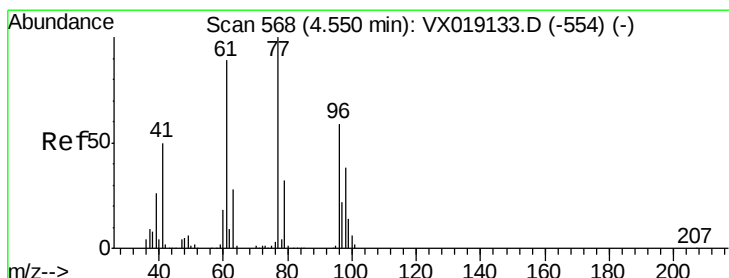
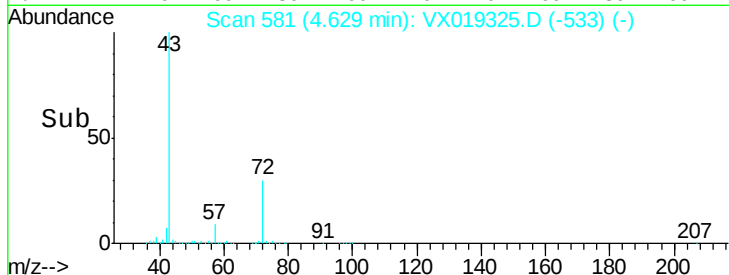
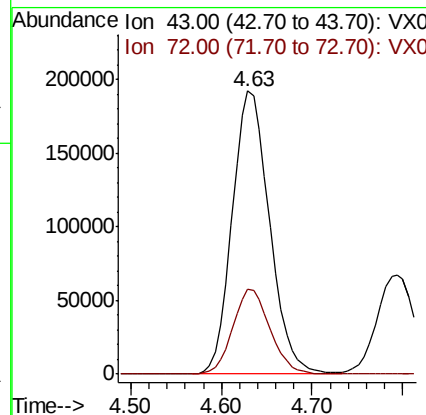
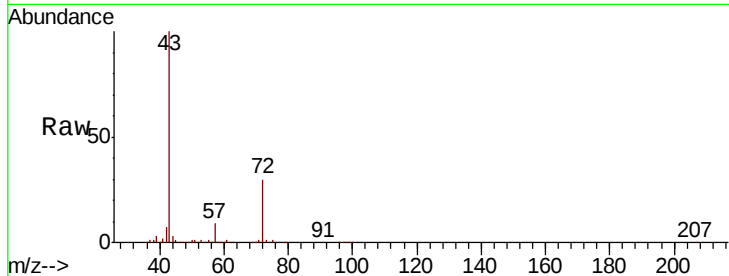
72 30.0 24.6 36.8

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#26

2,2-Dichloropropane

Concen: 46.021 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019325.D

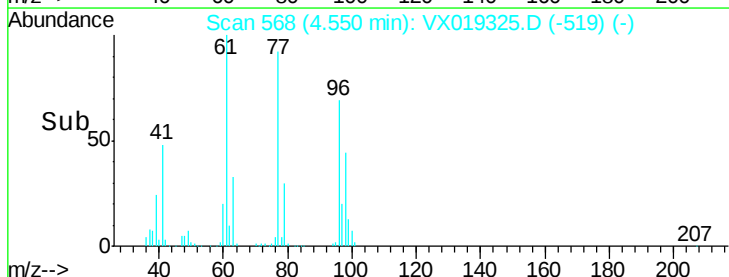
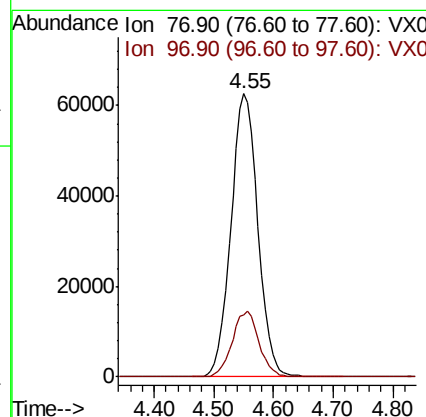
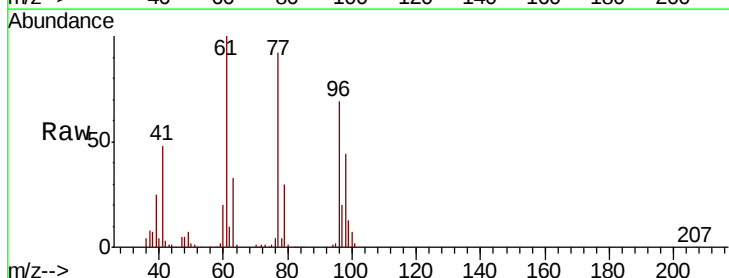
Acq: 05 Nov 2020 19:25

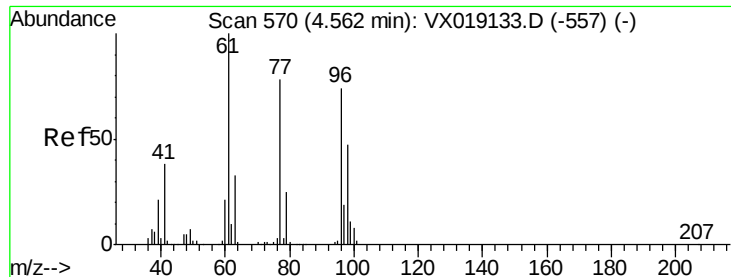
Tgt Ion: 77 Resp: 195729

Ion Ratio Lower Upper

77 100

97 23.1 11.4 34.1





#27

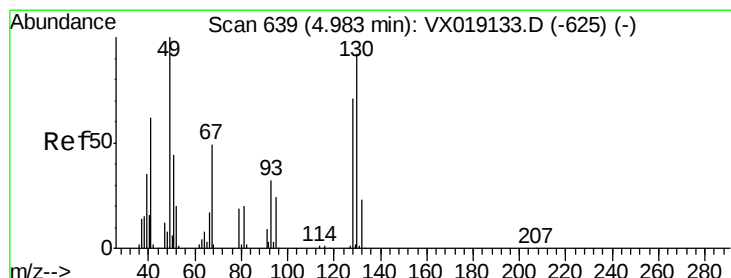
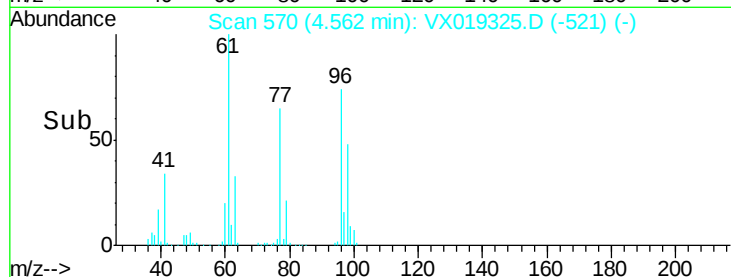
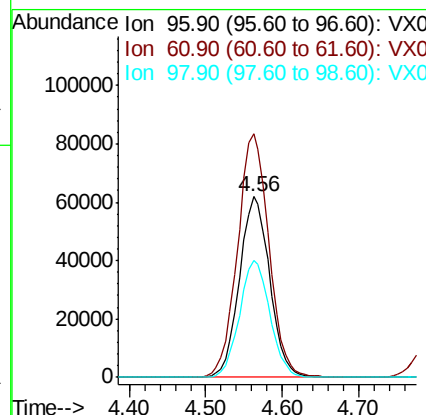
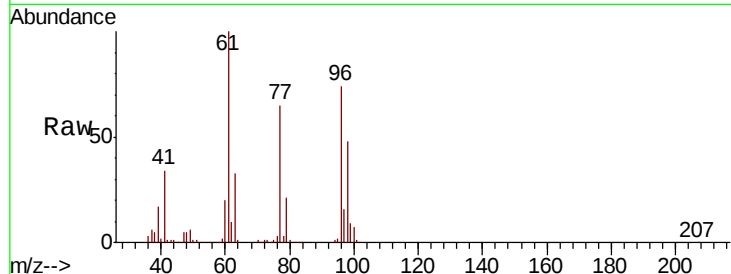
cis-1,2-Dichloroethene
Concen: 55.150 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	139.4	0.0	278.8	
98	64.9	0.0	130.2	

Manual Integrations
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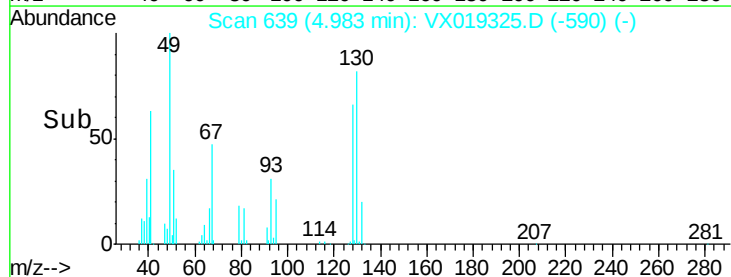
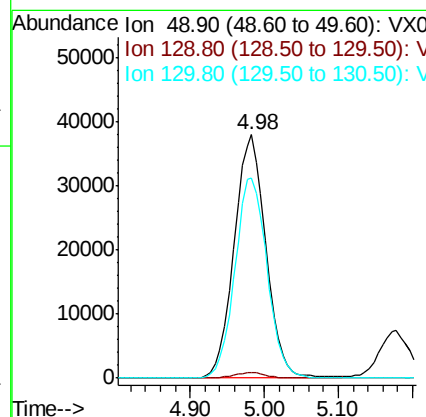
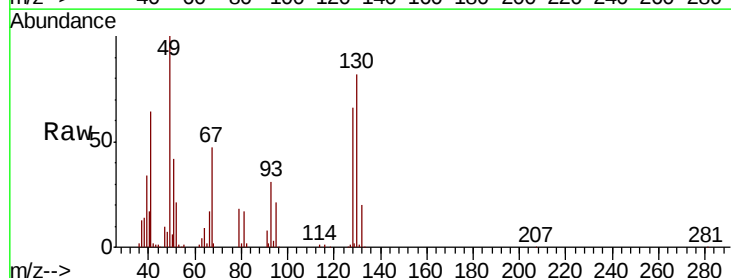
MMDadoda
11/6/2020 9:23:22 AM

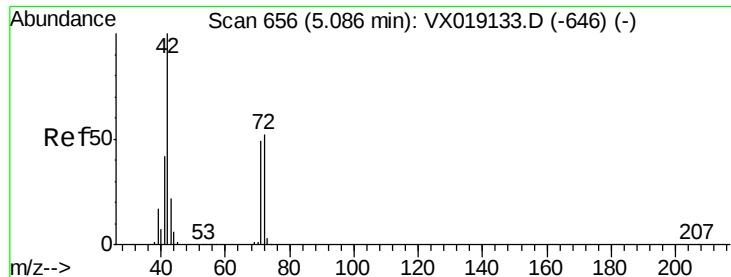


#28

Bromochloromethane
Concen: 55.264 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.4	
130	83.3	71.3	106.9	





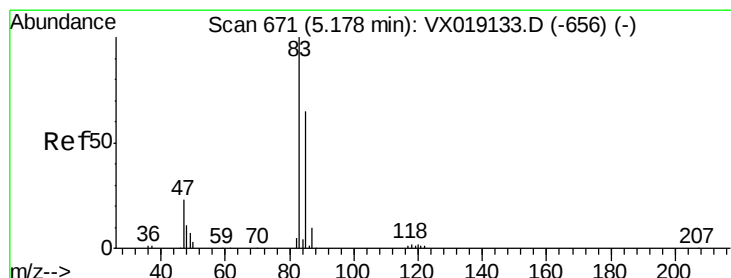
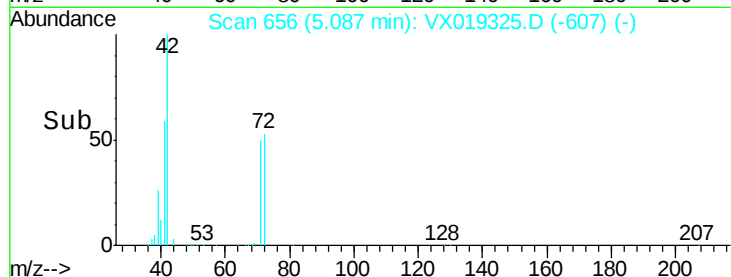
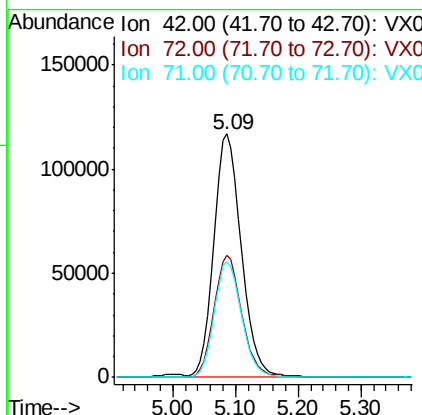
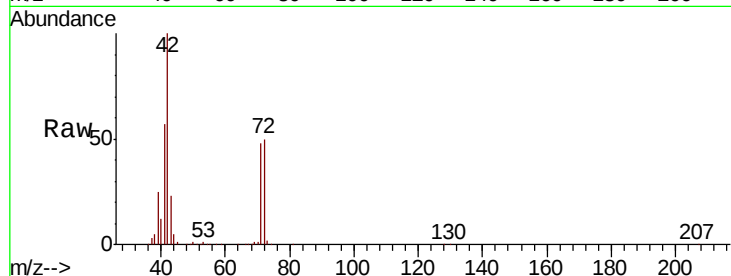
#29
Tetrahydrofuran
Concen: 322.818 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	42.6	63.8
71	47.7	39.7	59.5

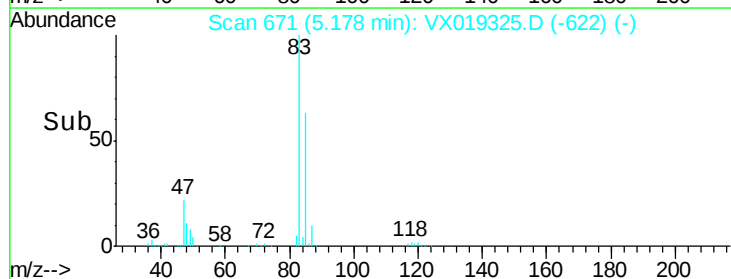
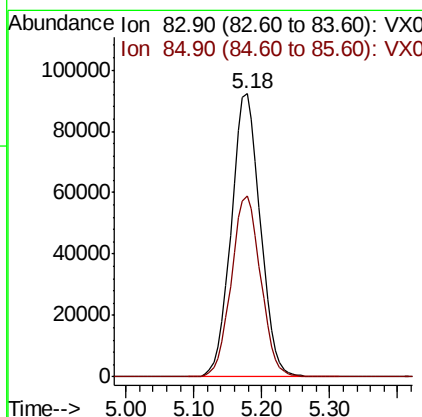
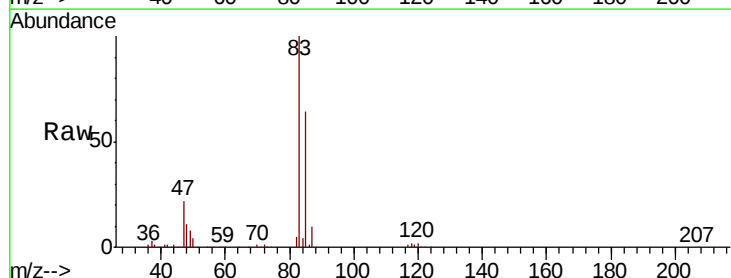
Manual Integrations
APPROVED

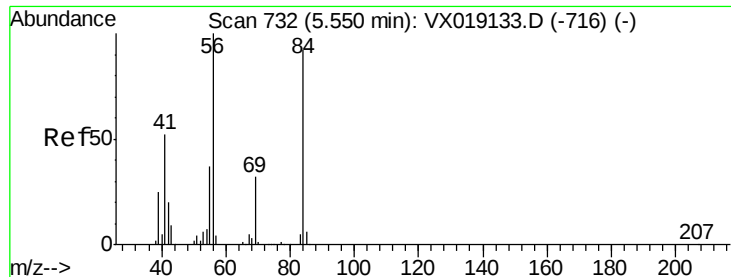
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11/6/2020 9:23:22 AM



#30
Chloroform
Concen: 56.760 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.9	77.9





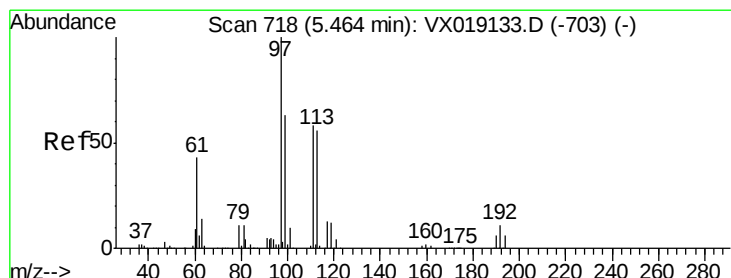
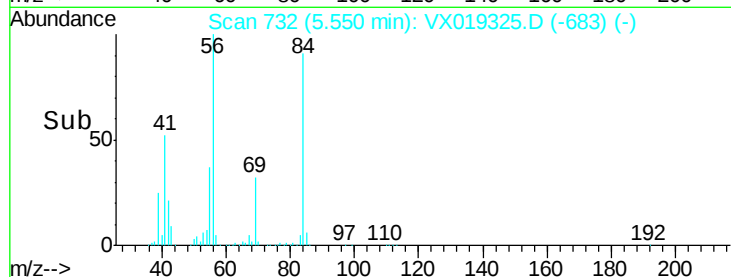
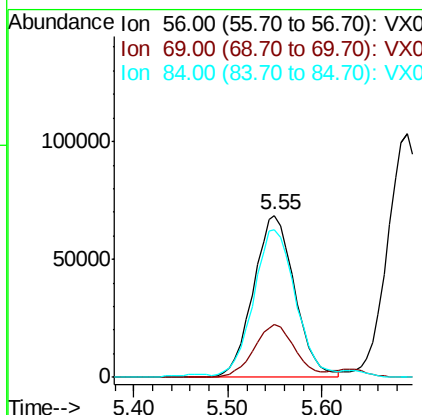
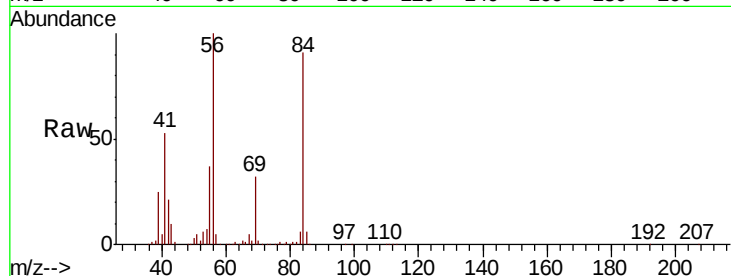
#31
Cyclohexane
Concen: 52.431 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.9	38.9
84	89.8	73.4	110.2

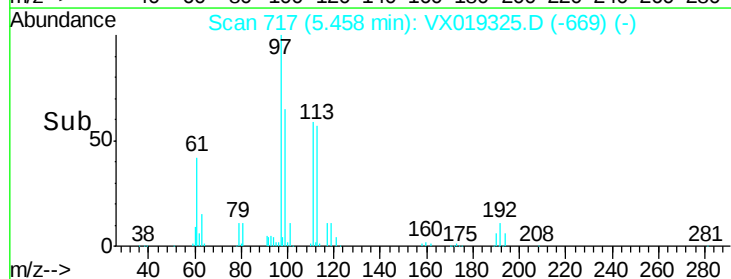
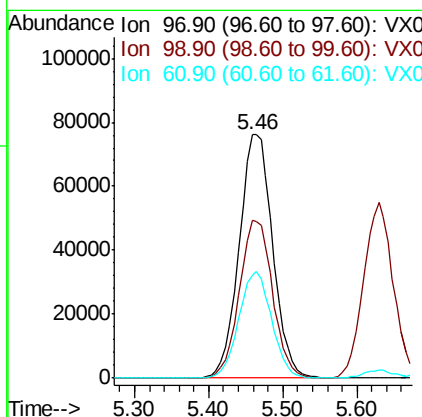
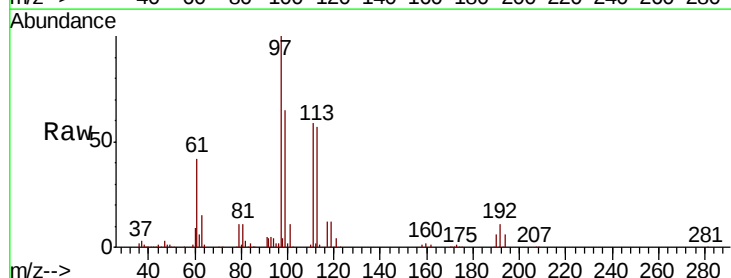
Manual Integrations
APPROVED

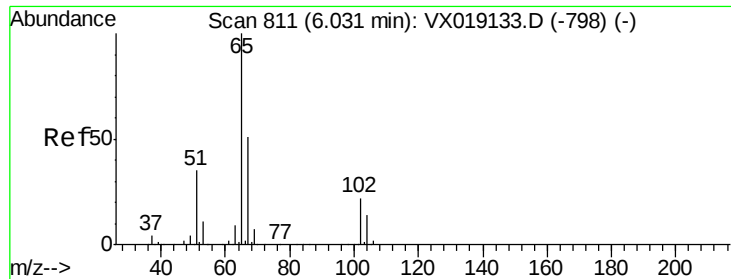
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 55.123 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	43.0	34.2	51.2





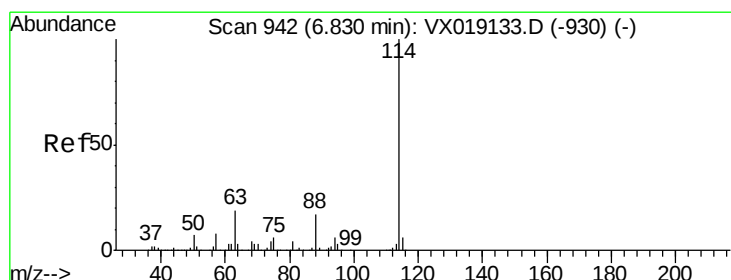
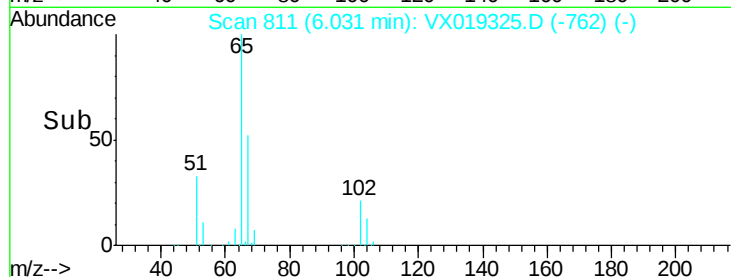
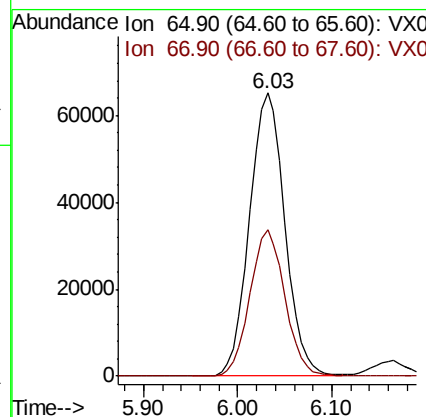
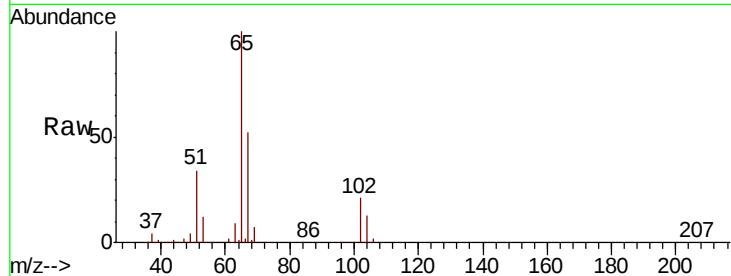
#33
 1,2-Dichloroethane-d4
 Concen: 53.569 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.9	0.0	103.0

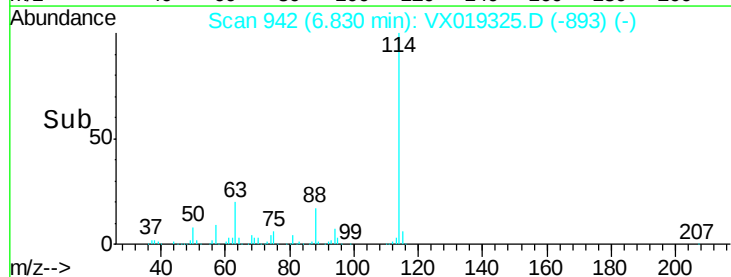
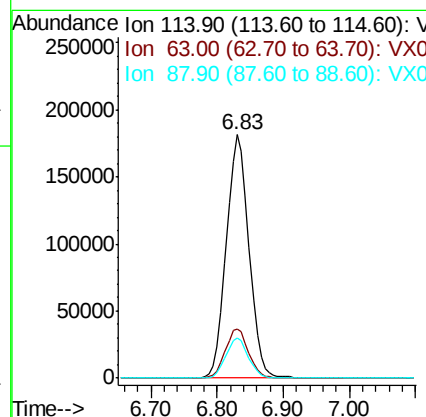
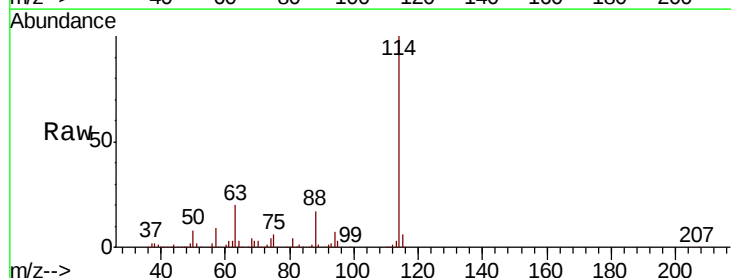
Manual Integrations
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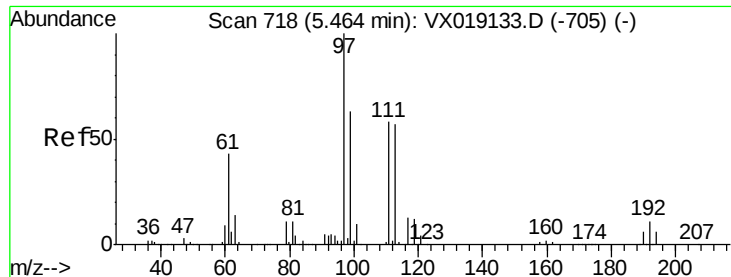
MMDadoda
 11/6/2020 9:23:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.8
88	16.6	0.0	34.2





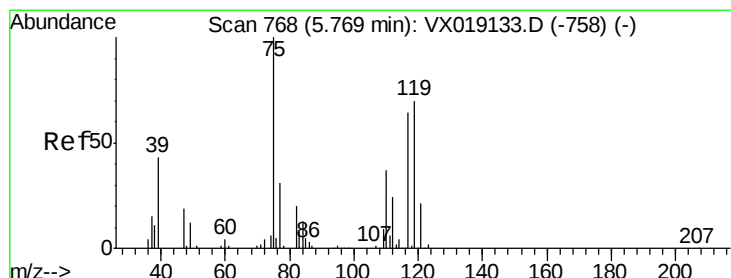
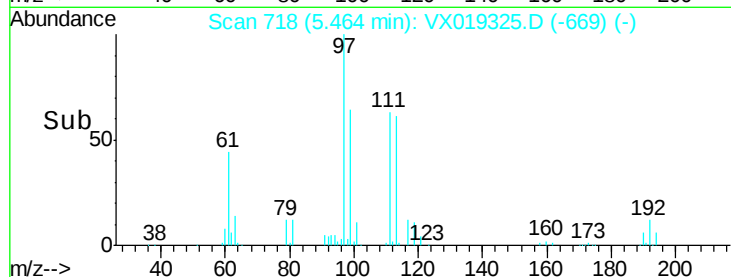
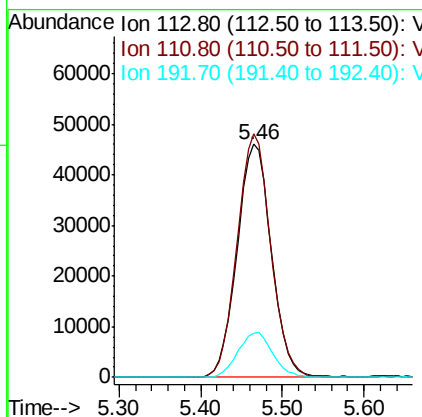
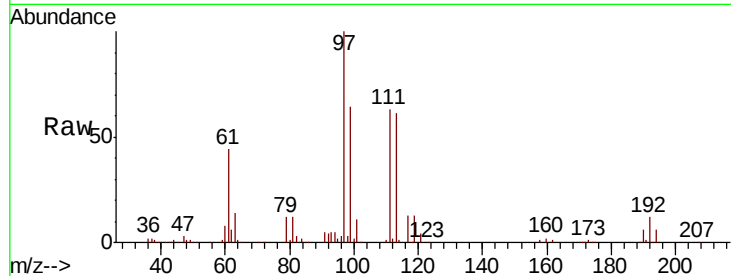
#35
Dibromofluoromethane
Concen: 49.634 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	133996		
111	102.7	82.3	123.5	
192	19.6	16.2	24.2	

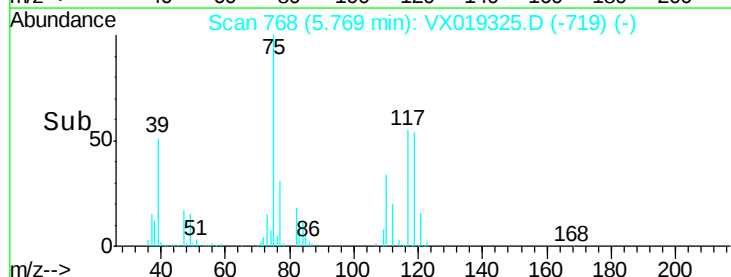
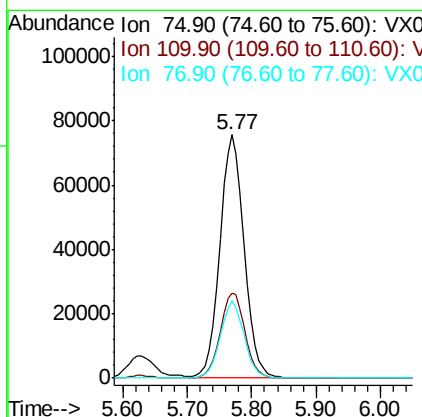
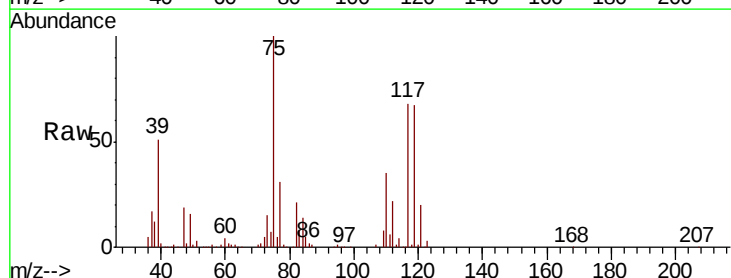
Manual Integrations
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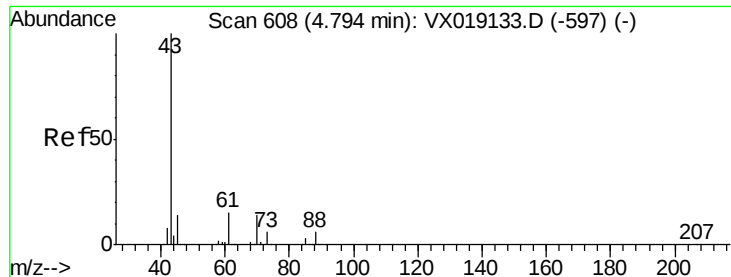
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#36
1,1-Dichloropropene
Concen: 50.710 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201256		
110	35.6	18.3	54.9	
77	31.2	24.9	37.3	





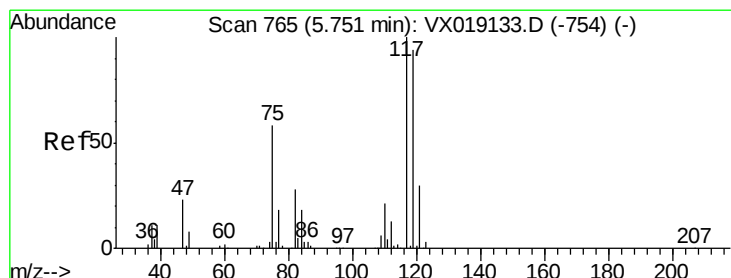
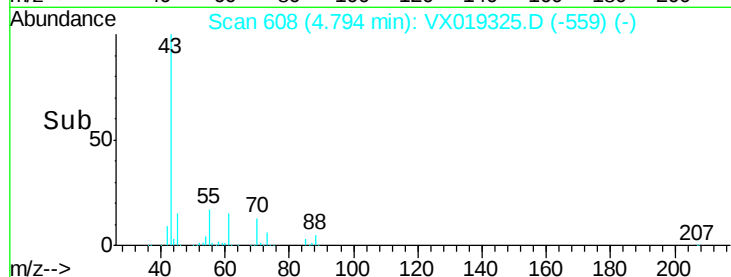
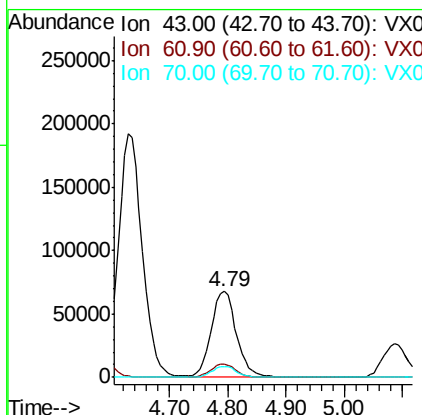
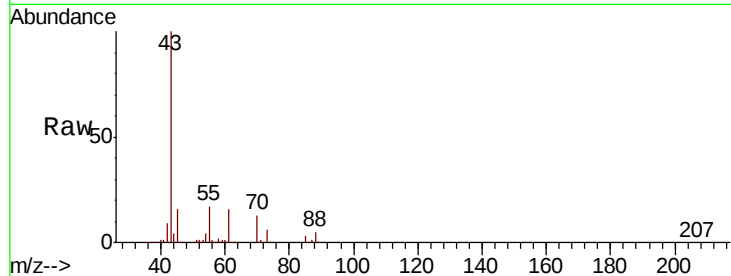
#37
Ethyl Acetate
Concen: 54.939 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.5	18.7
70	12.8	10.5	15.7

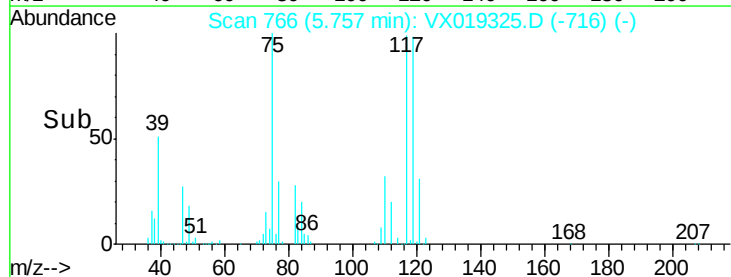
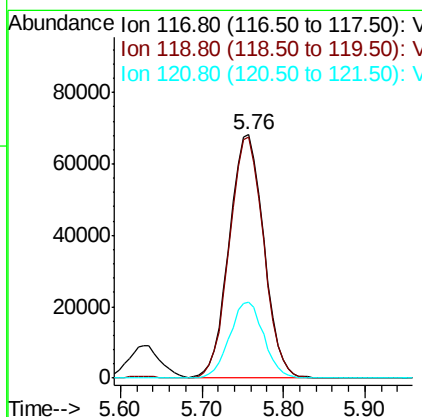
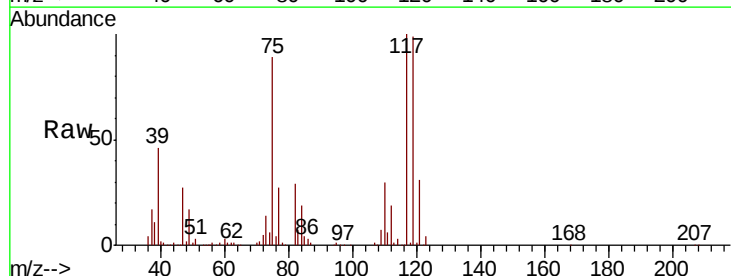
Manual Integrations
APPROVED

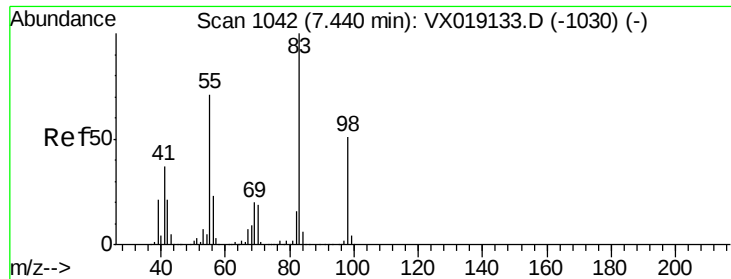
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#38
Carbon Tetrachloride
Concen: 49.559 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	75.0	112.6
121	31.4	23.9	35.9





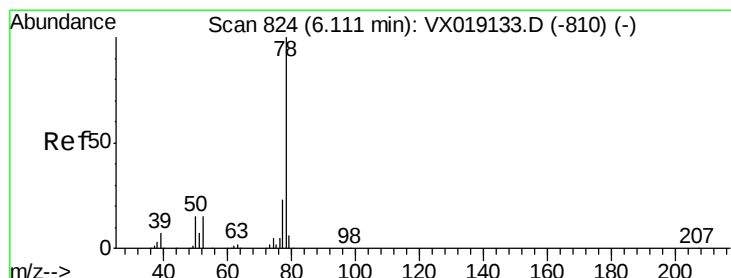
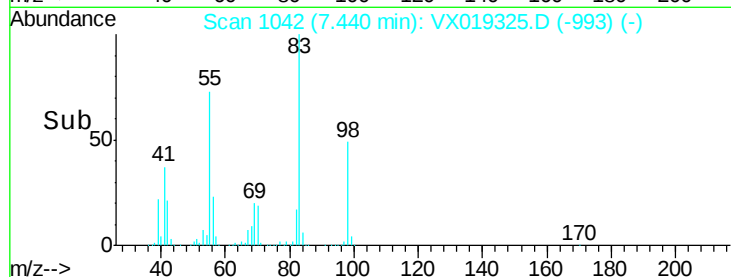
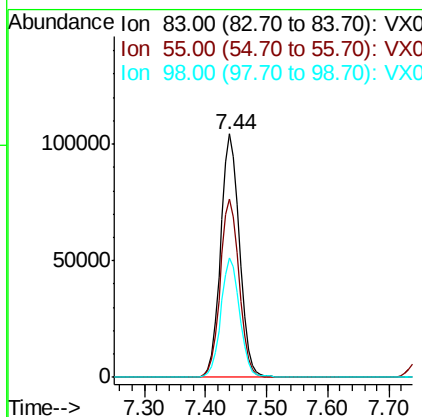
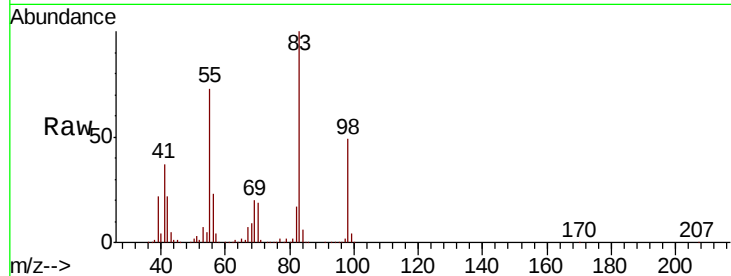
#39
Methvlcvclohexane
Concen: 47.244 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	224196		
55	73.3		57.0	85.6
98	48.8		40.5	60.7

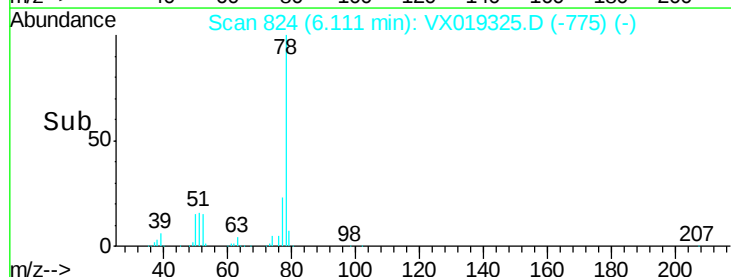
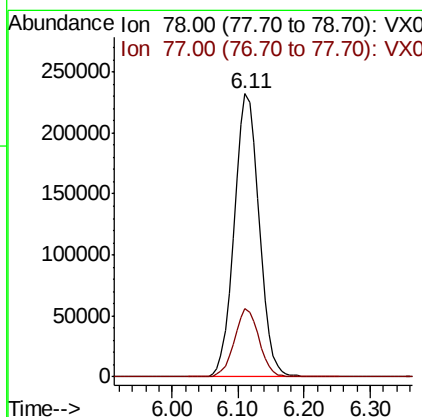
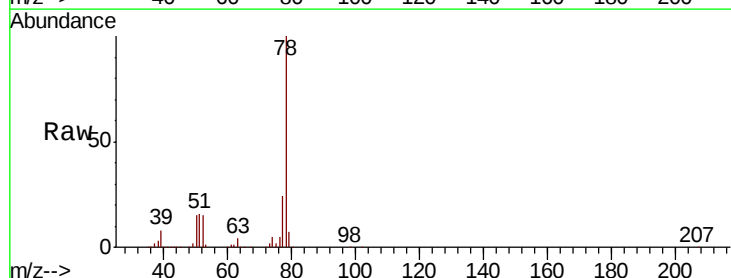
Manual Integrations
APPROVED

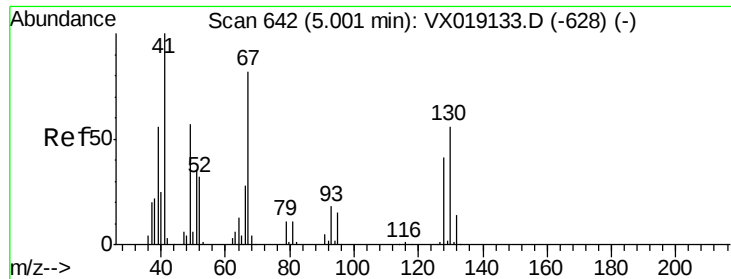
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#40
Benzene
Concen: 53.836 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	605806		
77	24.1		18.7	28.1





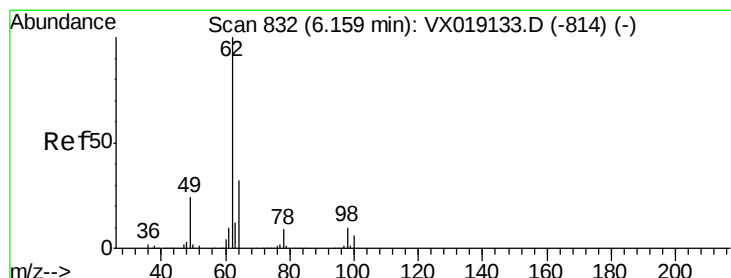
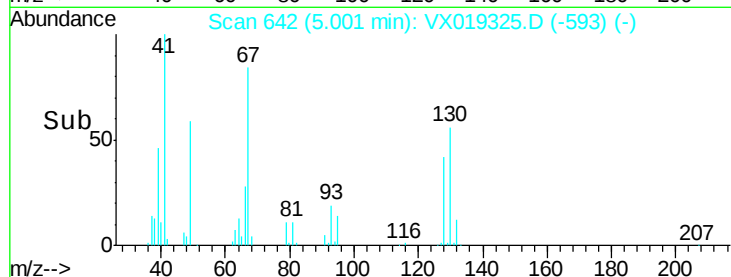
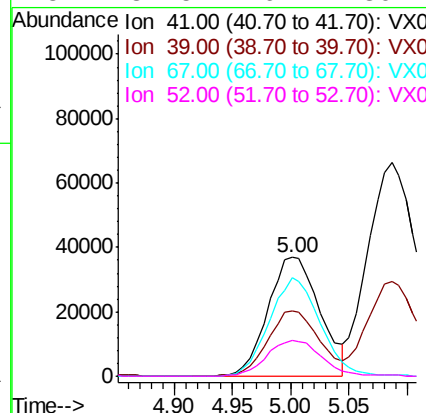
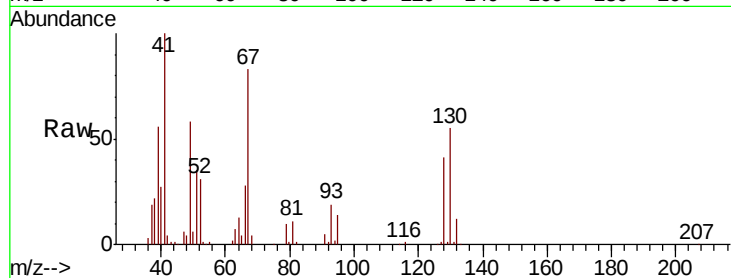
#41
Methacrylonitrile
Concen: 57.119 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	44.4	66.6	
67	82.0	66.4	99.6	
52	32.5	26.2	39.4	

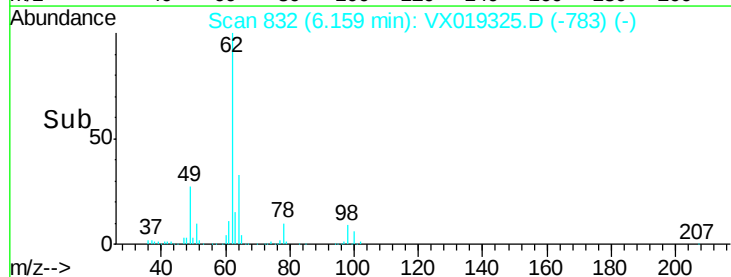
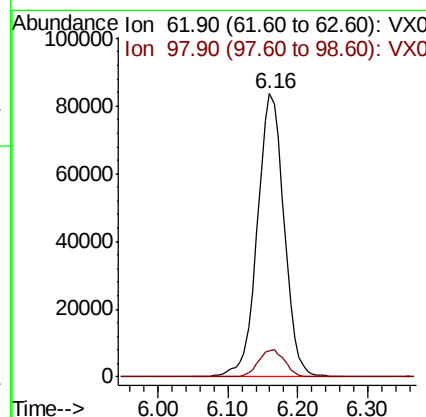
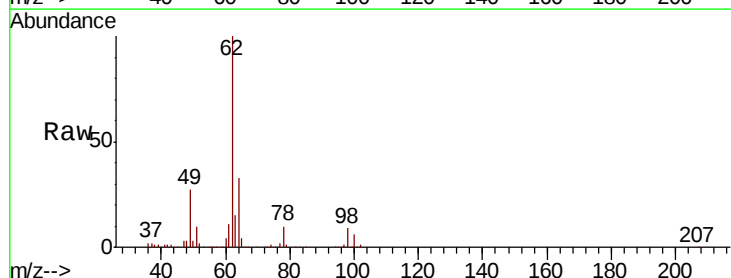
Manual Integrations
APPROVED

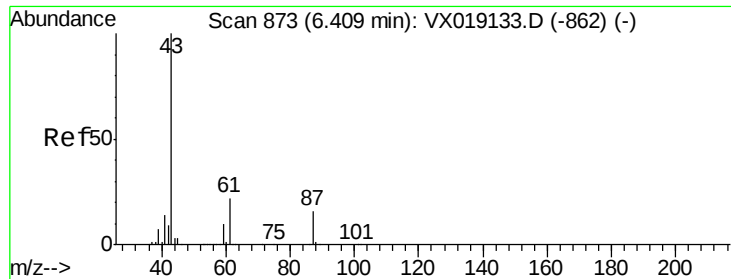
MMDadoda
11/6/2020 9:23:22 AM



#42
1,2-Dichloroethane
Concen: 53.614 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.0	





#43

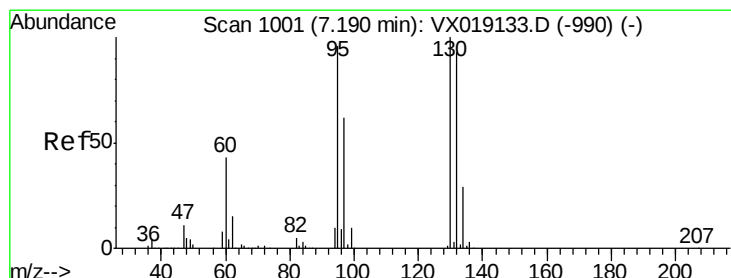
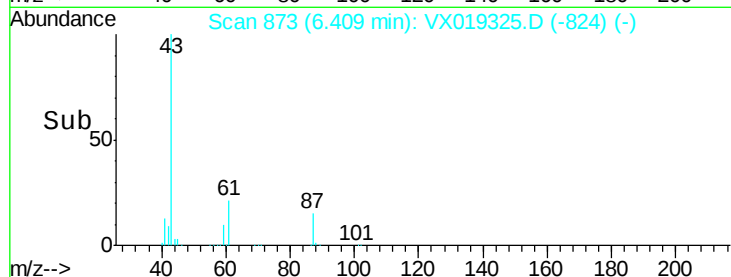
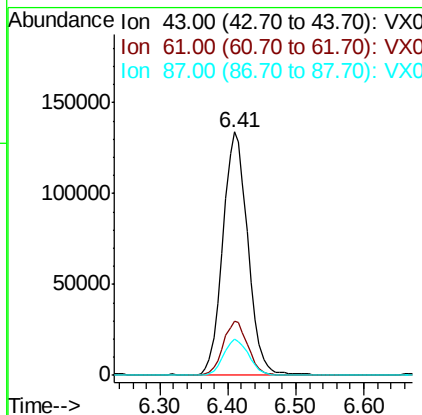
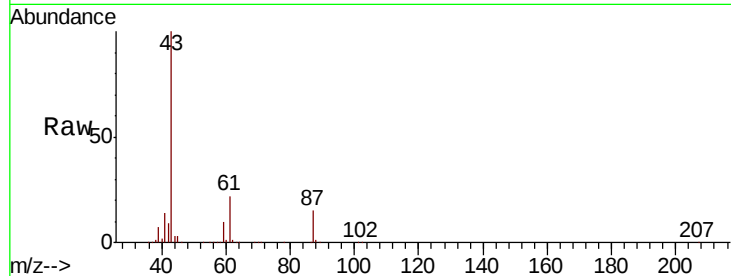
Isopropyl Acetate
 Concen: 54.996 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.8	26.6
87	15.2	12.6	19.0

Manual Integrations
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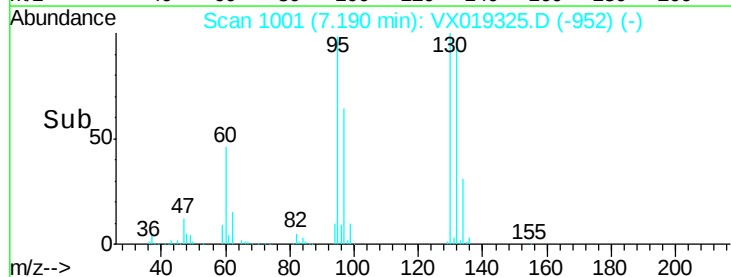
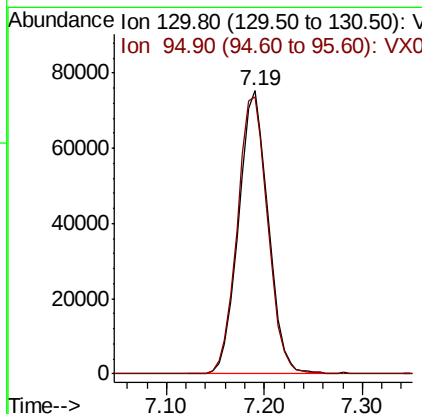
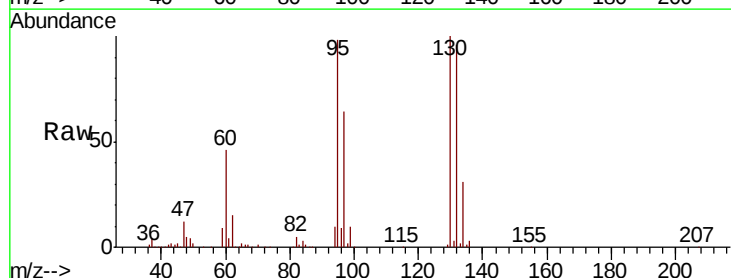
MMDadoda
 11/6/2020 9:23:22 AM

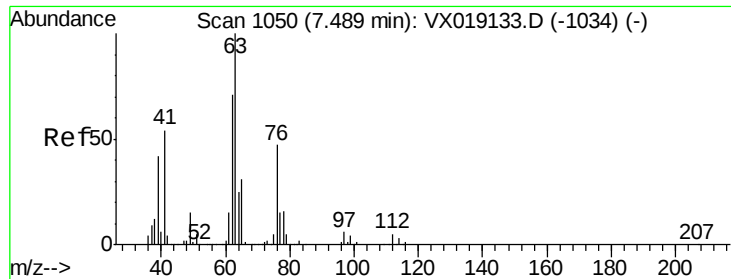


#44

Trichloroethene
 Concen: 49.054 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 55.716 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 63 Resp: 153563

Ion Ratio Lower Upper

63 100

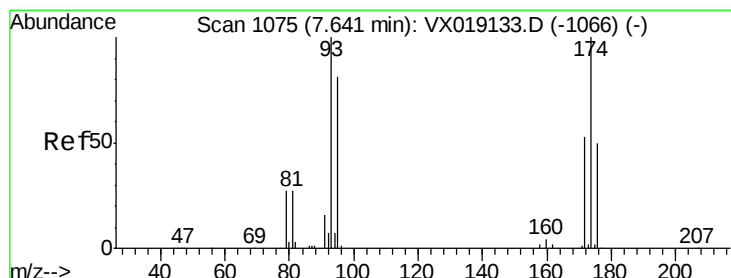
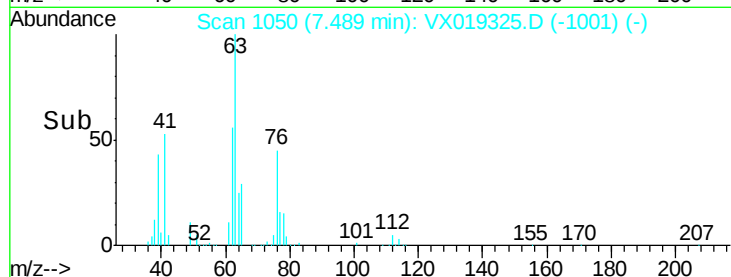
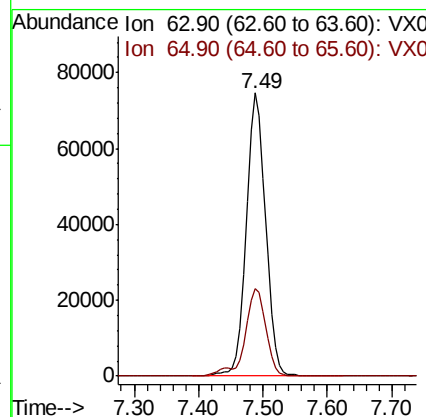
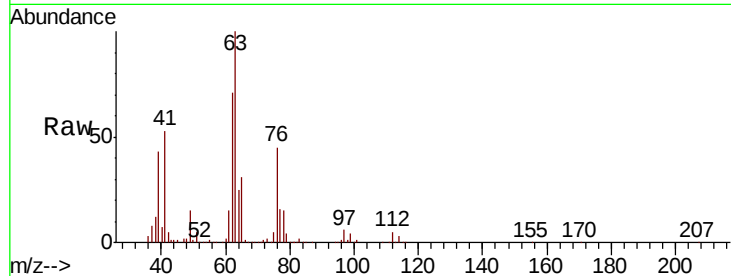
65 30.9 25.2 37.8

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#46

Dibromomethane

Concen: 52.527 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

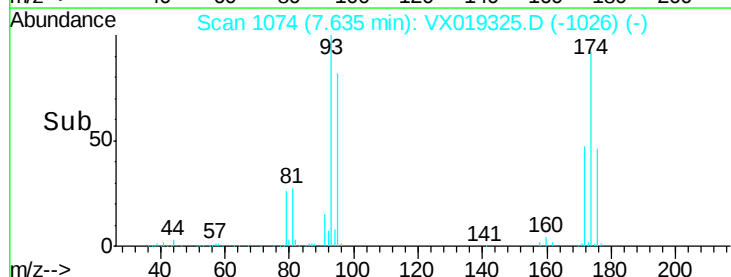
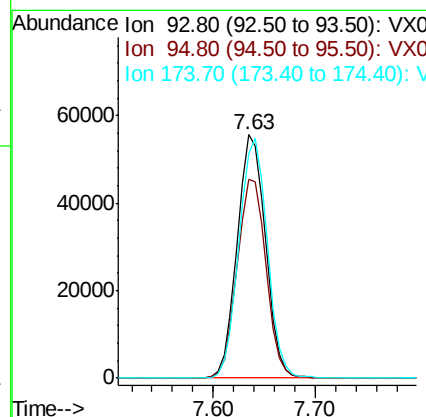
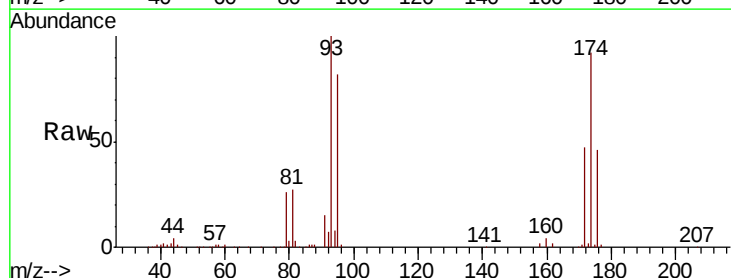
Tgt Ion: 93 Resp: 107056

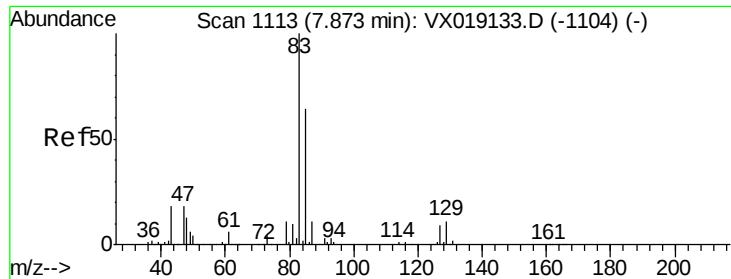
Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.6

174 98.6 81.7 122.5





#47

Bromodichloromethane

Concen: 53.776 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

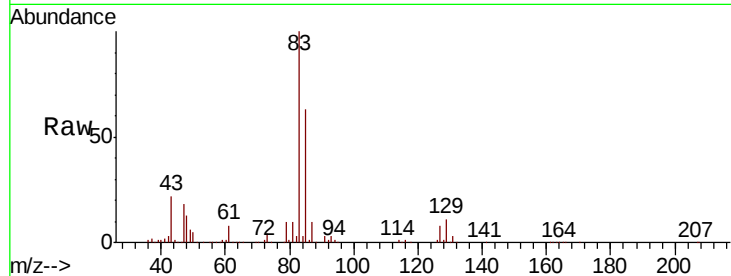
ClientSampleId :

FA2O-MMW3414MS

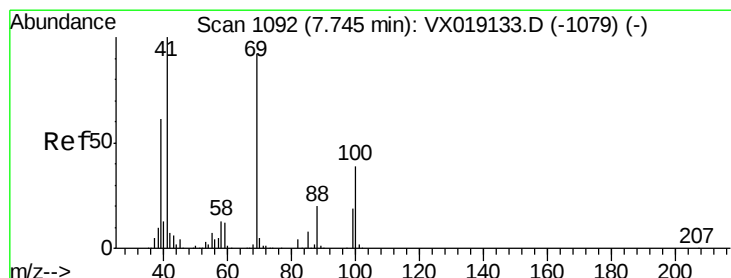
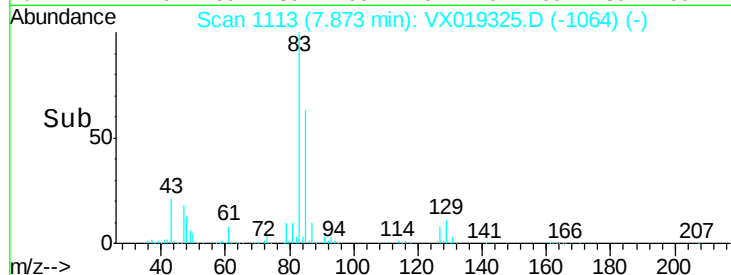
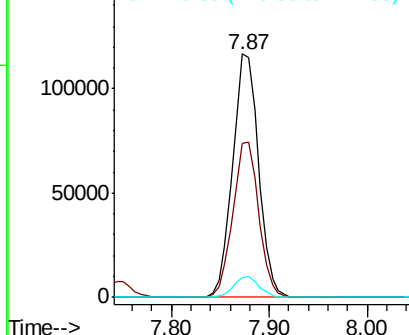
Tot Ion:	83	Resp:	216029
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.2	76.8
127	7.9	7.1	10.7

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 57.903 ug/l

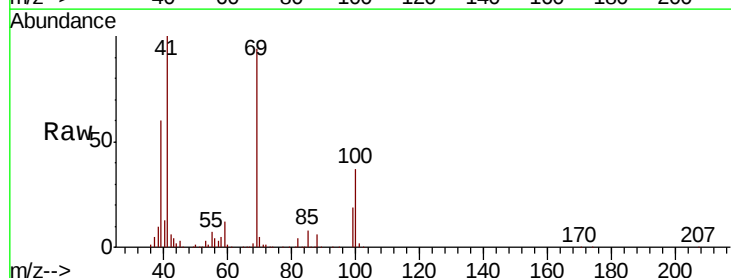
RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

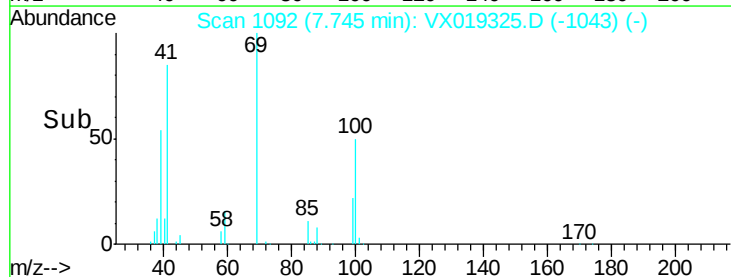
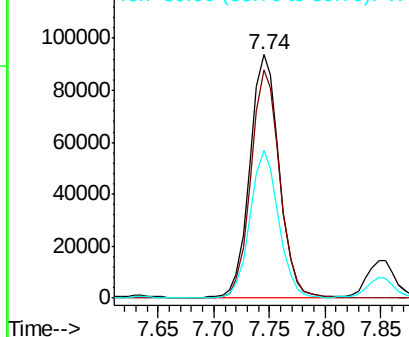
Lab File: VX019325.D

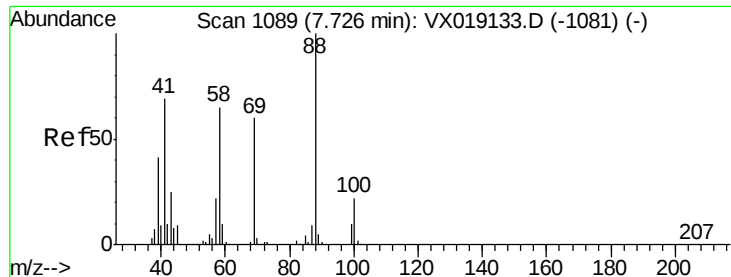
Acq: 05 Nov 2020 19:25

Tgt Ion:	41	Resp:	171958
Ion	Ratio	Lower	Upper
41	100		
69	92.7	75.5	113.3
39	59.1	48.9	73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





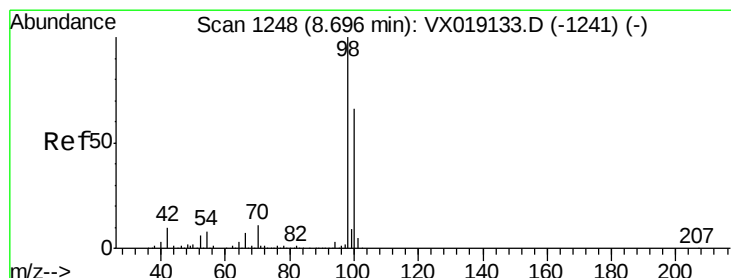
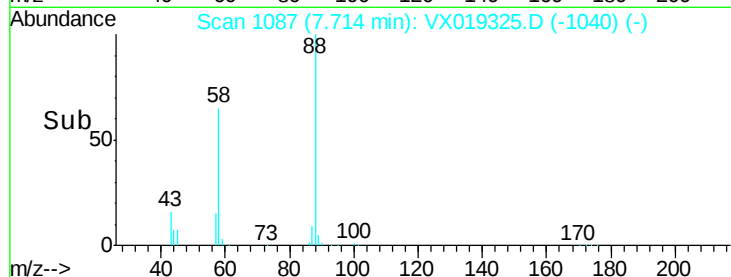
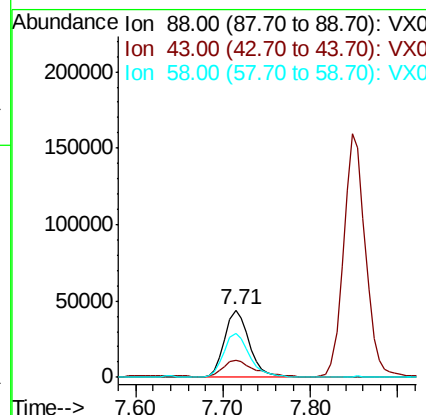
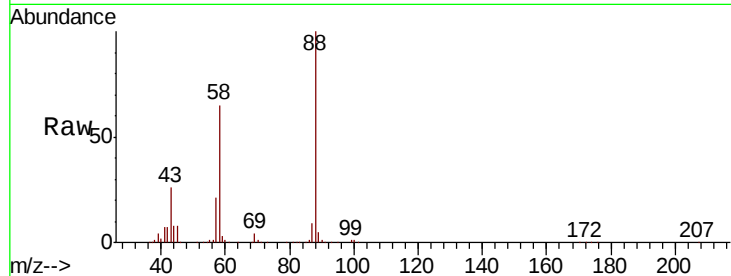
#49
1,4-Dioxane
Concen: 1316.235 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	23.0	34.6
58	67.6	52.2	78.2

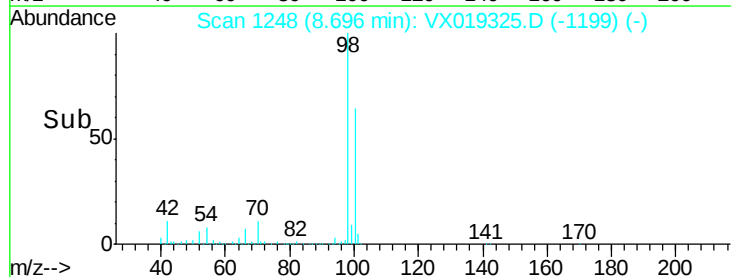
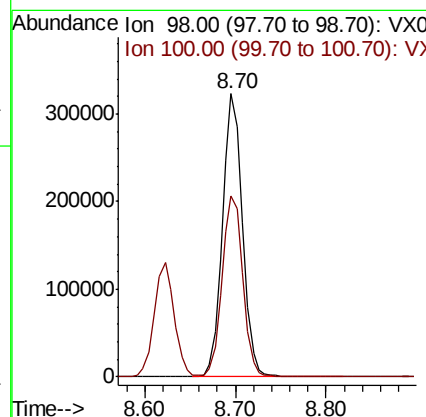
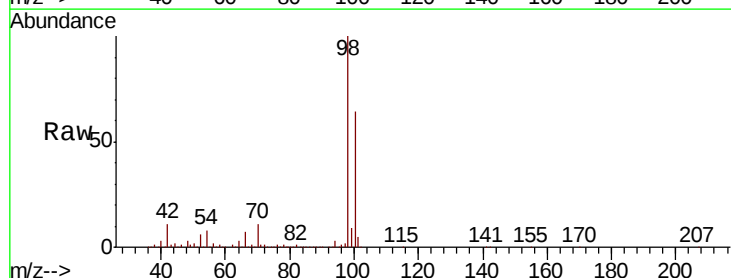
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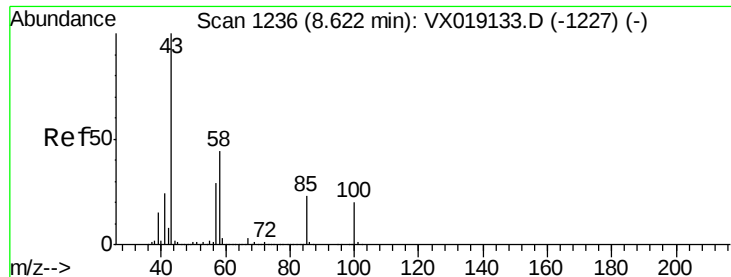
MMDadoda
11/6/2020 9:23:22 AM



#50
Toluene-d8
Concen: 48.740 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 302.057 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 43 Resp: 1071178

Ion Ratio Lower Upper

43 100

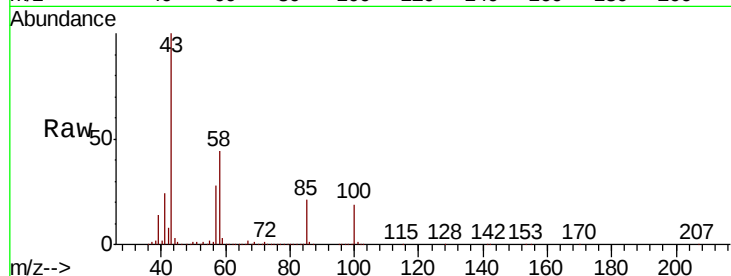
58 43.4 35.0 52.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

600000

400000

200000

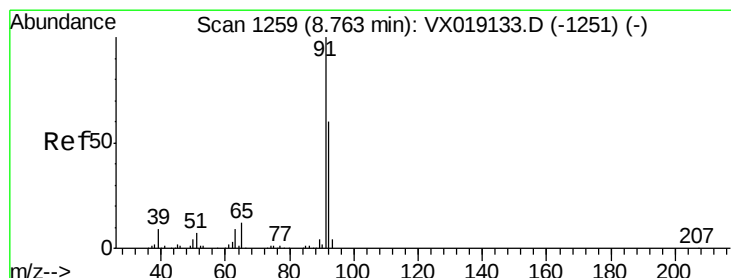
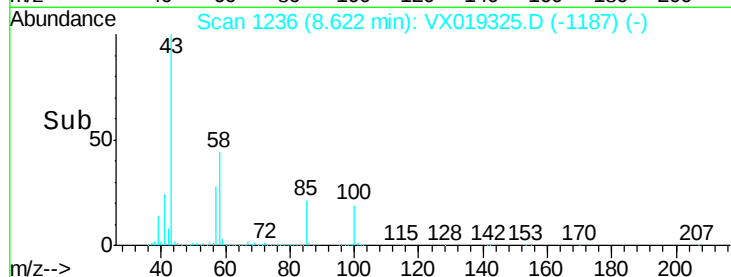
0

Time-->

8.50

8.60

8.70



#52

Toluene

Concen: 59.181 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019325.D

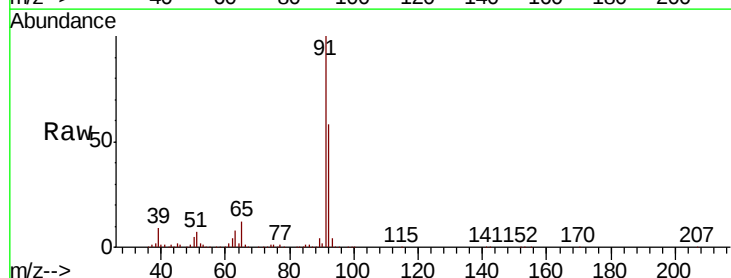
Acq: 05 Nov 2020 19:25

Tgt Ion: 92 Resp: 428913

Ion Ratio Lower Upper

92 100

91 171.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

200000

100000

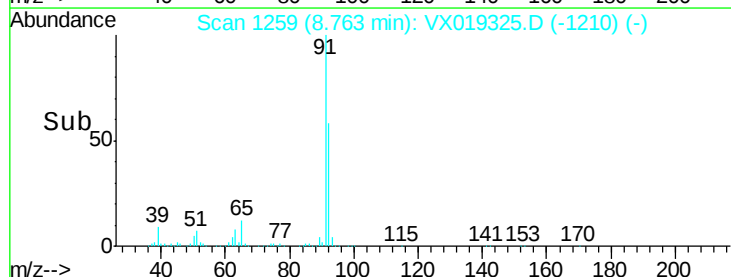
0

Time-->

8.70

8.80

8.90





#53

t-1,3-Dichloropropene

Concen: 51.998 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 75 Resp: 238587

Ion Ratio Lower Upper

75 100

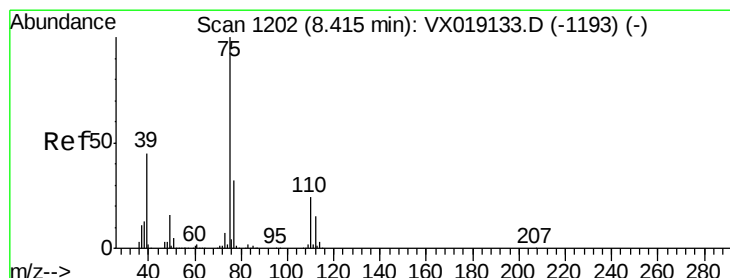
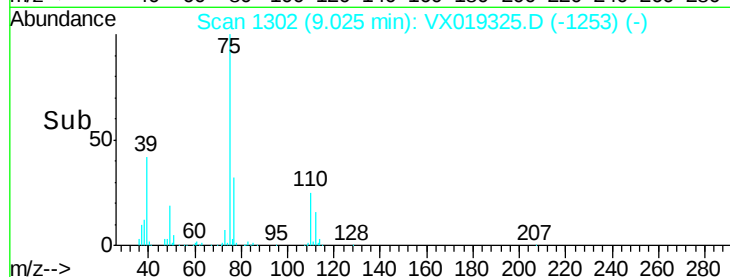
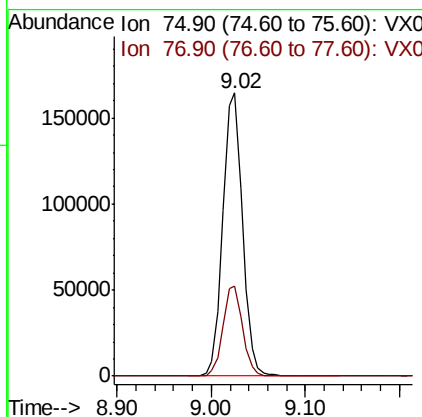
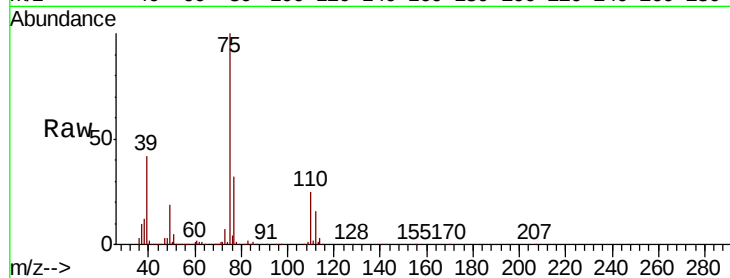
77 31.9 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 52.059 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

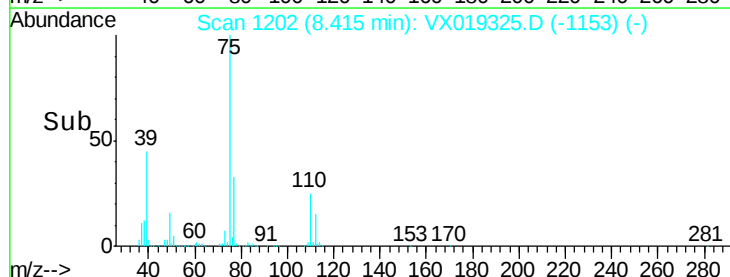
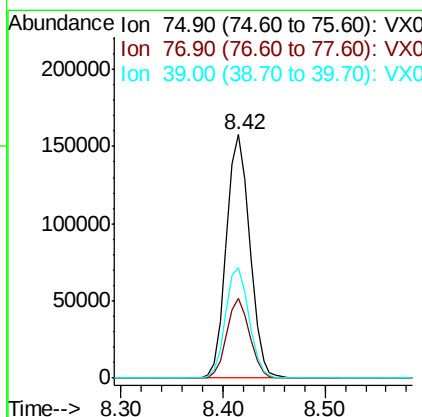
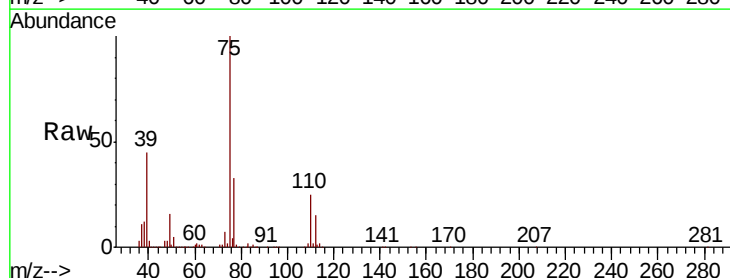
Tgt Ion: 75 Resp: 251182

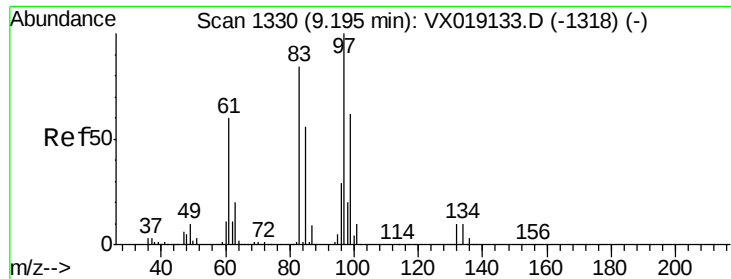
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

39 45.2 36.2 54.2





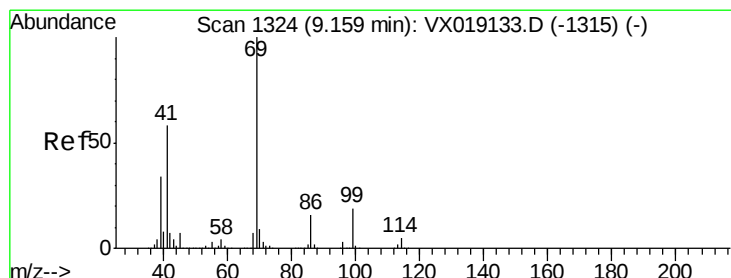
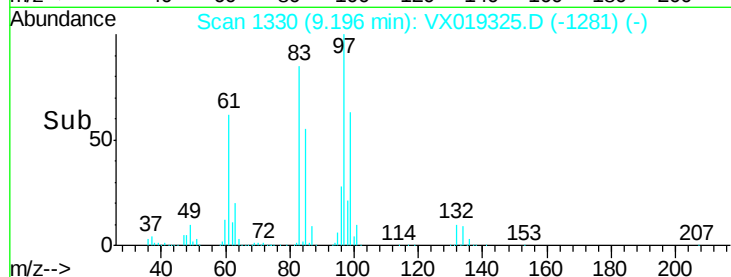
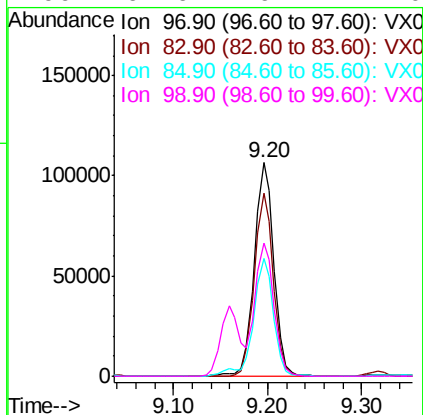
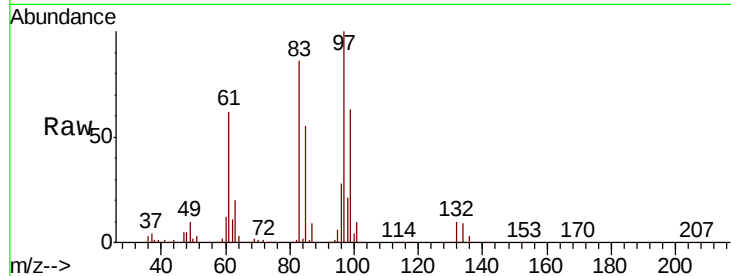
#55
 1,1,2-Trichloroethane
 Concen: 54.615 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion:	97	Resp:	156393
Ion	Ratio	Lower	Upper
97	100		
83	85.5	67.2	100.8
85	55.3	44.6	67.0
99	62.6	49.4	74.0

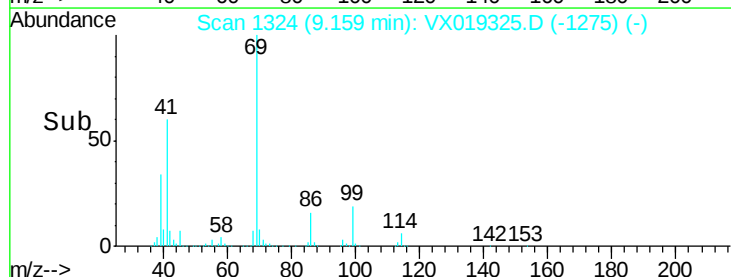
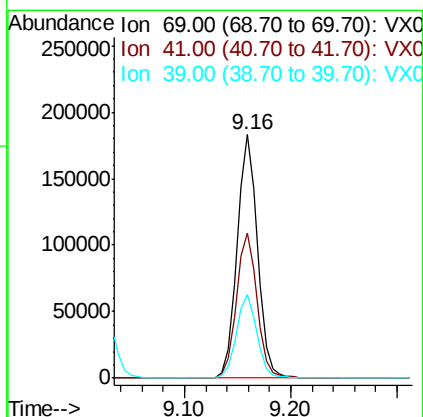
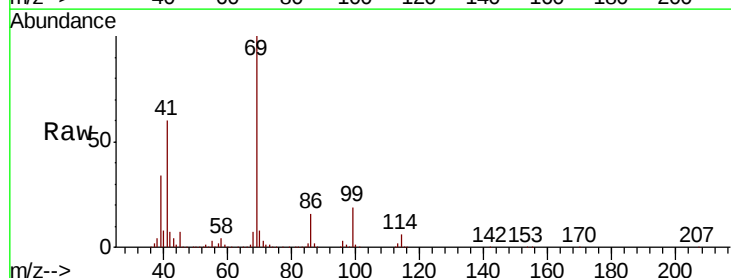
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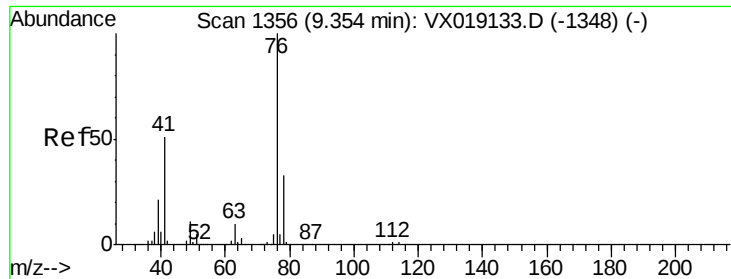
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#56
 Ethyl methacrylate
 Concen: 57.199 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion:	69	Resp:	247403
Ion	Ratio	Lower	Upper
69	100		
41	59.9	46.5	69.7
39	33.9	27.6	41.4





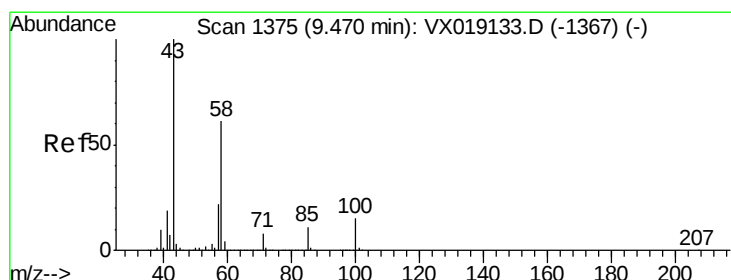
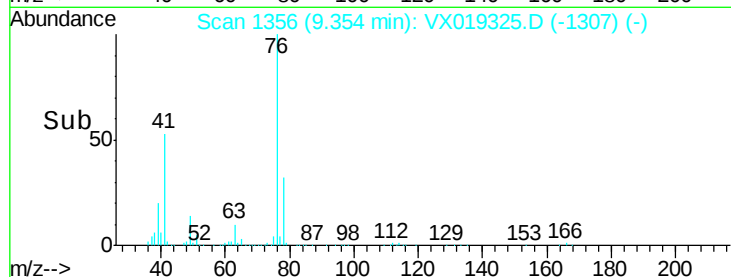
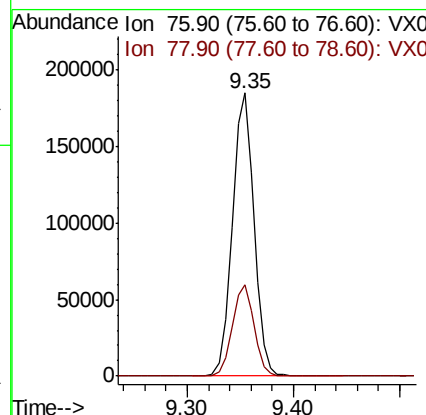
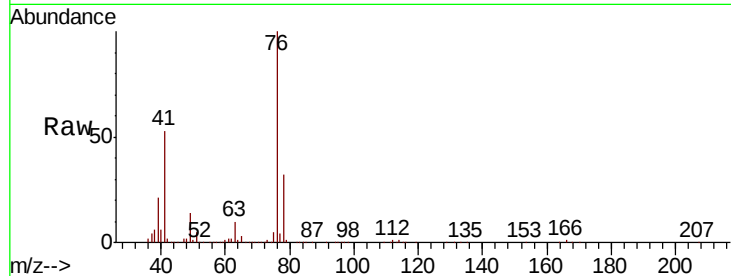
#57
 1,3-Dichloropropane
 Concen: 54.533 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

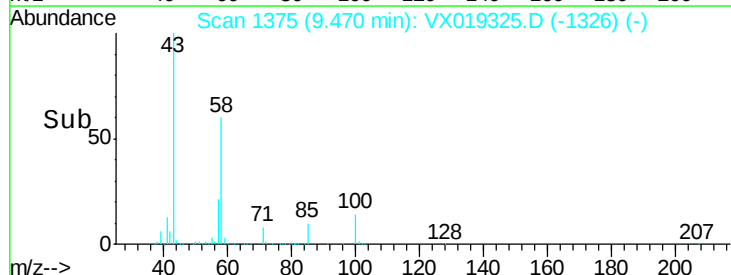
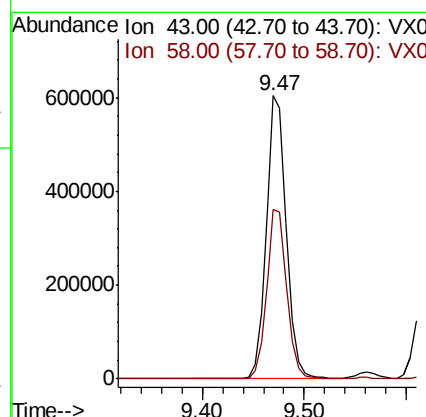
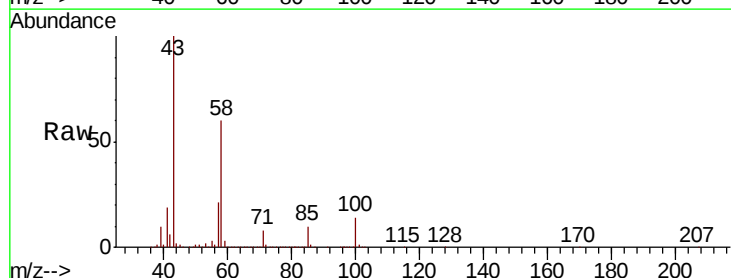
Manual Integrations
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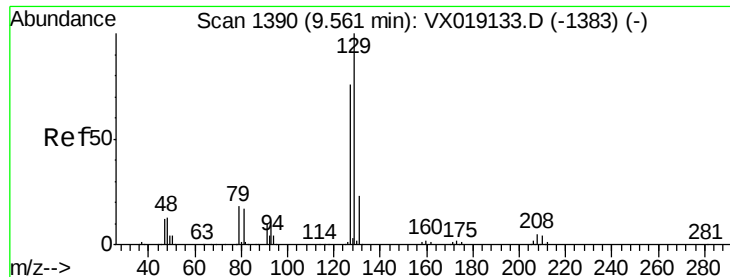
MMDadoda
 11/6/2020 9:23:22 AM



#59
 2-Hexanone
 Concen: 305.752 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
43	100		
58	60.3	30.5	91.5





#60

Dibromochloromethane

Concen: 53.084 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion:129 Resp: 164970

Ion Ratio Lower Upper

129 100

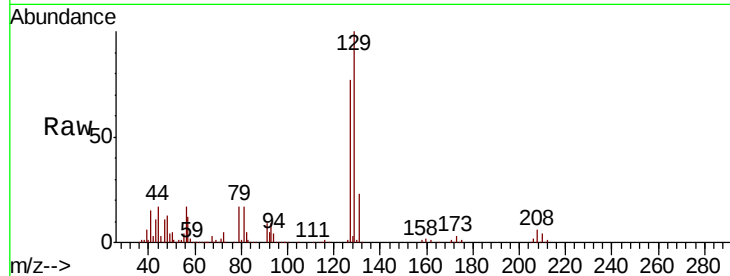
127 77.3 38.6 115.8

Manual Integrations

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

120000

100000

80000

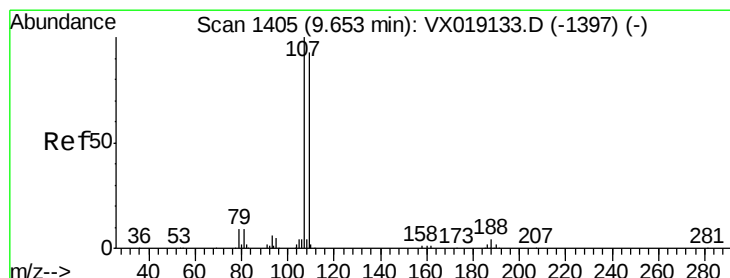
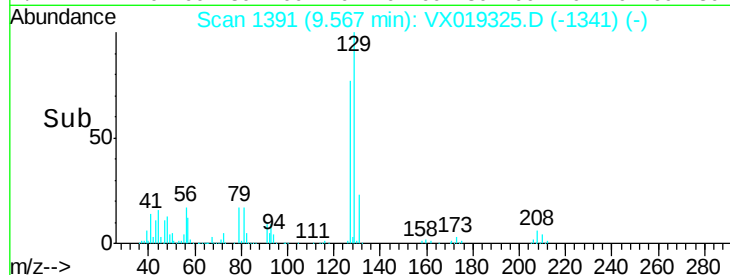
60000

40000

20000

0

Time-->



#61

1,2-Dibromoethane

Concen: 54.183 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019325.D

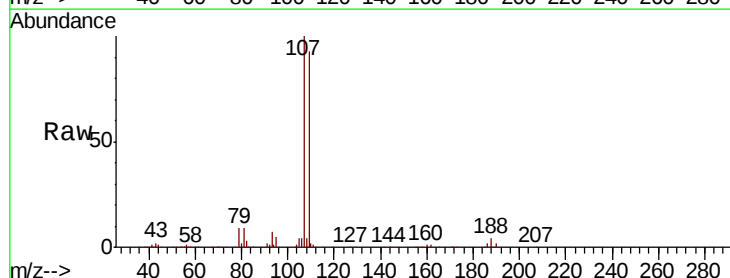
Acq: 05 Nov 2020 19:25

Tgt Ion:107 Resp: 165917

Ion Ratio Lower Upper

107 100

109 92.7 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

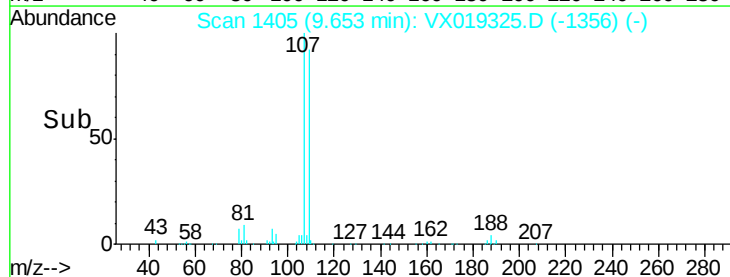
9.65

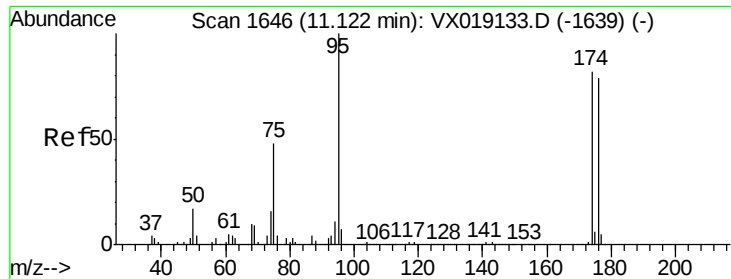
100000

50000

0

Time-->





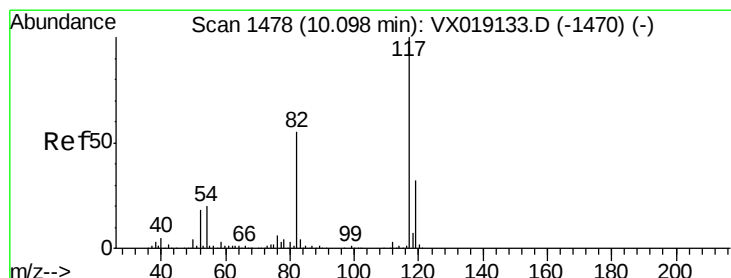
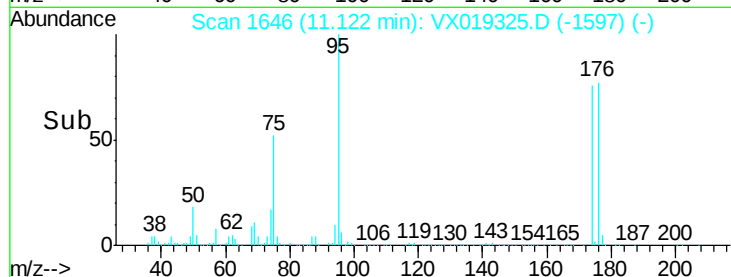
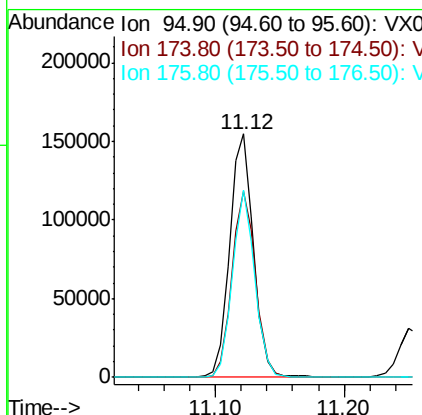
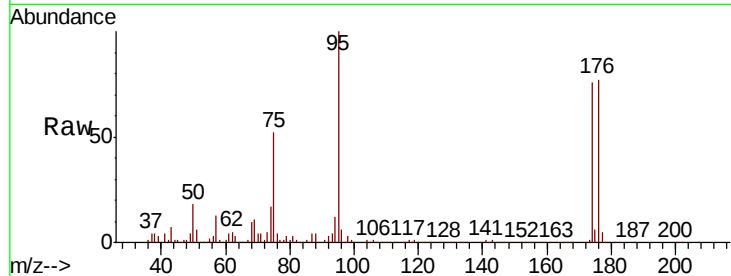
#62
4-Bromofluorobenzene
Concen: 51.473 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	198378		
174	76.5	0.0	156.0	
176	73.1	0.0	149.8	

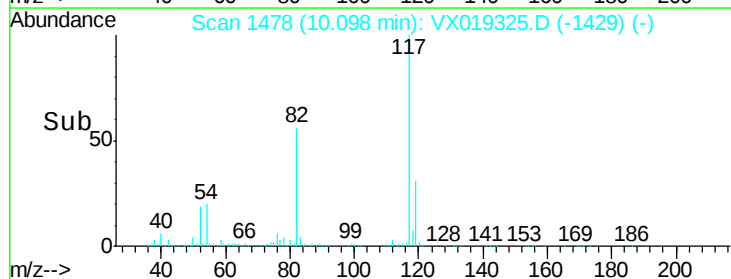
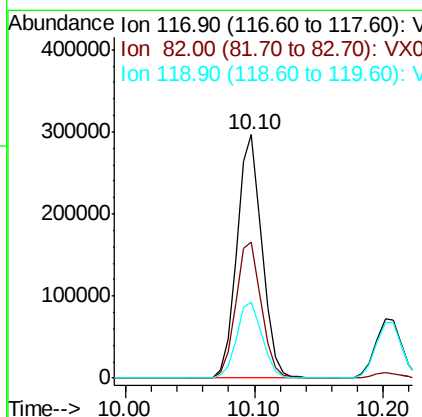
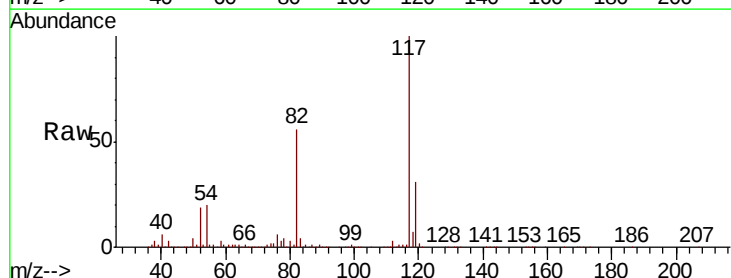
Manual Integrations
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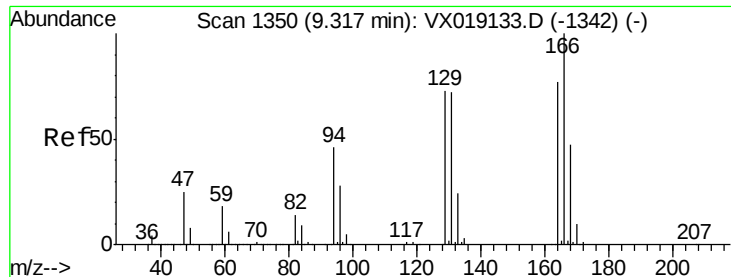
MMDadoda
11/6/2020 9:23:22 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	398262		
82	55.6	43.6	65.4	
119	31.3	25.5	38.3	





#64

Tetrachloroethene

Concen: 43.400 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion:164 Resp: 131690

Ion Ratio Lower Upper

164 100

166 124.1 104.1 156.1

129 94.1 76.2 114.4

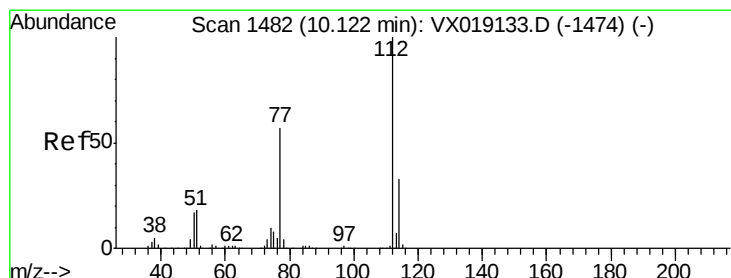
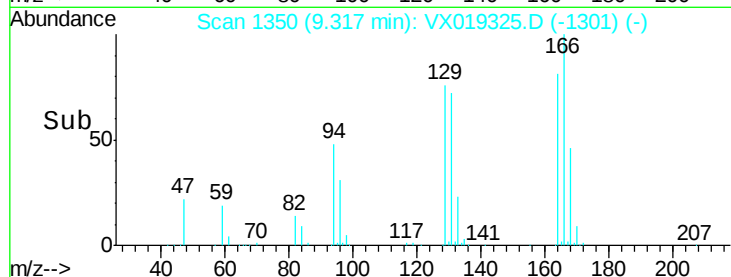
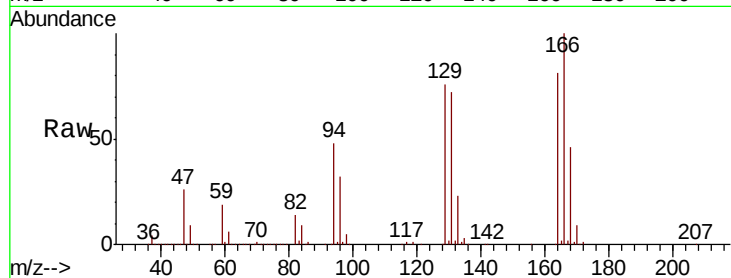
131 89.4 74.6 112.0

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#65

Chlorobenzene

Concen: 49.317 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019325.D

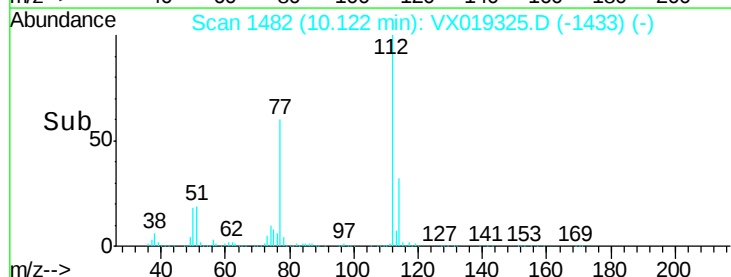
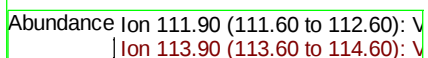
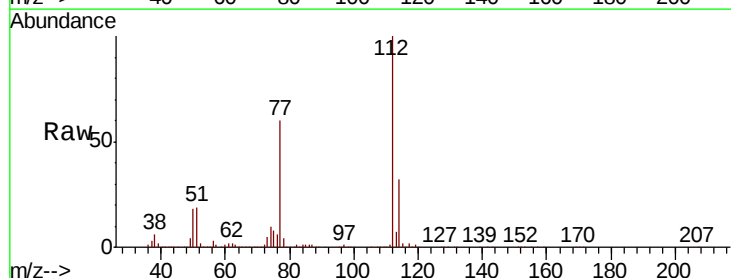
Acq: 05 Nov 2020 19:25

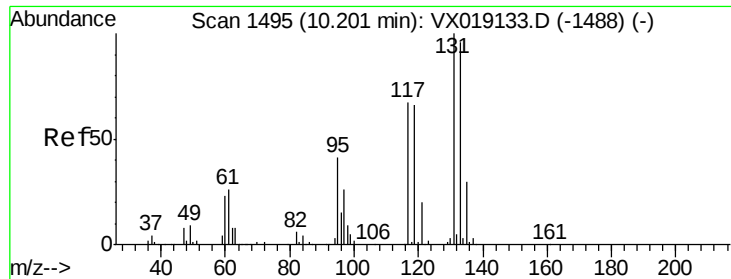
Tgt Ion:112 Resp: 401449

Ion Ratio Lower Upper

112 100

114 32.1 26.1 39.1





#66

1,1,1,2-Tetrachloroethane

Concen: 50.120 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

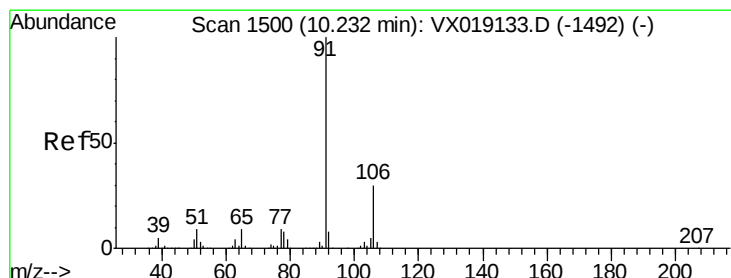
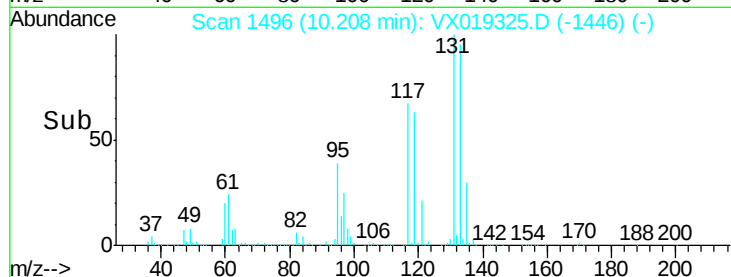
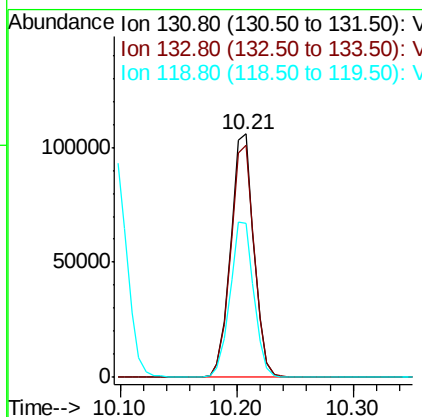
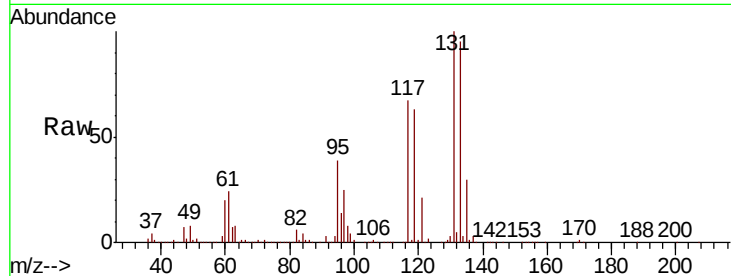
ClientSampleId :

FA2O-MMW3414MS

Tot Ion:	131	Resp:	146875
Ion Ratio	Lower	Upper	
131	100		
133	96.8	47.3	141.8
119	64.9	32.3	96.9

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#67

Ethyl Benzene

Concen: 52.882 ug/l

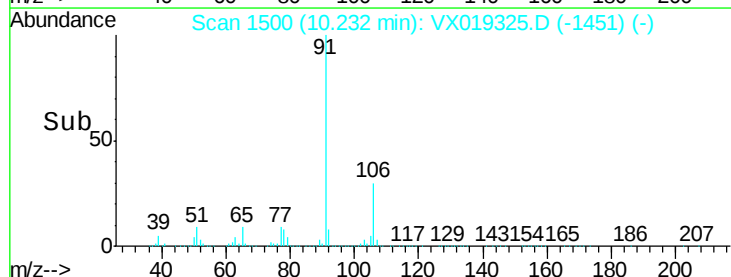
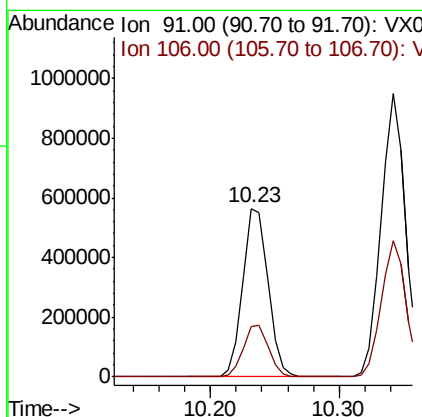
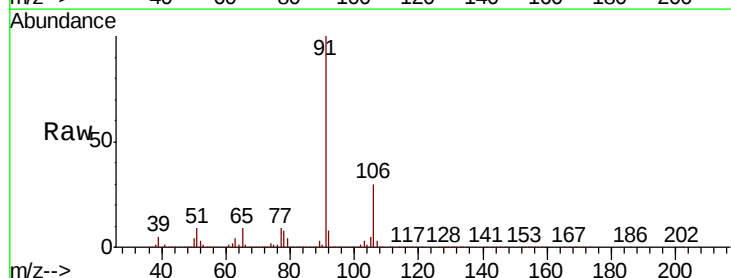
RT: 10.23 min Scan# 1500

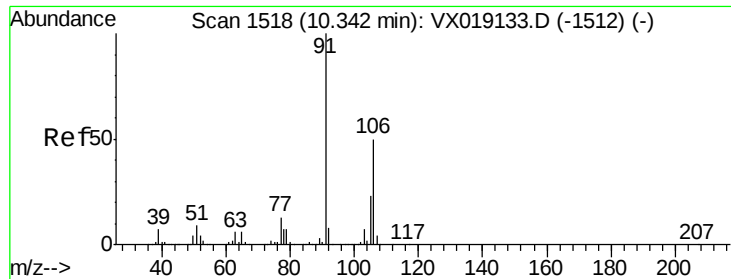
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:	91	Resp:	767054
Ion Ratio	Lower	Upper	
91	100		
106	30.2	24.3	36.5





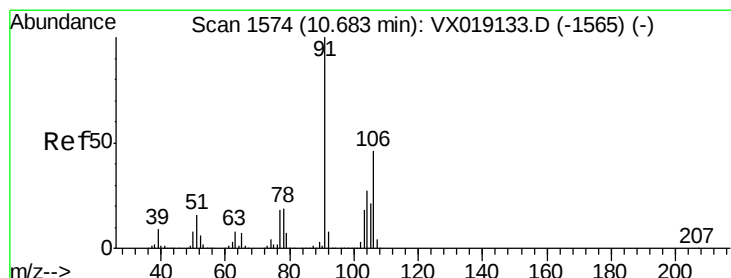
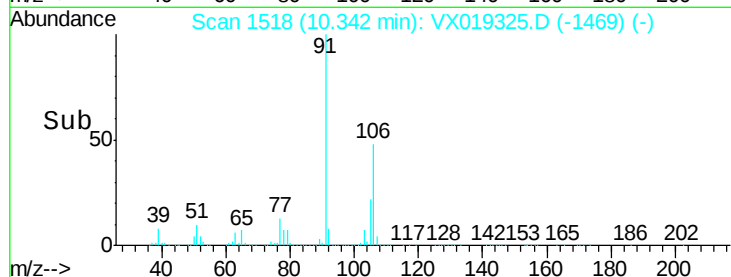
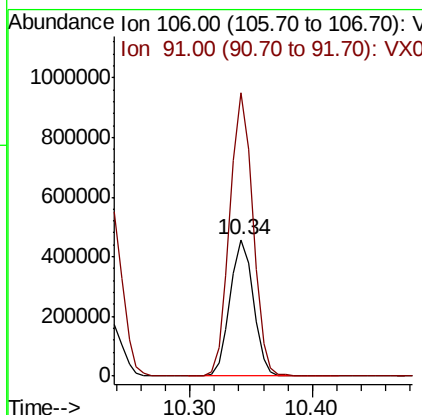
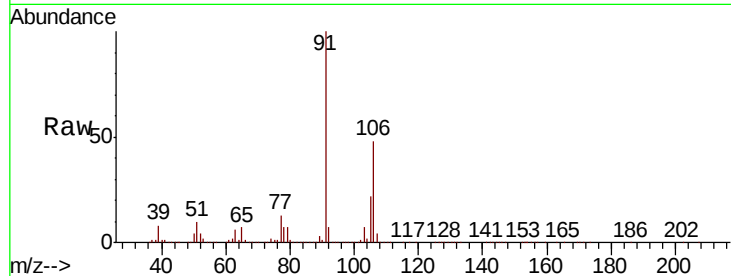
#68
m/p-Xylenes
Concen: 110.988 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion:106 Resp: 604216
Ion Ratio Lower Upper
106 100
91 205.4 161.0 241.4

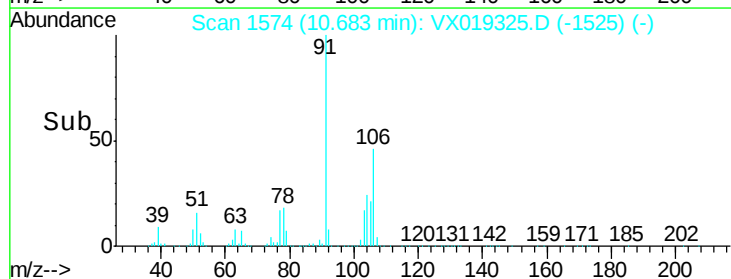
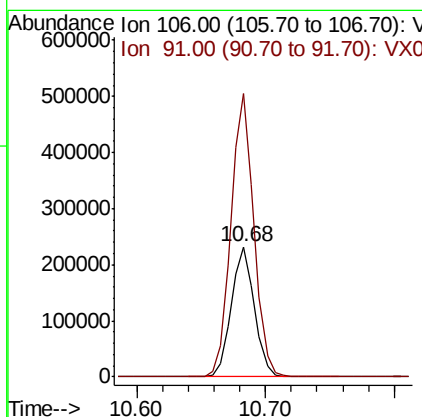
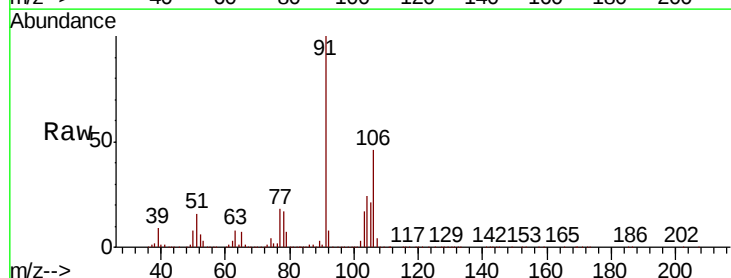
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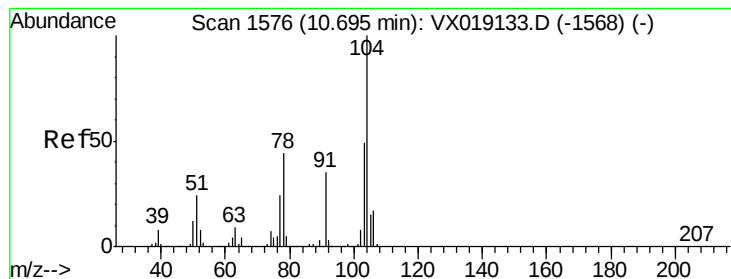
MMDadoda
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#69
o-Xylene
Concen: 56.378 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion:106 Resp: 291111
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8





#70

Stvrene

Concen: 52.440 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

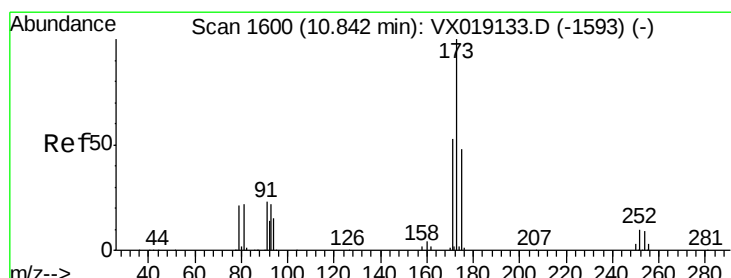
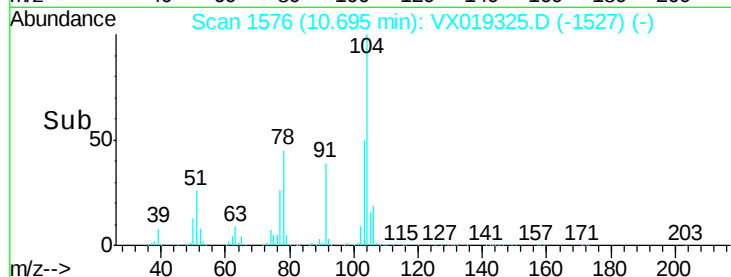
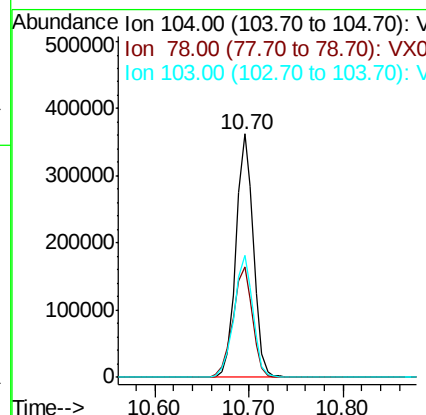
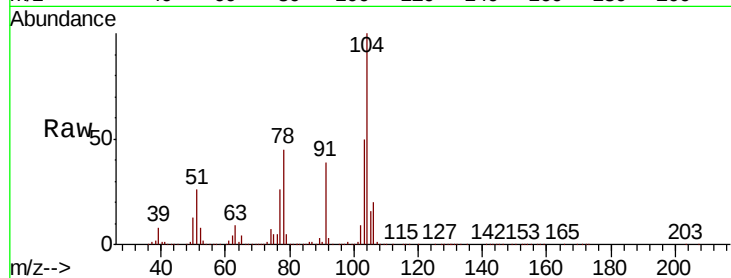
ClientSampleId :

FA2O-MMW3414MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		462012		
78	51.2		40.0	60.0	
103	54.5		43.5	65.3	

Manual Integrations
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#71

Bromoform

Concen: 51.187 ug/l

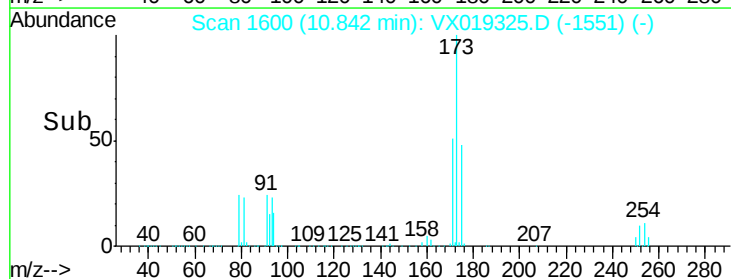
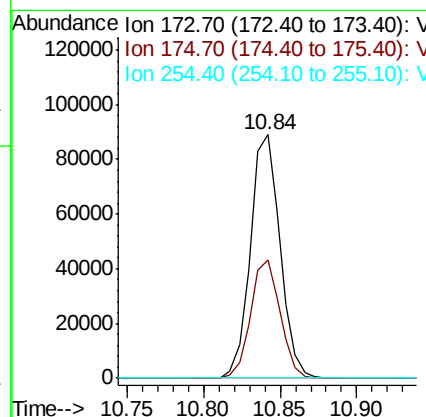
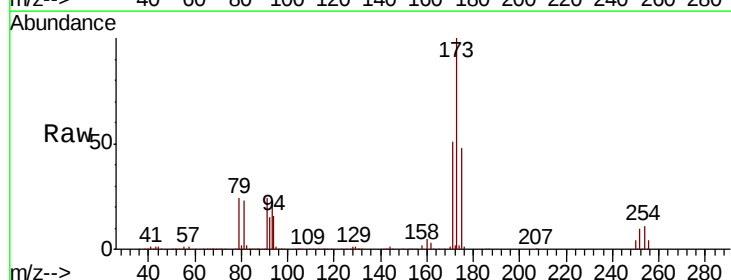
RT: 10.84 min Scan# 1600

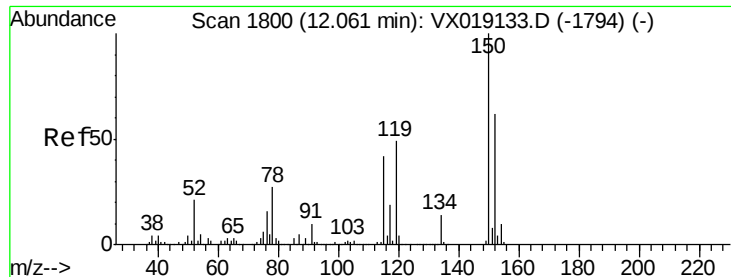
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
173	100		118931		
175	48.7		24.4	73.4	
254	0.1		0.1	0.1#	





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion:152 Resp: 205036

Ion Ratio Lower Upper

152 100

115 84.2 41.9 125.7

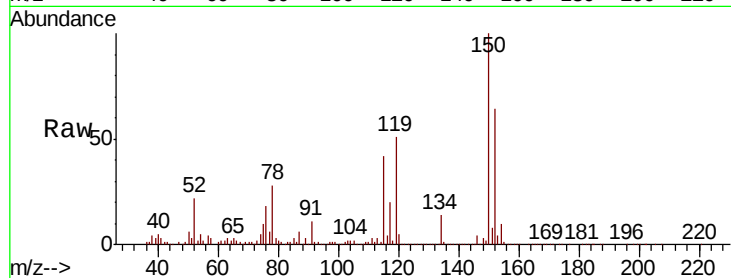
150 170.6 0.0 347.8

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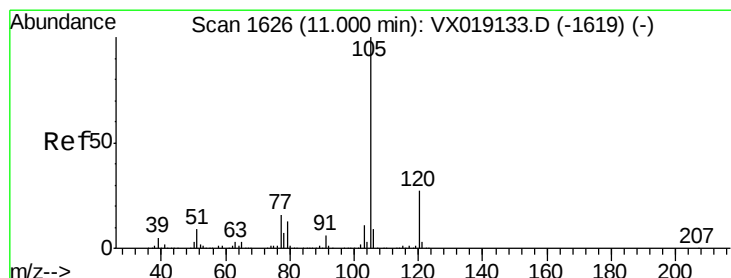
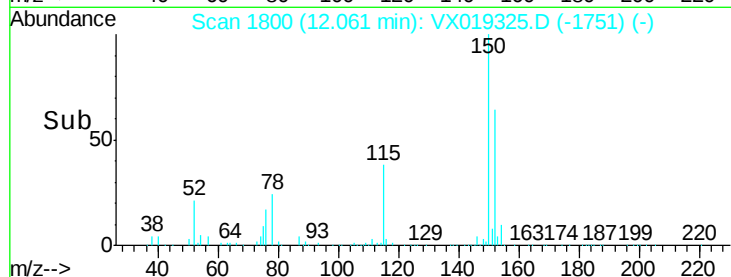
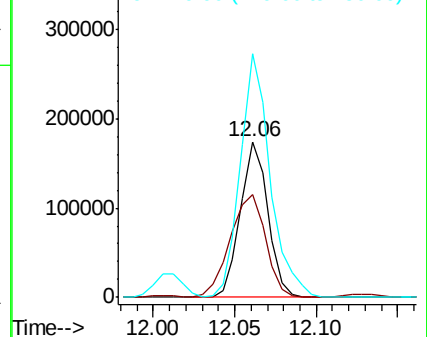
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 48.757 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019325.D

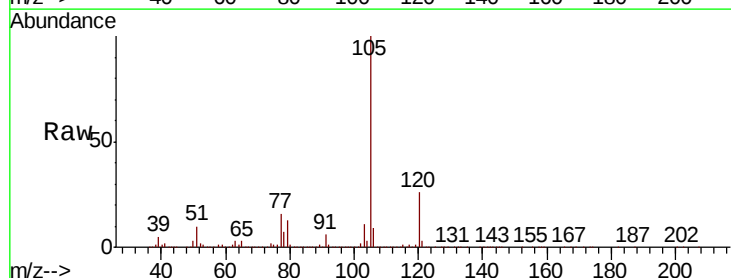
Acq: 05 Nov 2020 19:25

Tgt Ion:105 Resp: 707641

Ion Ratio Lower Upper

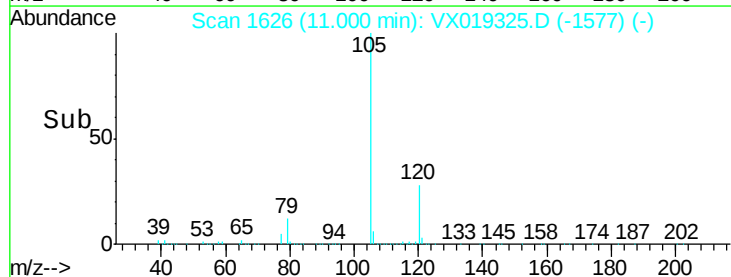
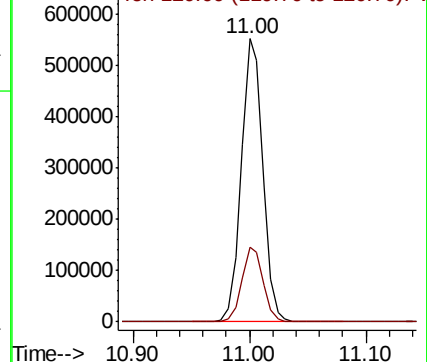
105 100

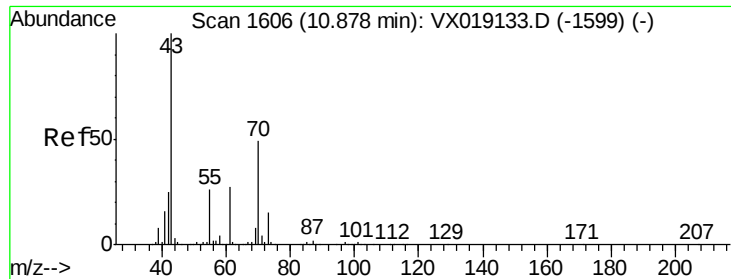
120 26.1 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





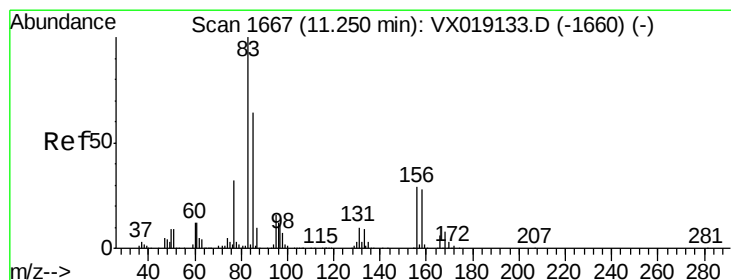
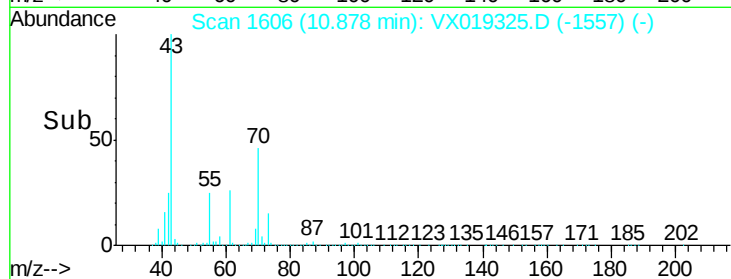
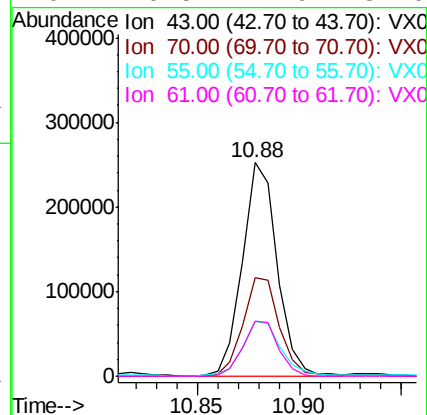
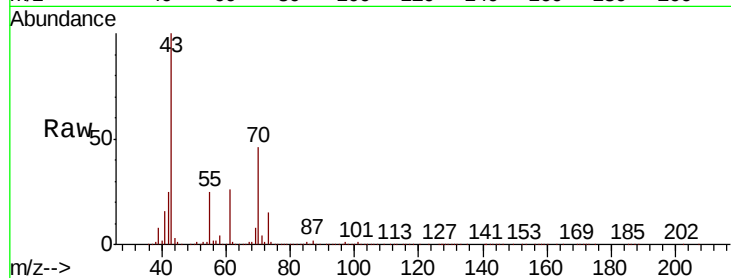
#74
N-amvl acetate
Concen: 56.098 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
43	100		
70	49.0	39.6	59.4
55	28.5	20.7	31.1
61	26.5	21.9	32.9

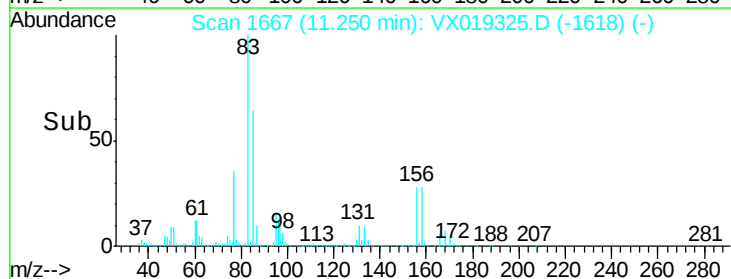
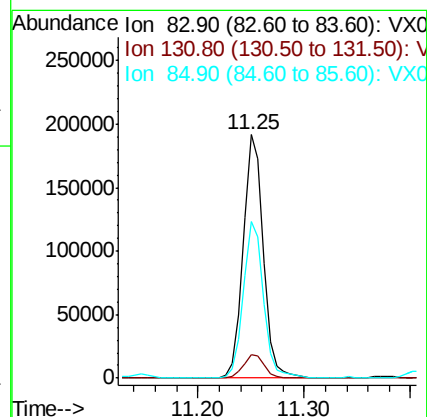
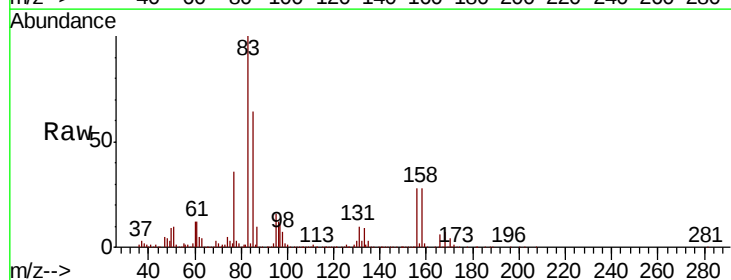
Manual Integrations
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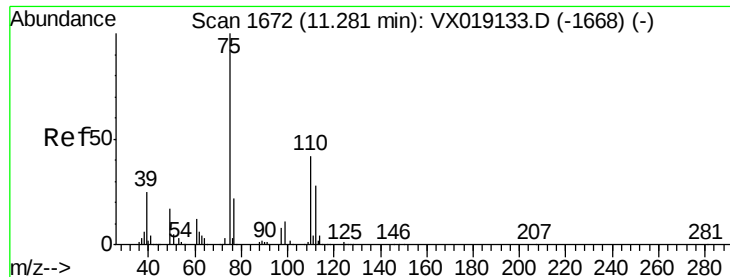
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#75
1,1,2,2-Tetrachloroethane
Concen: 56.095 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.2	15.6
85	64.9	32.1	96.3





#76

1,2,3-Trichloropropane

Concen: 54.116 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 75 Resp: 229105

Ion Ratio Lower Upper

75 100

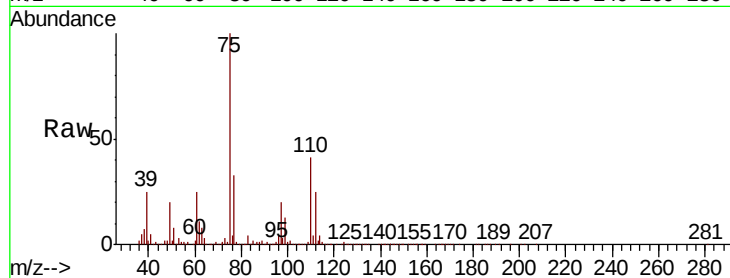
77 40.7 20.3 60.9

Manual Integrations

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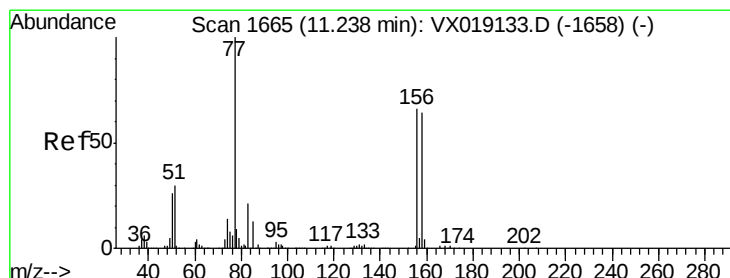
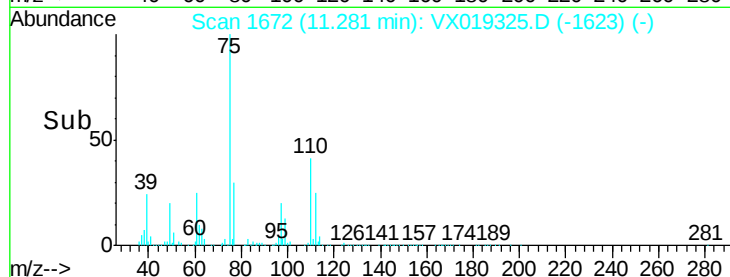
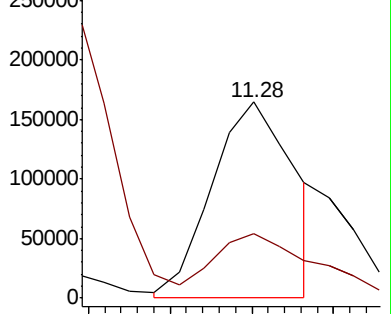
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.313 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

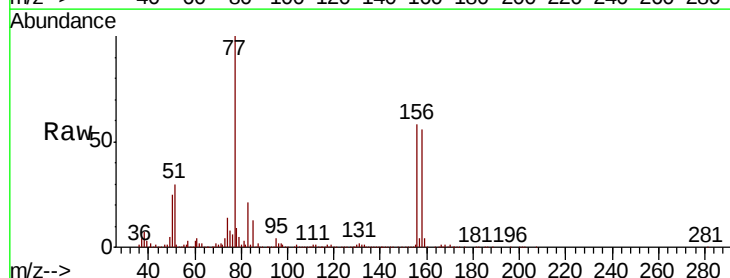
Tgt Ion: 156 Resp: 174028

Ion Ratio Lower Upper

156 100

77 170.2 77.7 233.1

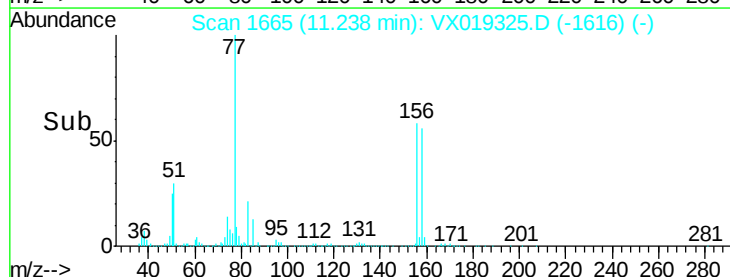
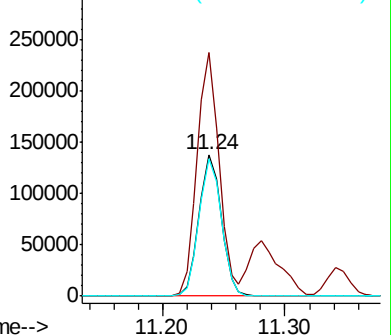
158 98.0 48.3 144.8

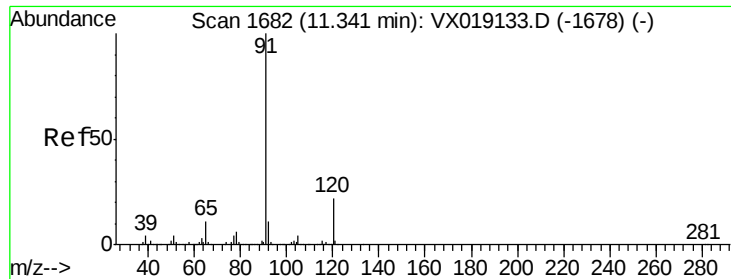


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.996 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion: 91 Resp: 844889

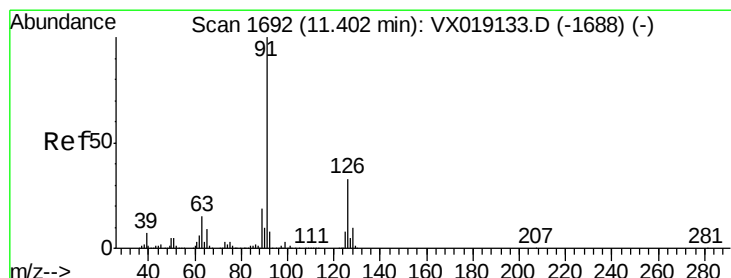
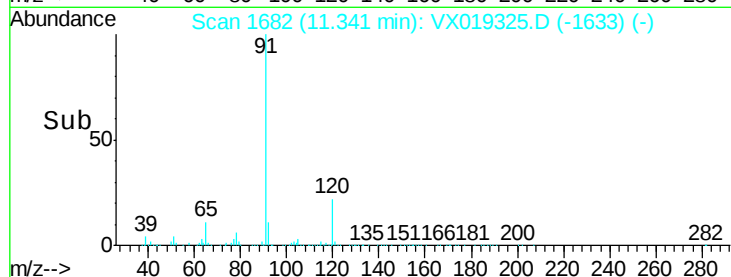
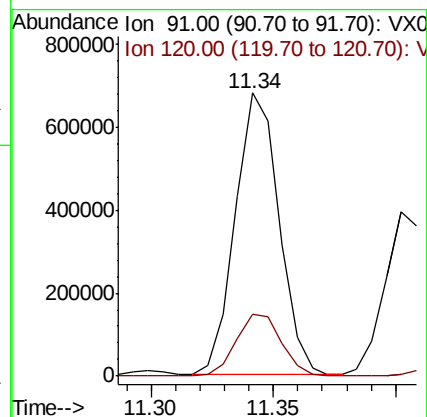
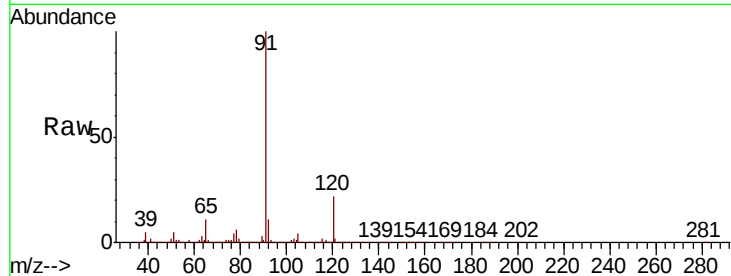
Ion Ratio Lower Upper

91 100

120 22.7 11.7 35.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 51.731 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019325.D

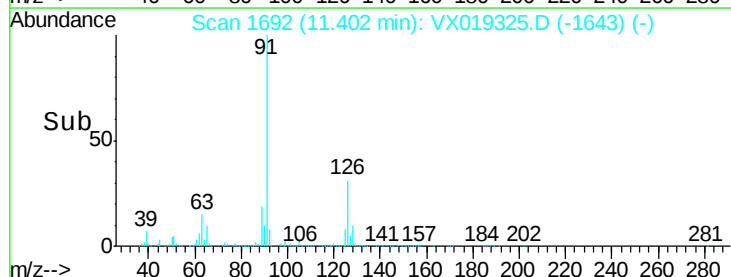
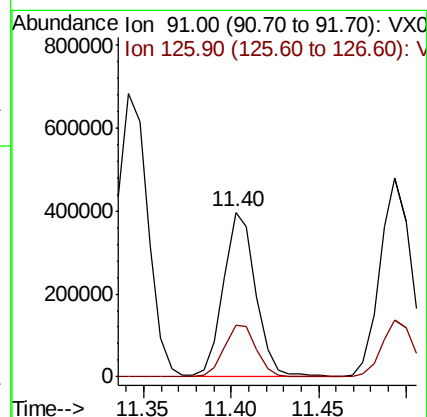
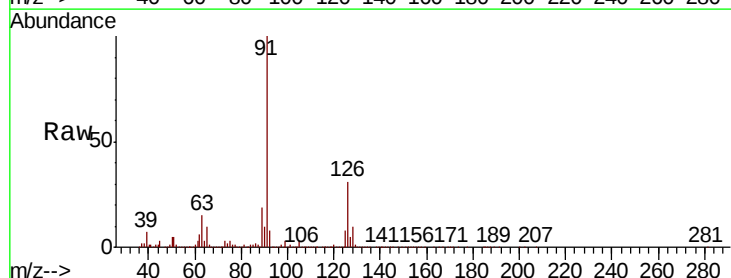
Acq: 05 Nov 2020 19:25

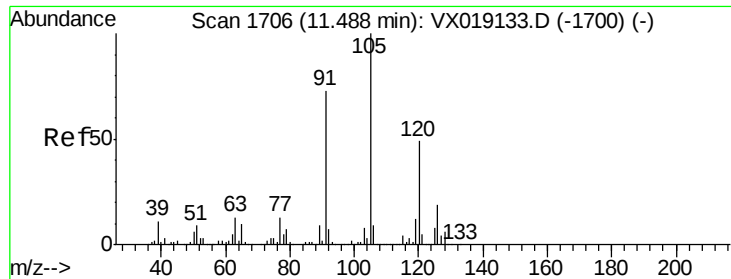
Tgt Ion: 91 Resp: 504583

Ion Ratio Lower Upper

91 100

126 31.8 16.9 50.7





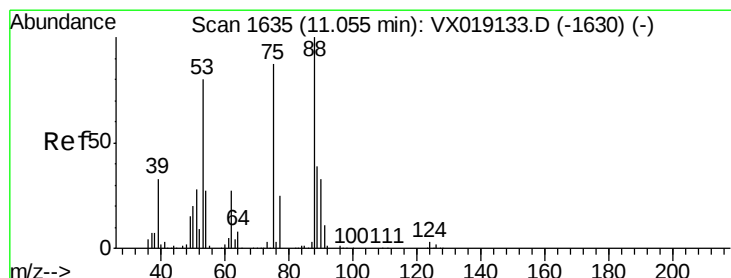
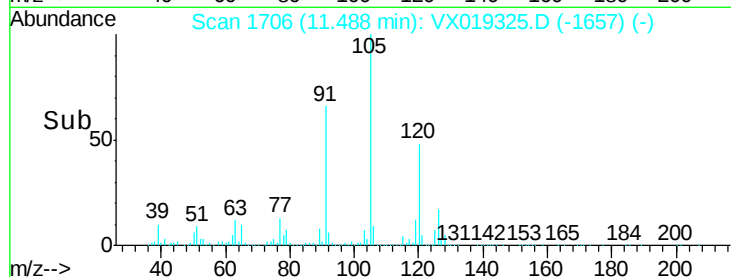
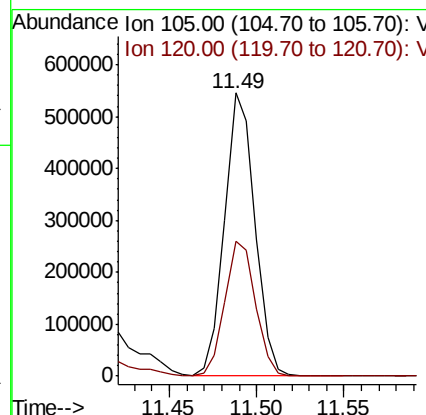
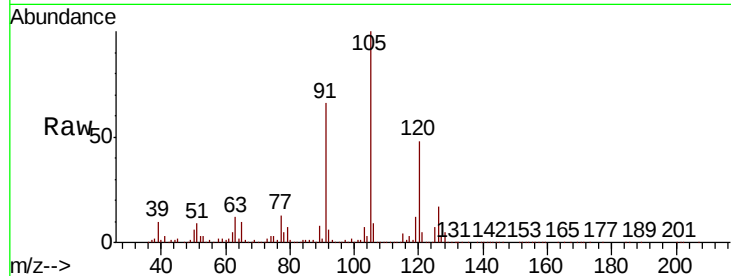
#80
 1,3,5-Trimethylbenzene
 Concen: 53.571 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	656836		
120	48.3	24.3	72.8	

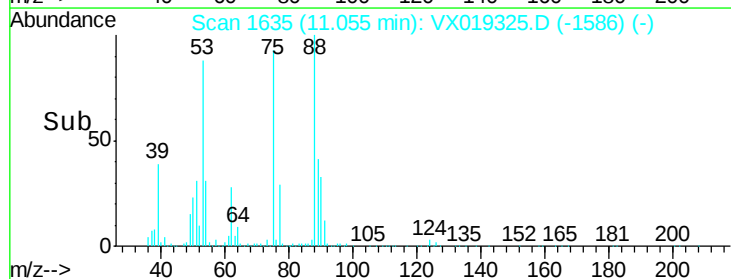
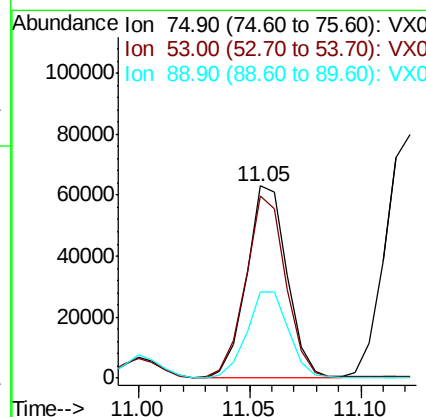
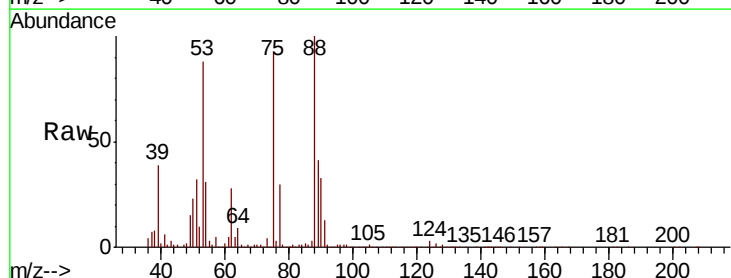
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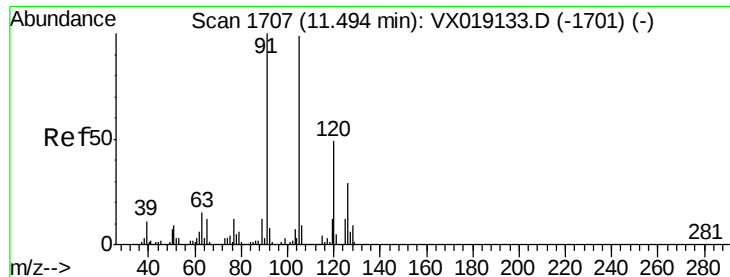
MMDadoda
 11/6/2020 9:23:22 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 49.344 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	79339		
53	93.7	73.3	109.9	
89	47.0	38.2	57.2	





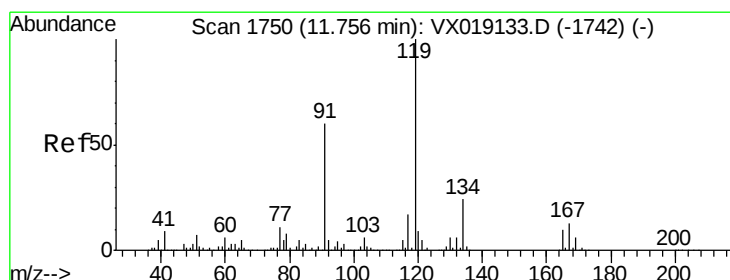
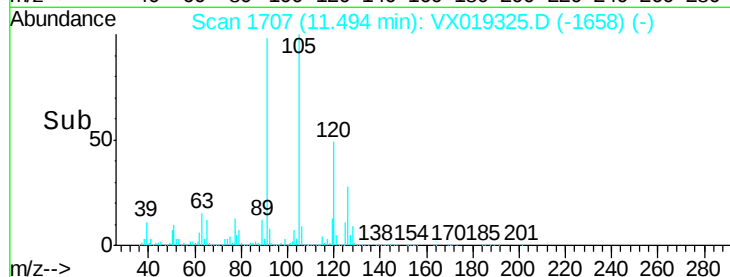
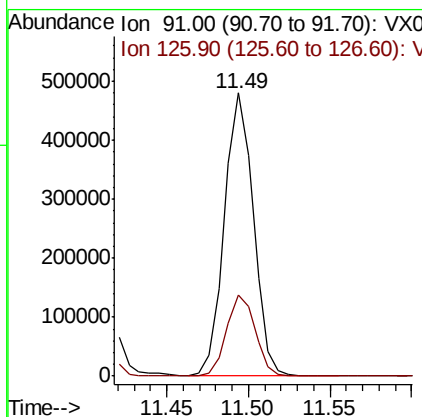
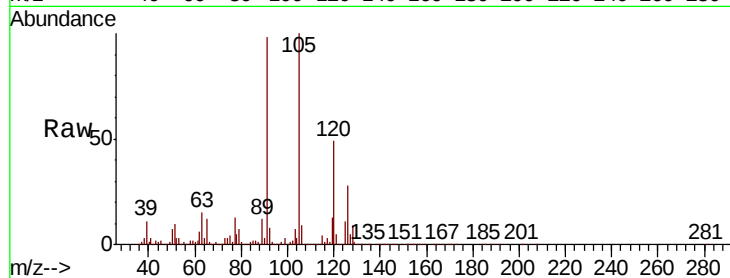
#82
4-Chlorotoluene
Concen: 49.781 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.8	44.4

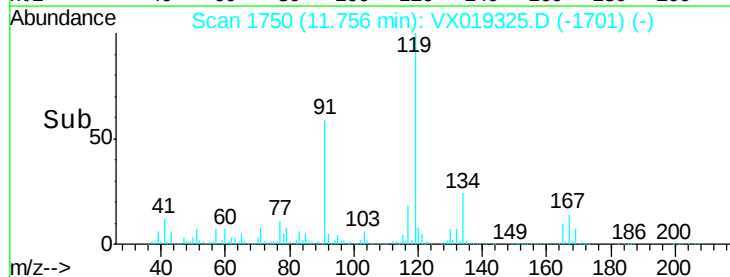
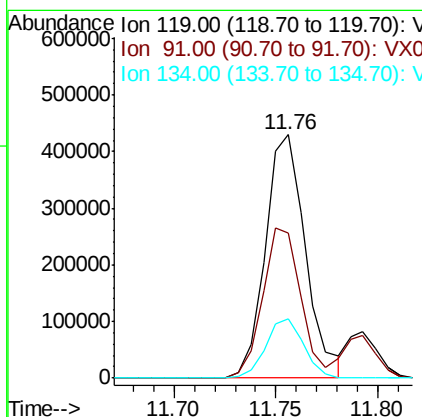
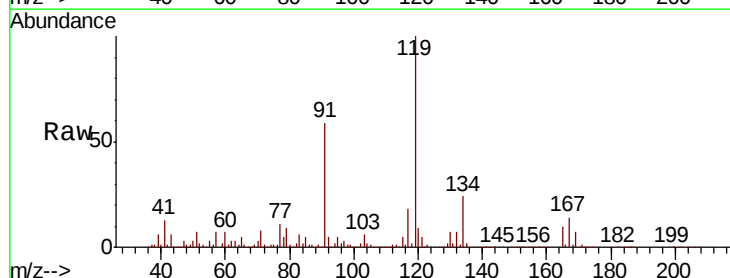
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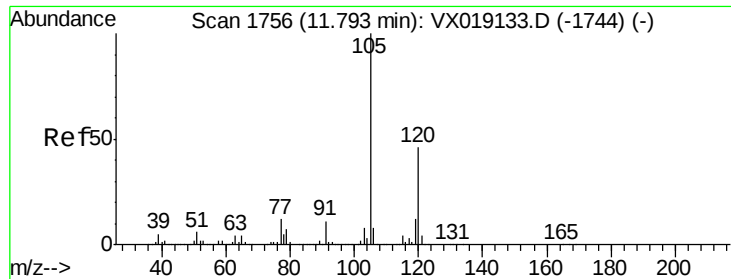
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#83
tert-Butylbenzene
Concen: 50.193 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.0	87.1
134	23.0	11.7	35.0





#84

1,2,4-Trimethylbenzene

Concen: 68.408 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

ClientSampleId :

FA2O-MMW3414MS

Tot Ion:105 Resp: 846757

Ion Ratio Lower Upper

105 100

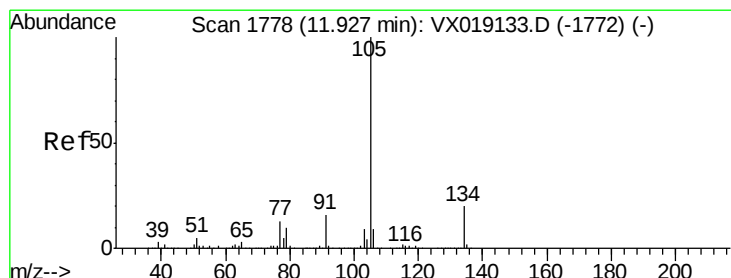
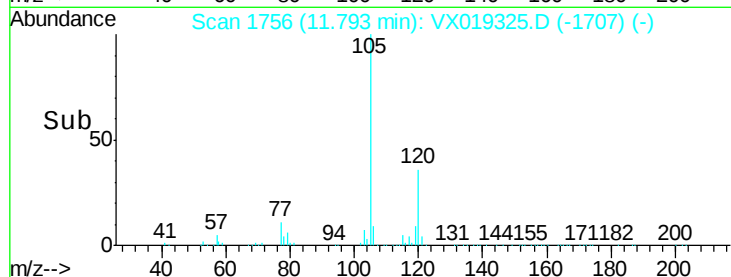
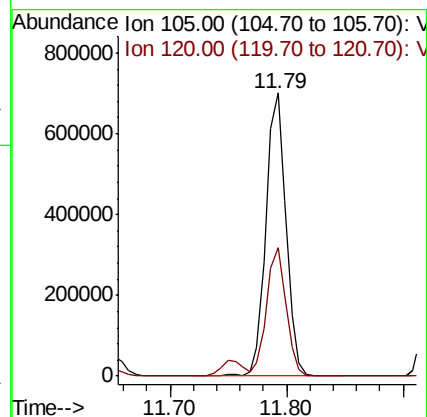
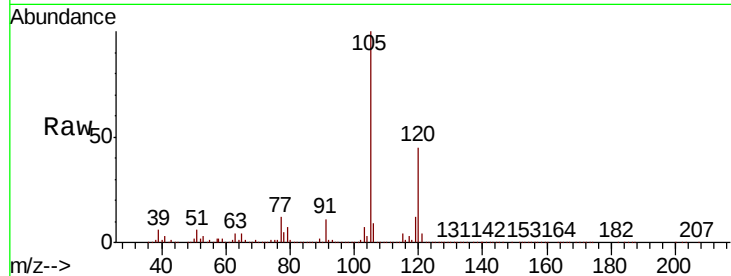
120 44.4 22.4 67.3

Manual Integrations

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#85

sec-Butylbenzene

Concen: 50.343 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019325.D

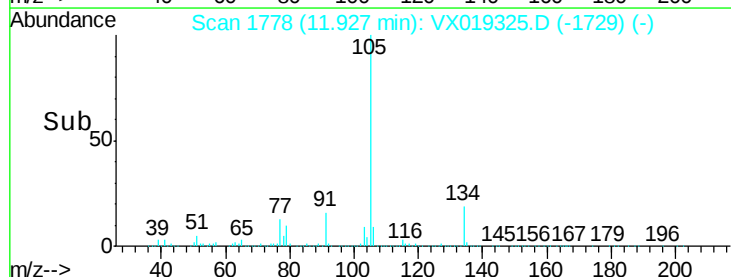
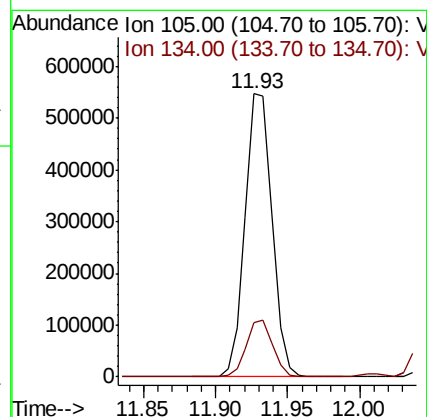
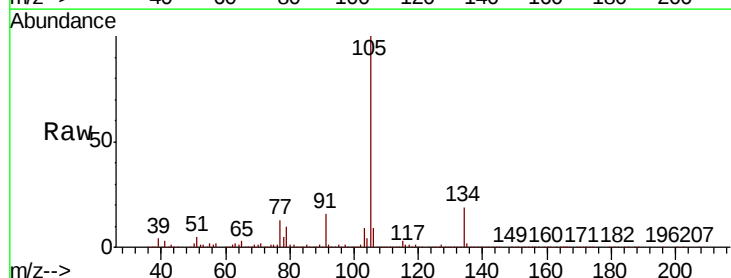
Acq: 05 Nov 2020 19:25

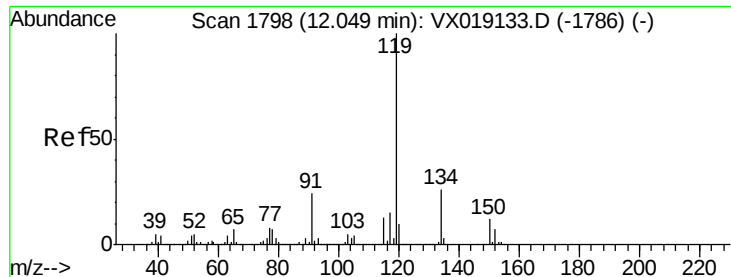
Tgt Ion:105 Resp: 708851

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1





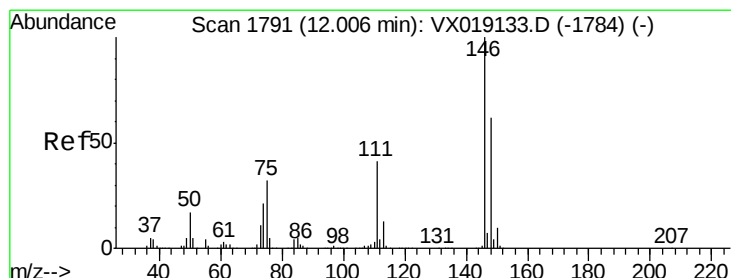
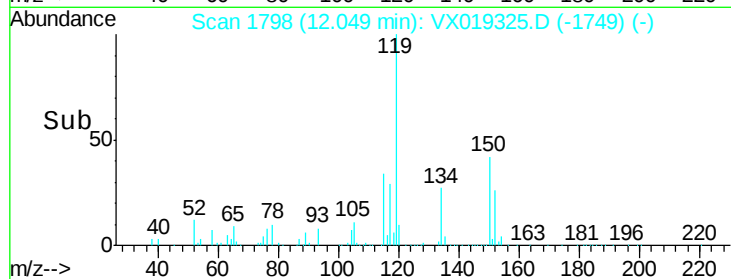
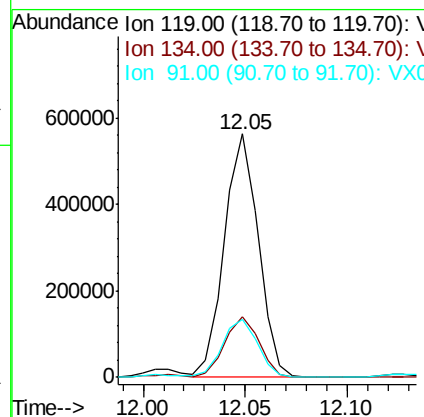
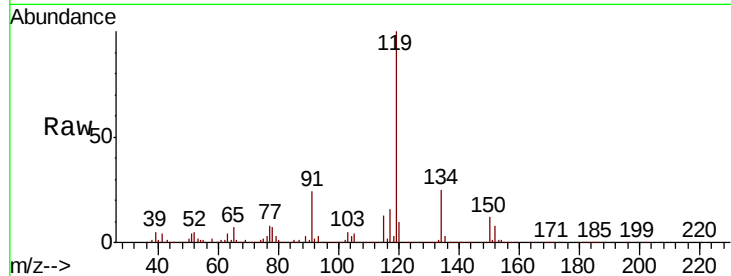
#86
p-Isopropyltoluene
Concen: 49.974 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.9	38.7
91	24.4	12.0	36.0

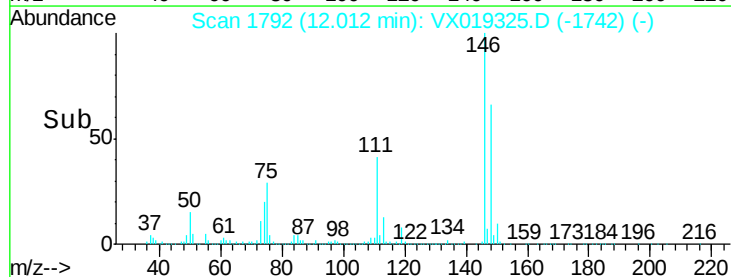
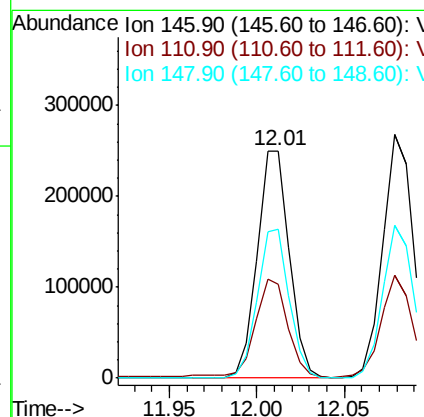
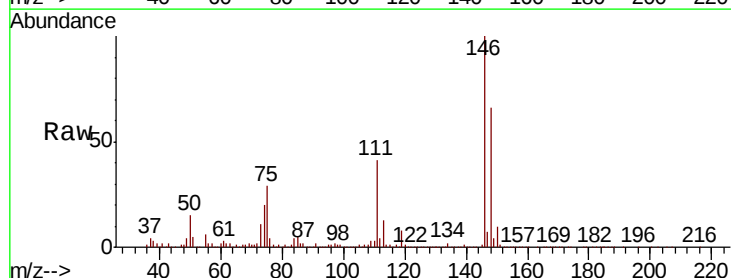
Manual Integrations
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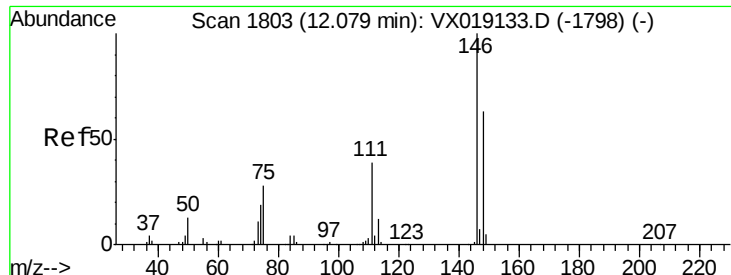
MMDadoda
11/6/2020 9:23:22 AM



#87
1,3-Dichlorobenzene
Concen: 47.782 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. 0.01 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	20.4	61.2
148	64.7	31.6	94.8





#88

1,4-Dichlorobenzene

Concen: 46.680 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

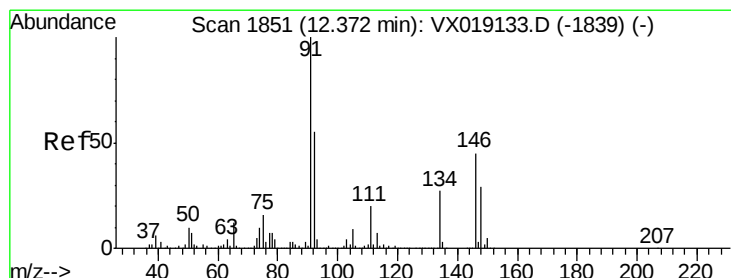
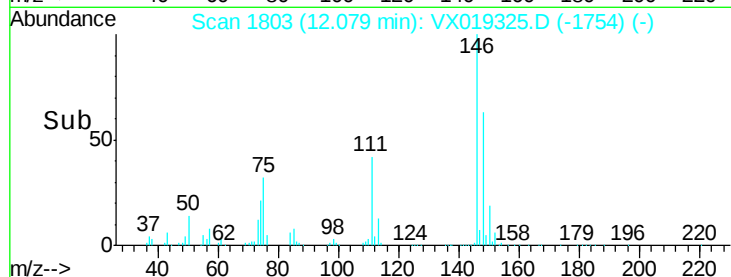
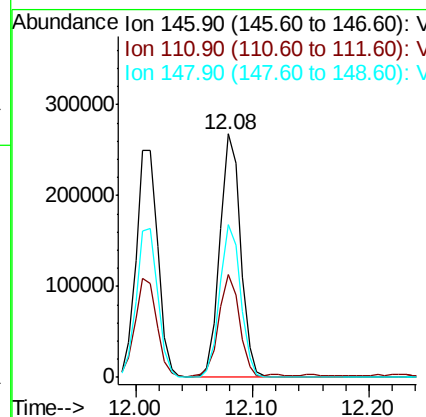
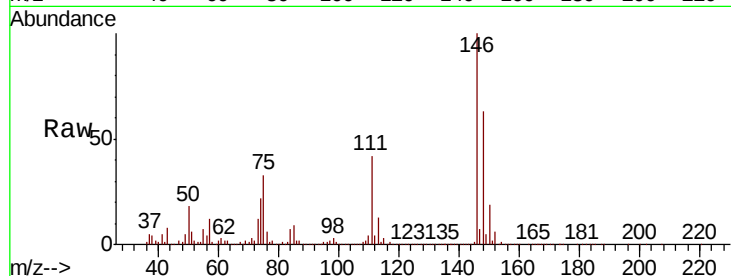
ClientSampleId :

FA2O-MMW3414MS

Tot Ion:	146	Resp:	325954
Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.2	60.5
148	63.1	31.3	93.8

Manual Integrations
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#89

n-Butylbenzene

Concen: 52.219 ug/l

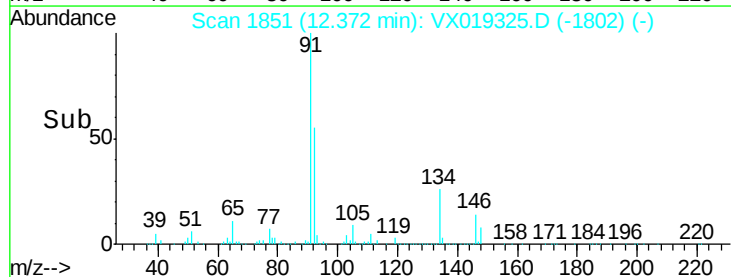
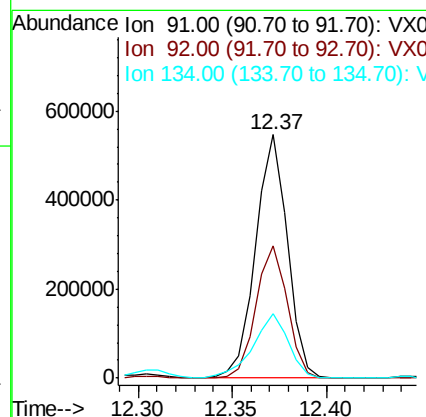
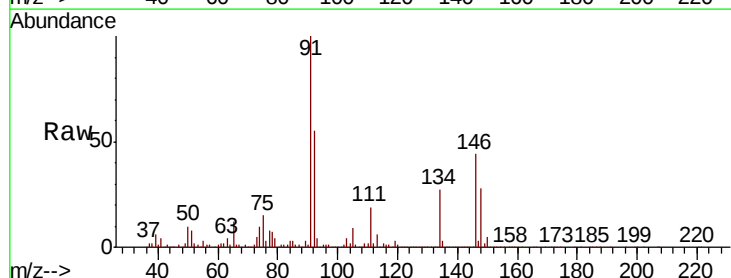
RT: 12.37 min Scan# 1851

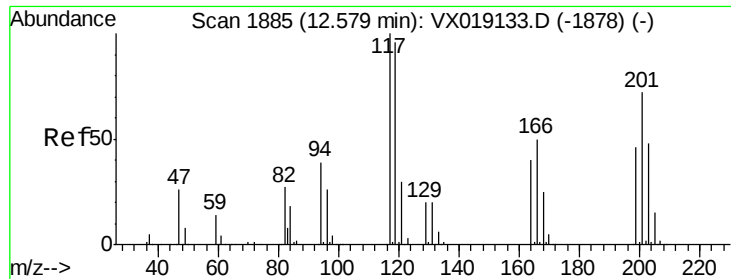
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:	91	Resp:	637905
Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.5	82.4
134	29.8	13.2	39.6





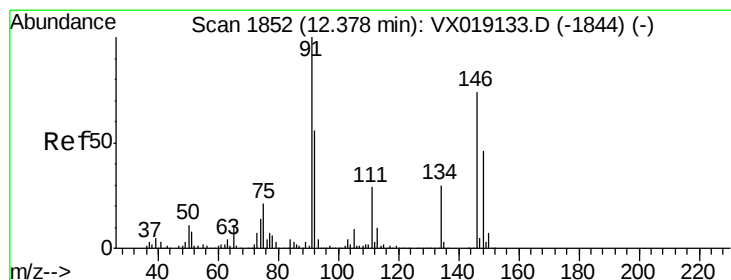
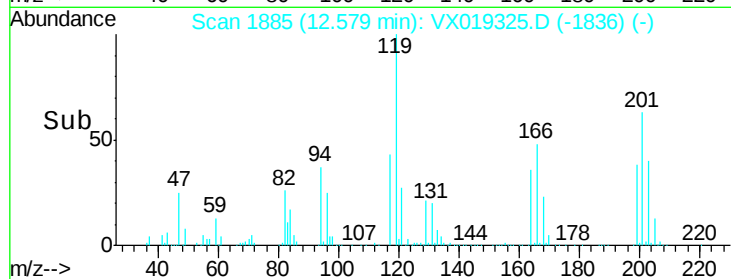
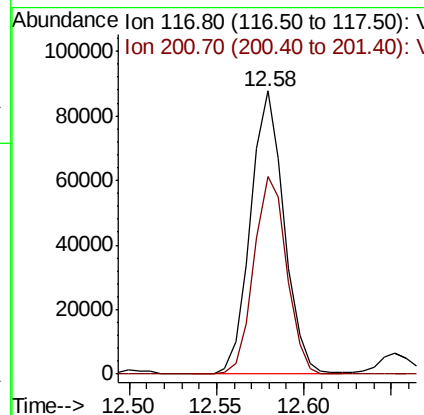
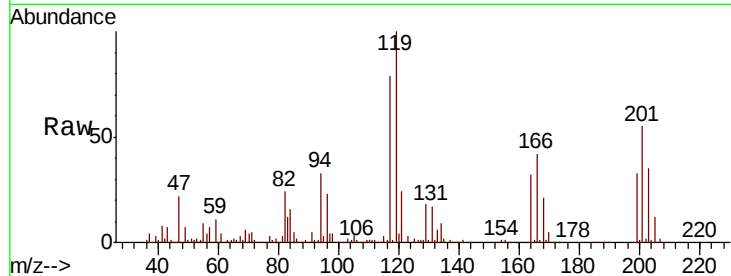
#90
Hexachloroethane
Concen: 52.607 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Instrument :
MSVOA_X
ClientSampleId :
FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
117	100		
201	68.7	38.5	115.3

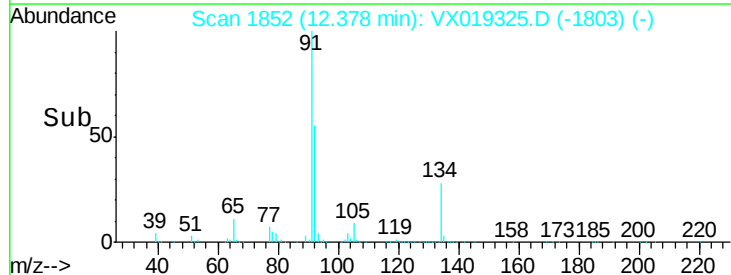
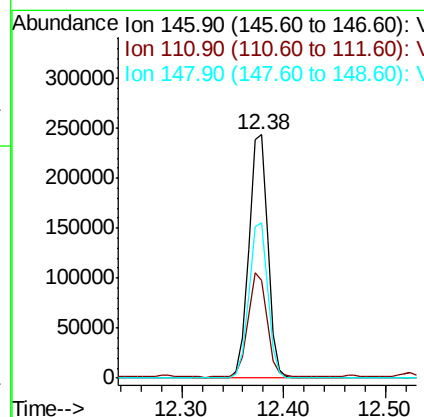
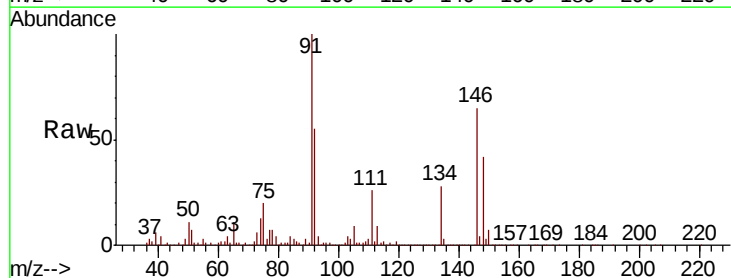
Manual Integrations
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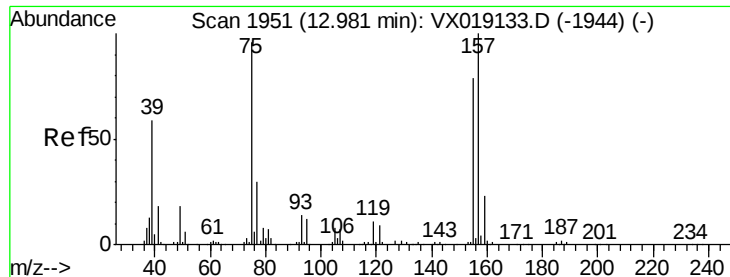
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#91
1,2-Dichlorobenzene
Concen: 48.376 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. 0.00 min
Lab File: VX019325.D
Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.2	63.6
148	63.8	31.6	94.7





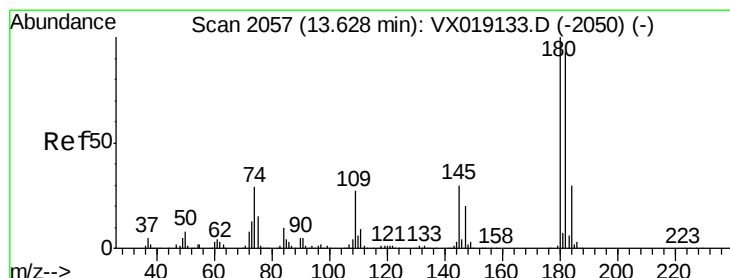
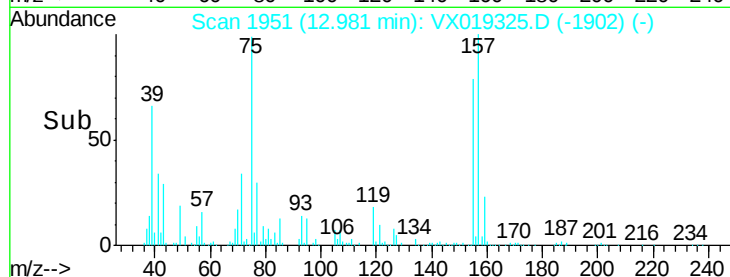
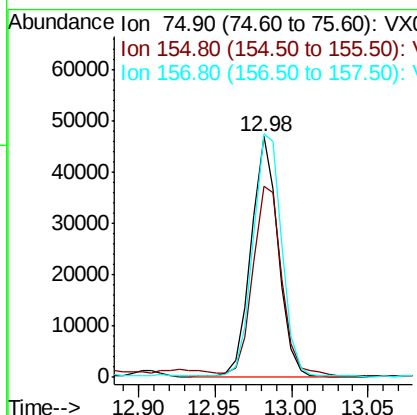
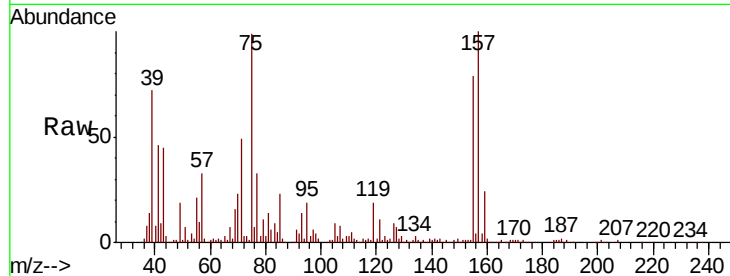
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.892 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	85.0	42.8	128.4
157	107.5	54.8	164.4

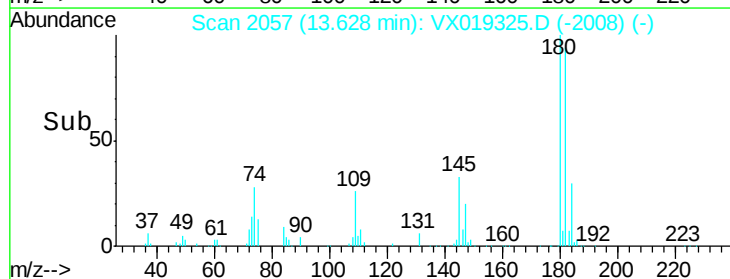
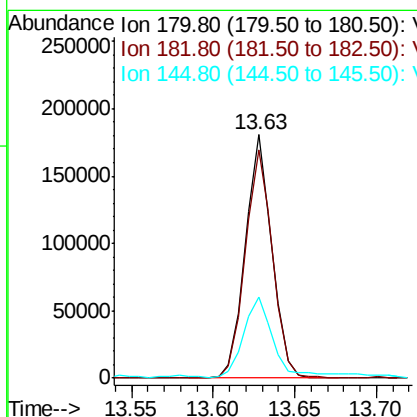
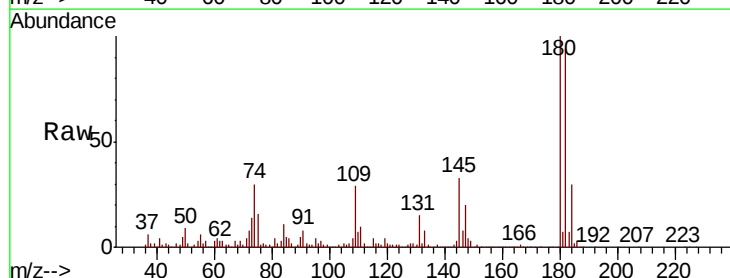
Manual Integrations
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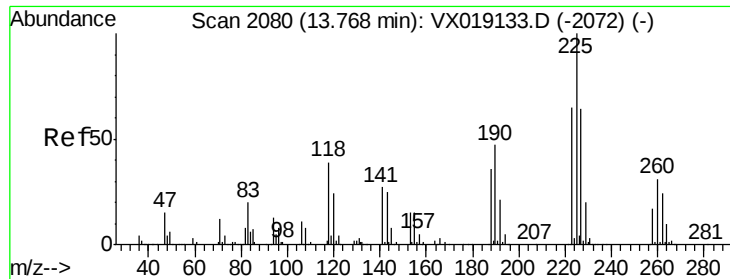
MMDadoda
 11/6/2020 9:23:22 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 42.175 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	46.8	140.3
145	39.0	15.5	46.5





#94

Hexachlorobutadiene

Concen: 39.254 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Instrument :

MSVOA_X

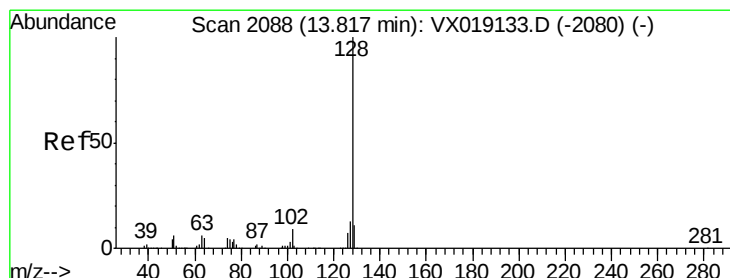
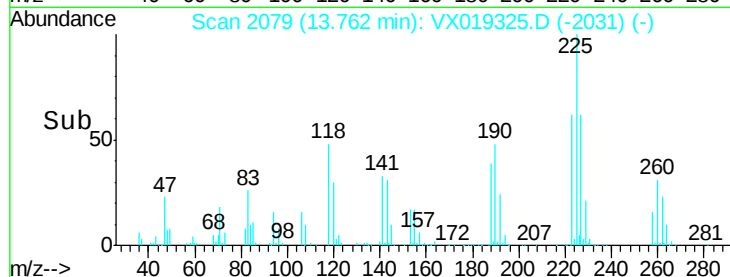
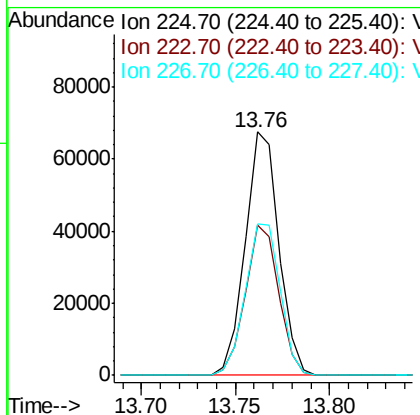
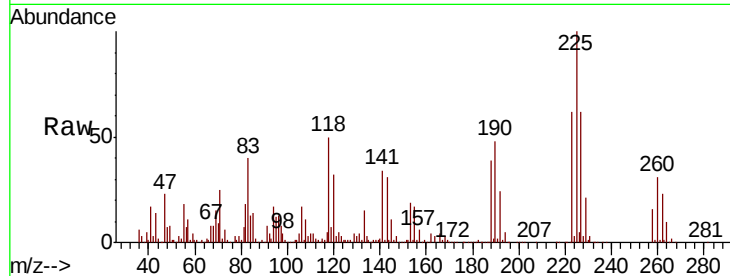
ClientSampleId :

FA2O-MMW3414MS

Tot Ion:	225	Resp:	83603
Ion Ratio	Lower	Upper	
225	100		
223	61.5	32.4	97.2
227	64.5	31.6	94.7

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:23:22 AM



#95

Naphthalene

Concen: 53.805 ug/l

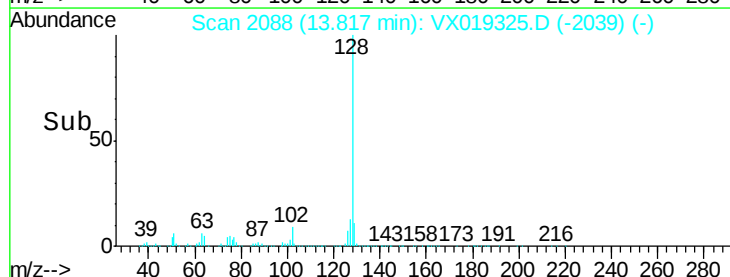
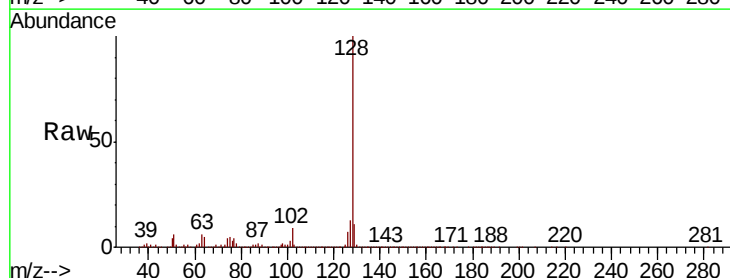
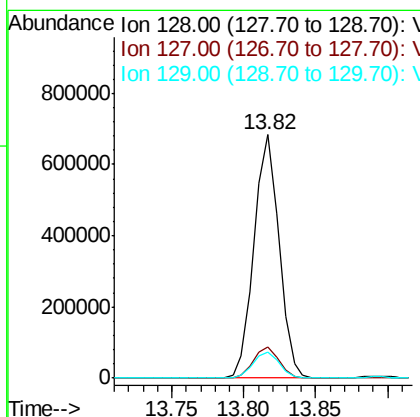
RT: 13.82 min Scan# 2088

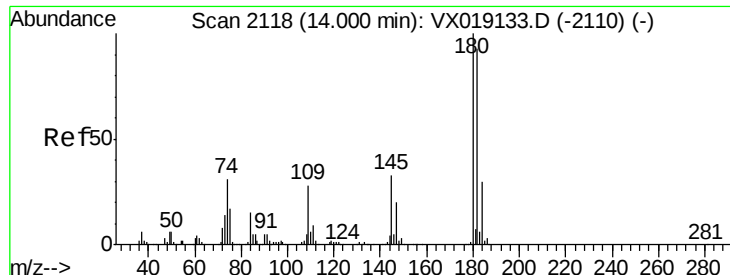
Delta R.T. 0.00 min

Lab File: VX019325.D

Acq: 05 Nov 2020 19:25

Tgt Ion:	128	Resp:	819894
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	11.0	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 42.812 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX019325.D
 Acq: 05 Nov 2020 19:25

Instrument :
 MSVOA_X
 ClientSampleId :
 FA2O-MMW3414MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.4	47.8	143.3
145	36.8	16.5	49.5

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:23:22 AM

