

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019471.D
 Acq On : 19 Nov 2020 17:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
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 11/20/2020 12:25:07 PM

Quant Time: Nov 19 17:46:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50371	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	277080	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	246718	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	107674	31.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.70%
60) 4-Bromofluorobenzene	11.12	95	123845	32.87	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	109.57%
63) Toluene-d8	8.70	98	334123	30.67	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	294645	110.303	ug/l 99
3) Chloromethane	1.31	50	310368	123.338	ug/l 98
4) Vinyl Chloride	1.39	62	352743	111.866	ug/l 99
5) Bromomethane	1.62	94	124445	60.174	ug/l 98
6) Chloroethane	1.69	64	80647	41.701	ug/l 97
7) Trichlorofluoromethane	1.89	101	500339	94.471	ug/l 97
8) Diethyl Ether	2.17	74	203624	101.539	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	282105	108.362	ug/l 100
10) 1,1-Dichloroethene	2.34	96	288098	108.962	ug/l 98
11) Methyl Iodide	2.48	142	392047	145.804	ug/l 98
12) Methyl Acetate	2.75	43	346875	127.401	ug/l 96
13) Acrolein	2.28	56	256154	876.359	ug/l 99
14) Acrylonitrile	3.12	53	845390	653.726	ug/l 99
15) Acetone	2.43	58	242570	645.210	ug/l 99
16) Carbon Disulfide	2.54	76	790456	109.531	ug/l 99
17) Allyl chloride	2.70	41	446347	130.502	ug/l 98
18) Methylene Chloride	2.83	84	339152	110.761	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	328986	107.941	ug/l 98
20) Diisopropyl ether	3.82	45	941331	133.529	ug/l 98
21) 1,1-Dichloroethane	3.67	63	569614	114.895	ug/l 100
22) cis-1,2-Dichloroethene	4.56	96	379288	107.378	ug/l 97
23) tert-Butyl Alcohol	3.06	59	355730	570.686	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1021117	120.473	ug/l 100
25) Chloroform	5.17	83	588833	108.177	ug/l 99
26) Cyclohexane	5.54	56	496180	126.302	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	446606	110.027	ug/l 99
30) 2-Butanone	4.64	43	1101322	639.431	ug/l 99
31) 2,2-Dichloropropane	4.54	77	502048	108.108	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	516239	106.023	ug/l 99
33) Carbon Tetrachloride	5.75	117	448343	106.402	ug/l 97
34) Benzene	6.11	78	1354025	111.461	ug/l 99
35) Methacrylonitrile	5.01	41	230450	126.793	ug/l 96
36) 1,2-Dichloroethane	6.16	62	460605	110.179	ug/l 100
37) Trichloroethene	7.19	130	358830	104.323	ug/l 96
38) Methylcyclohexane	7.44	83	549098	118.661	ug/l 98
39) 1,2-Dichloropropane	7.49	63	338912	117.864	ug/l 99
40) Dibromomethane	7.63	93	232982	106.761	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	473090	110.527	ug/l	98
42) Vinyl Acetate	3.79	43	4125369	633.681	ug/l	99
43) Ethyl Acetate	4.80	43	433526	123.417	ug/l	98
44) Isopropyl Acetate	6.42	43	702606	120.065	ug/l	99
45) 1,4-Dioxane	7.72	88	156265	2512.044	ug/l	96
46) Methyl methacrylate	7.74	41	347905	125.442	ug/l	96
47) n-amyl Acetate	10.88	43	610514	129.486	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	516782	108.585	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	567858	111.481	ug/l	98
50) 1,1,2-Trichloroethane	9.20	97	337248	105.491	ug/l	95
51) Ethyl methacrylate	9.16	69	514609	112.366	ug/l	99
52) 1,3-Dichloropropane	9.35	76	571080	109.767	ug/l	99
53) Dibromochloromethane	9.57	129	355711	102.411	ug/l	98
54) 1,2-Dibromoethane	9.65	107	352999	103.027	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	1386349	572.672	ug/l	100
56) Bromoform	10.84	173	262841	108.399	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	2092204	629.341	ug/l	99
59) 2-Hexanone	9.48	43	1616668	650.049	ug/l	99
61) Tetrachloroethene	9.32	164	328120	106.619	ug/l	97
62) Toluene	8.76	91	1442885	107.662	ug/l	99
64) Chlorobenzene	10.12	112	874965	104.805	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	328829	108.221	ug/l	99
66) Ethyl Benzene	10.23	91	1602411	108.802	ug/l	97
67) m/p-Xylenes	10.34	106	1206363	215.148	ug/l	98
68) o-Xylene	10.68	106	575881	107.694	ug/l	99
69) Styrene	10.70	104	992368	109.803	ug/l	99
70) Isopropylbenzene	11.00	105	1532011	106.090	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	526855	122.834	ug/l	99
72) 1,1,2,3-Trichloropropane	11.28	75	471606m	122.872	ug/l	
73) Bromobenzene	11.24	156	379487	107.393	ug/l	99
74) n-propylbenzene	11.34	91	1818432	111.154	ug/l	100
75) 2-Chlorotoluene	11.40	91	1066497	113.372	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1316693	111.738	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	180718	123.053	ug/l	92
78) 4-Chlorotoluene	11.49	91	1270170	115.305	ug/l	99
79) tert-butylbenzene	11.76	119	1276768	110.978	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1339847	114.387	ug/l	99
81) sec-Butylbenzene	11.93	105	1524232	111.147	ug/l	98
82) p-Isopropyltoluene	12.05	119	1413214	112.304	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	718214	112.755	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	721342	111.595	ug/l	99
85) n-Butylbenzene	12.37	91	1312893	116.755	ug/l	99
86) Hexachloroethane	12.58	117	246656	125.318	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	700150	114.186	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	118120	124.597	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	492286	114.123	ug/l	99
90) Hexachlorobutadiene	13.76	225	212087	112.683	ug/l	97
91) Naphthalene	13.82	128	1620512	115.335	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	498080	118.813	ug/l	98

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VSTDICC100

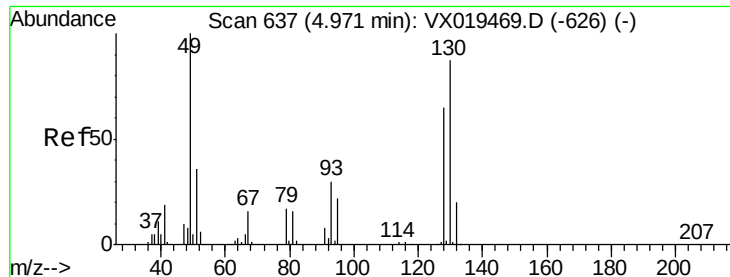
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

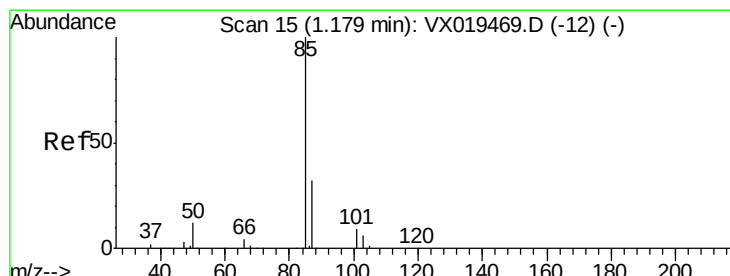
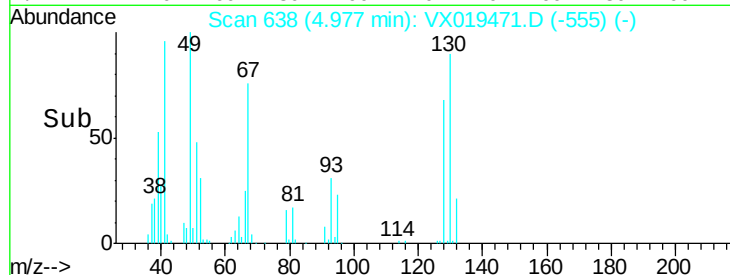
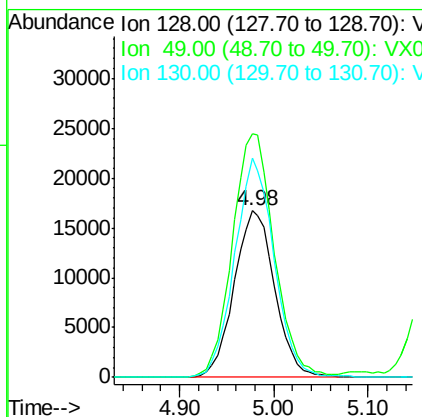
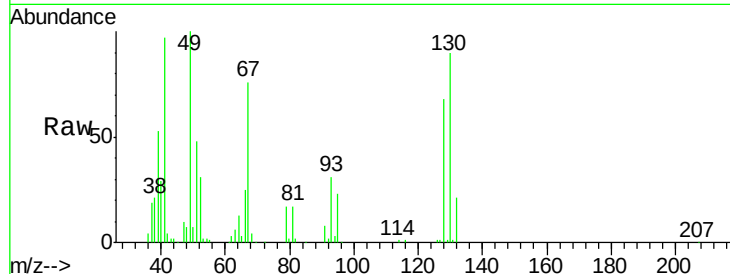
ClientSampleId :

VSTDIC100

Tot Ion:	128	Resp:	50371
Ion	Ratio	Lower	Upper
128	100		
49	150.6	0.0	377.8
130	127.7	0.0	324.0

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#2

Dichlorodifluoromethane

Concen: 110.303 ug/l

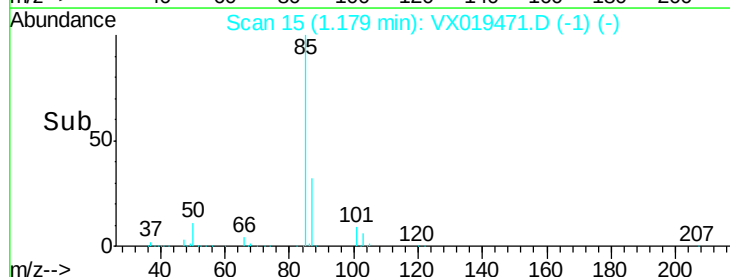
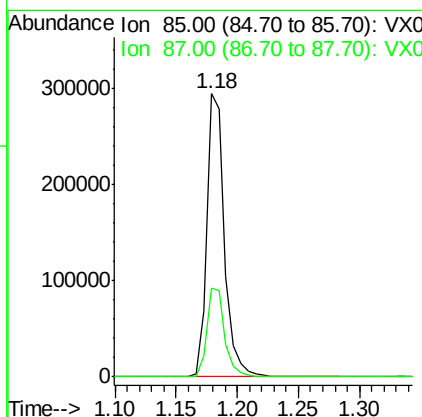
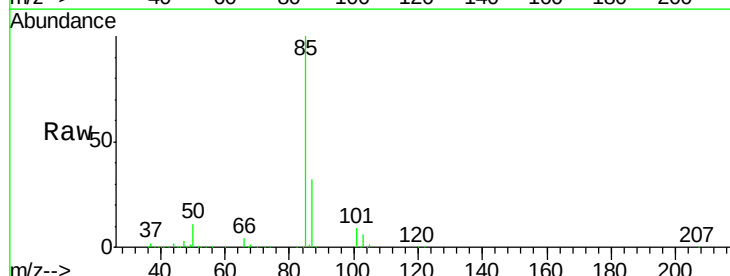
RT: 1.18 min Scan# 15

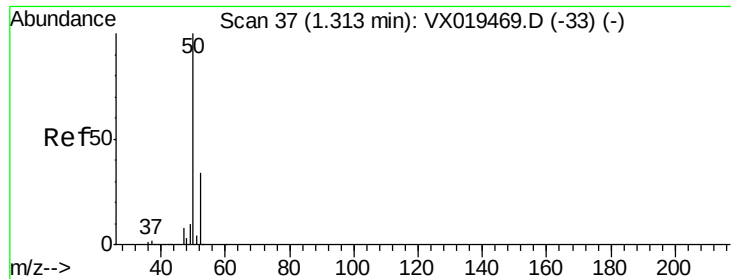
Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	85	Resp:	294645
Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.0	47.9





#3

Chloromethane

Concen: 123.338 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 310368

Ion Ratio Lower Upper

50 100

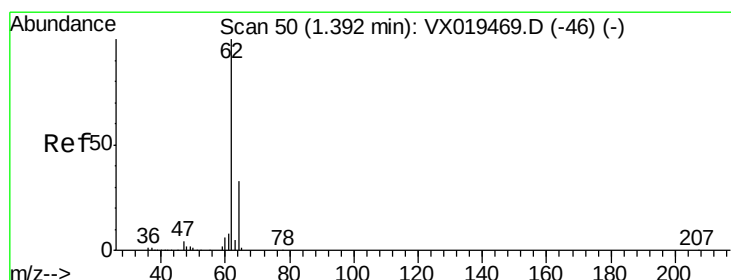
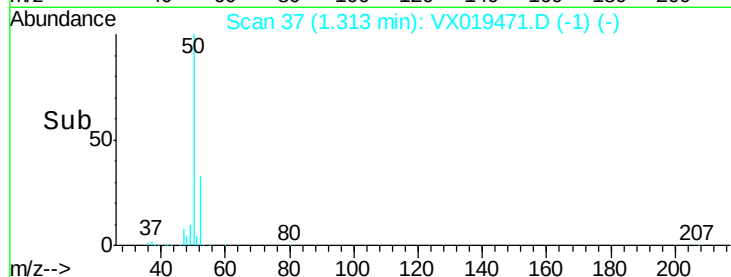
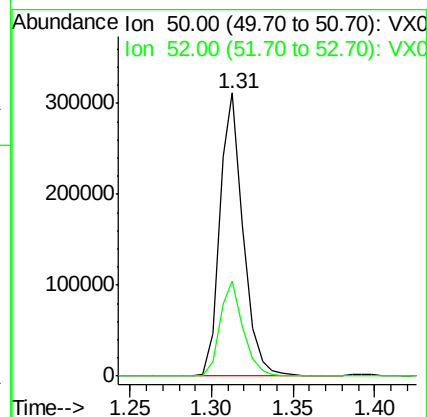
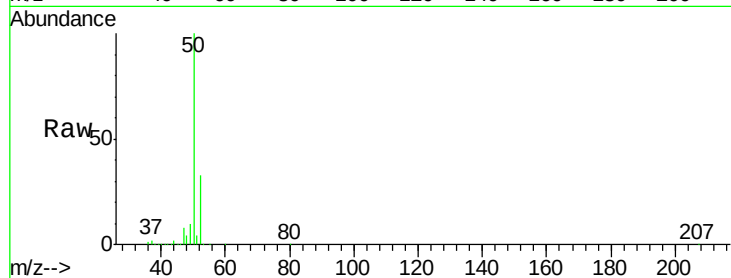
52 33.5 27.5 41.3

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#4

Vinyl Chloride

Concen: 111.866 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019471.D

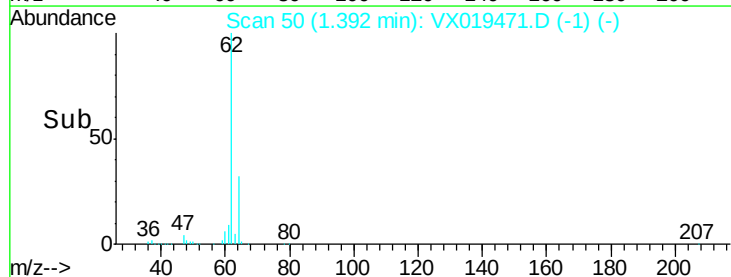
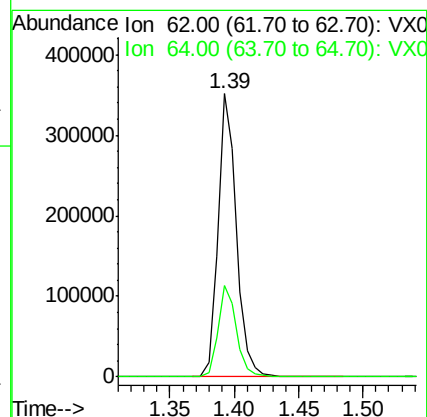
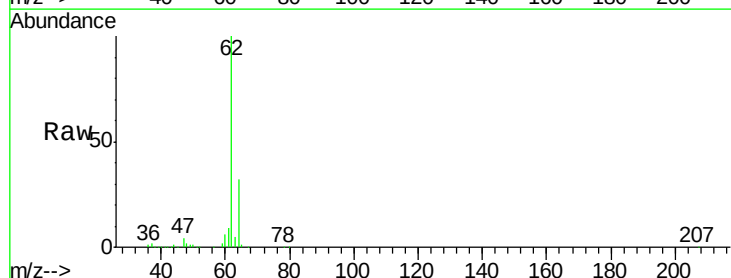
Acq: 19 Nov 2020 17:22

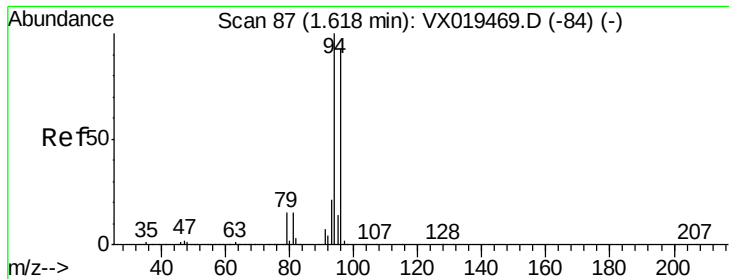
Tgt Ion: 62 Resp: 352743

Ion Ratio Lower Upper

62 100

64 32.4 26.4 39.6





#5

Bromomethane

Concen: 60.174 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 124445

Ion Ratio Lower Upper

94 100

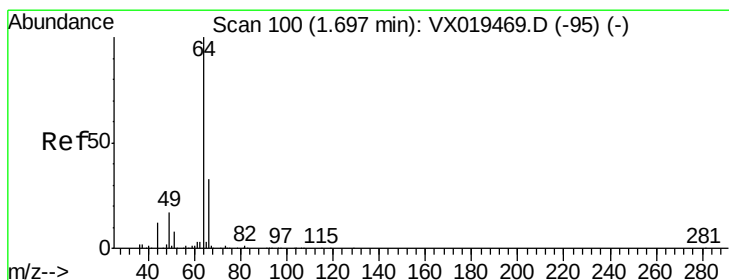
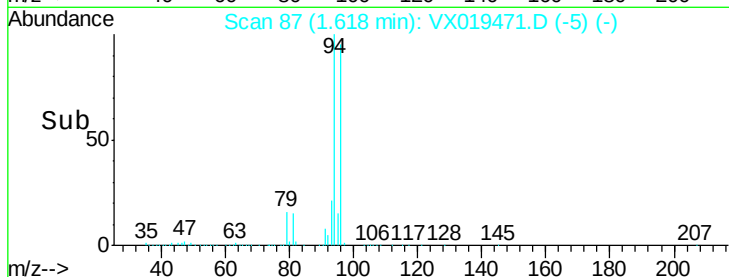
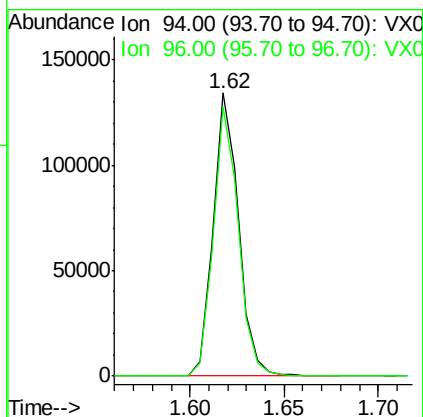
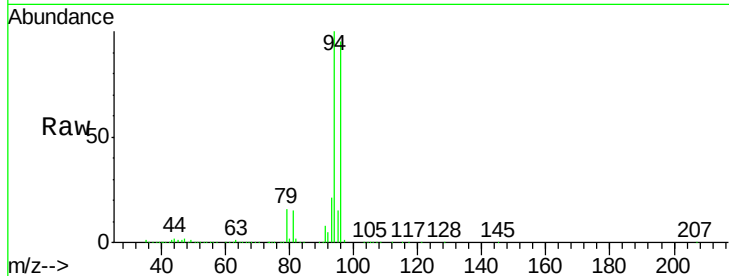
96 95.3 74.6 111.8

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#6

Chloroethane

Concen: 41.701 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019471.D

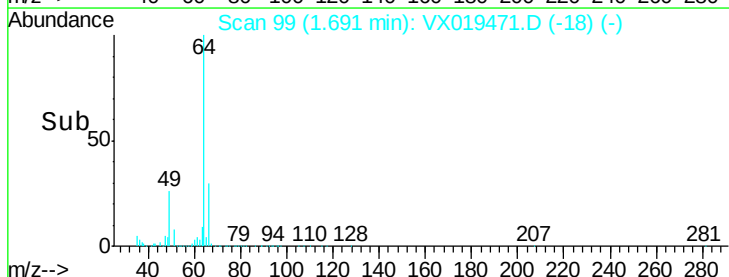
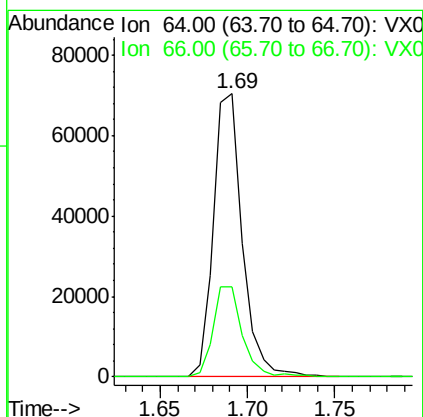
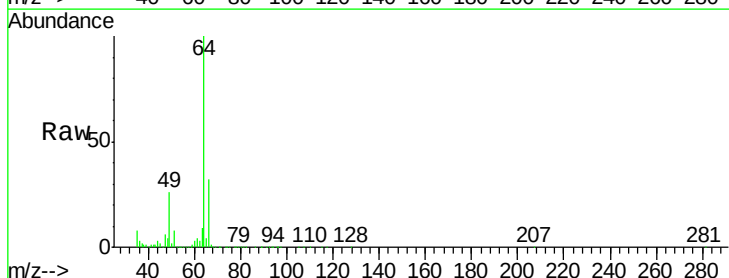
Acq: 19 Nov 2020 17:22

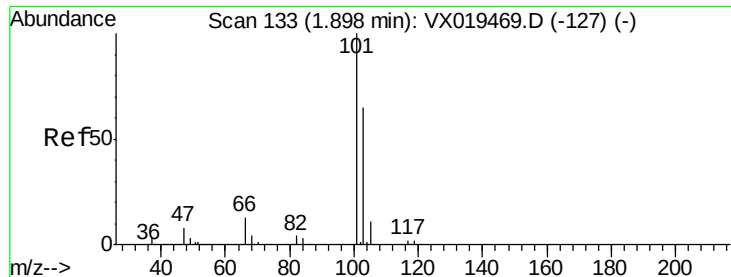
Tgt Ion: 64 Resp: 80647

Ion Ratio Lower Upper

64 100

66 31.8 26.6 40.0





#7

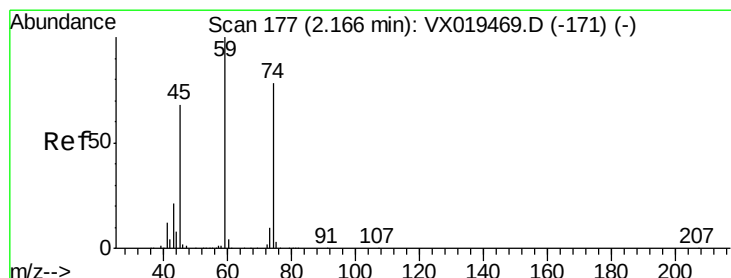
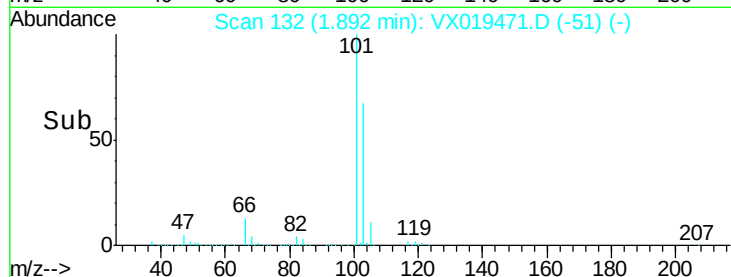
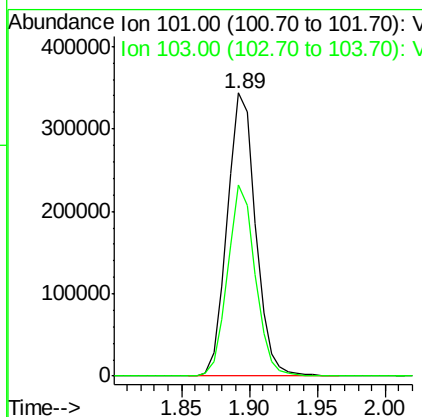
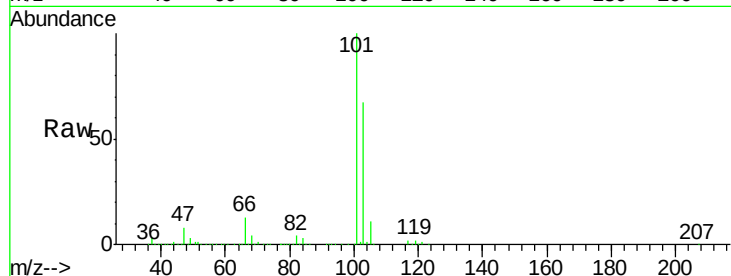
Trichlorofluoromethane
 Concen: 94.471 ug/l
 RT: 1.89 min Scan# 132
 Delta R.T. -0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.5	51.8	77.6

Manual Integrations
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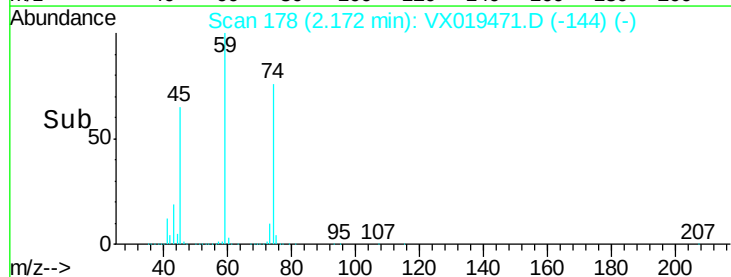
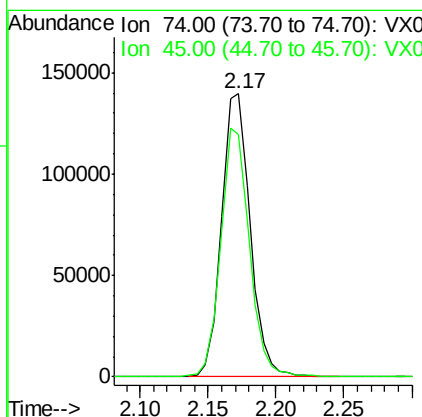
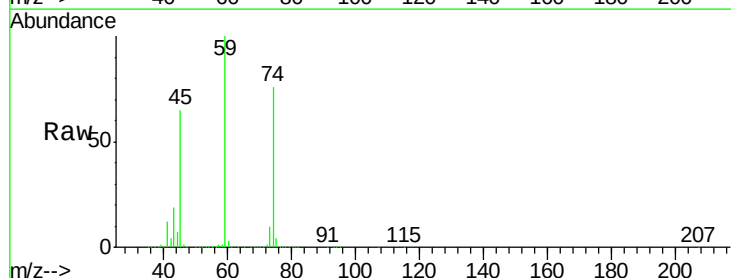
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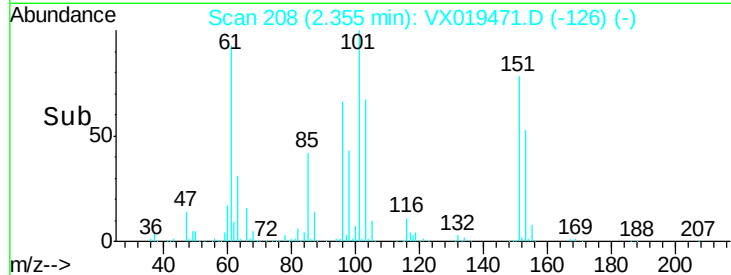
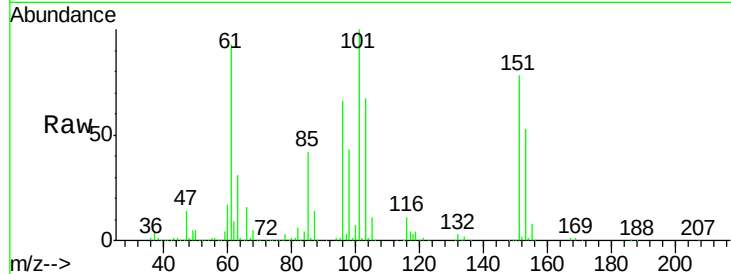
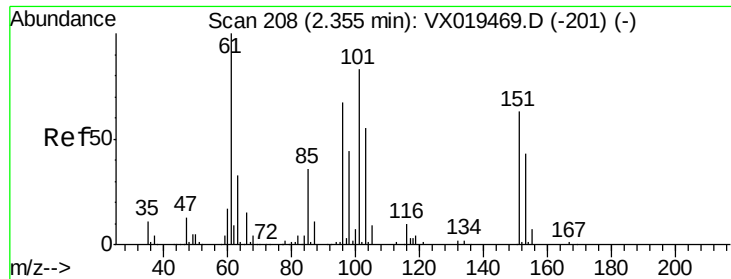


#8

Diethyl Ether
 Concen: 101.539 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019471.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.9	17.2	155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 108.362 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019471.D

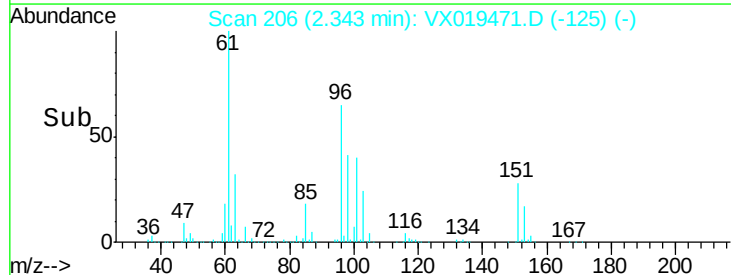
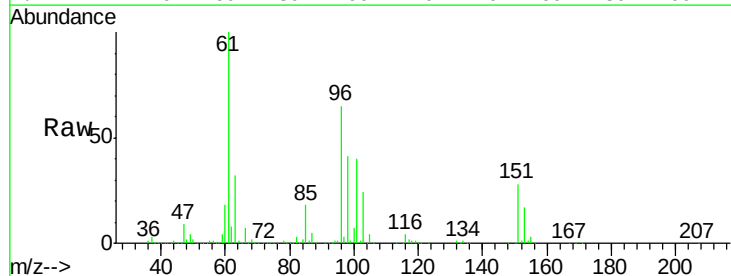
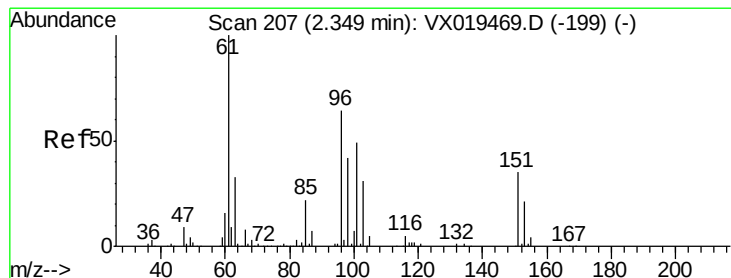
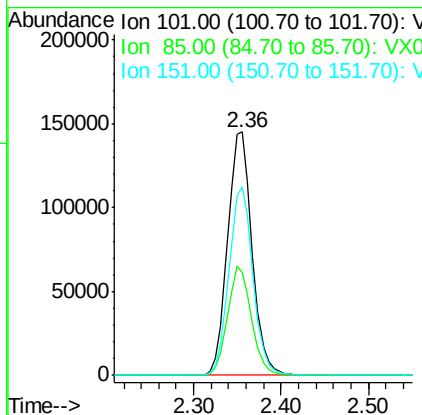
Acq: 19 Nov 2020 17:22

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MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
101	100	282105		
85	43.6	0.0	88.8	
151	76.4	0.0	153.0	

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#10

1,1-Dichloroethene

Concen: 108.962 ug/l

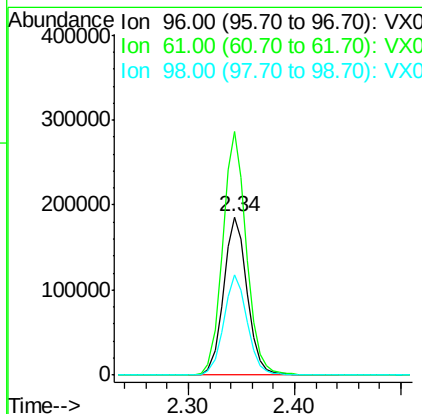
RT: 2.34 min Scan# 206

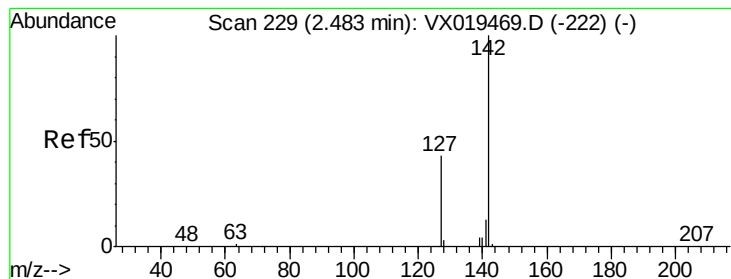
Delta R.T. -0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	288098		
61	154.3	125.4	188.2	
98	63.6	52.4	78.6	





#11

Methvl Iodide

Concen: 145.804 ug/l

RT: 2.48 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

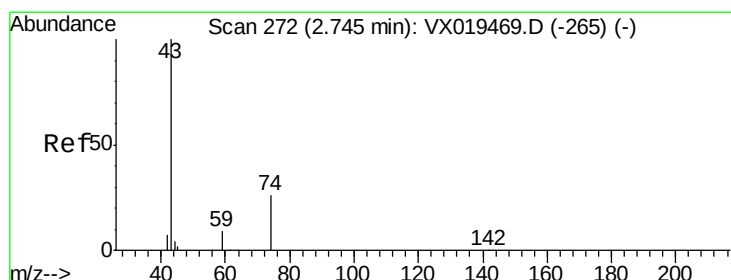
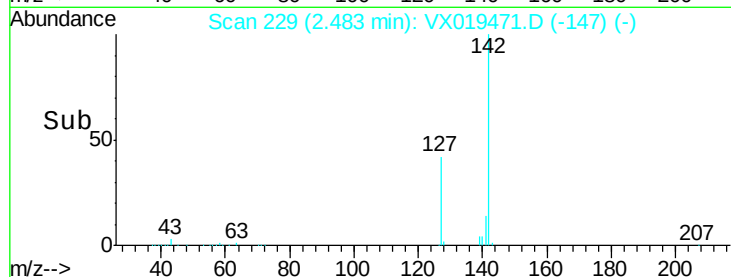
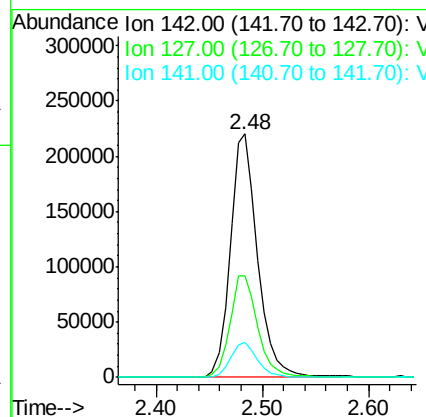
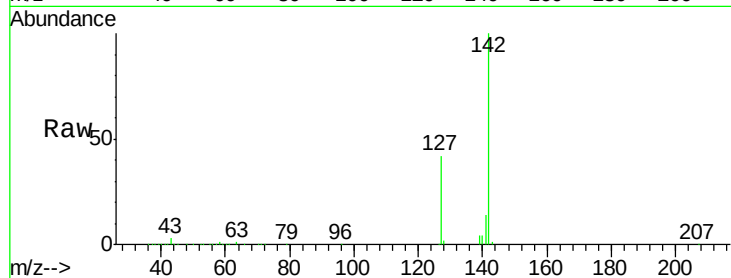
ClientSampleId :

VSTDIC100

Tot Ion:	142	Resp:	392047
Ion Ratio	Lower	Upper	
142	100		
127	41.8	21.3	64.0
141	14.5	6.7	20.0

Manual Integrations
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#12

Methyl Acetate

Concen: 127.401 ug/l

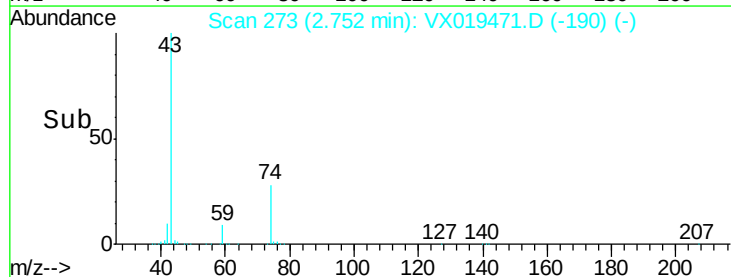
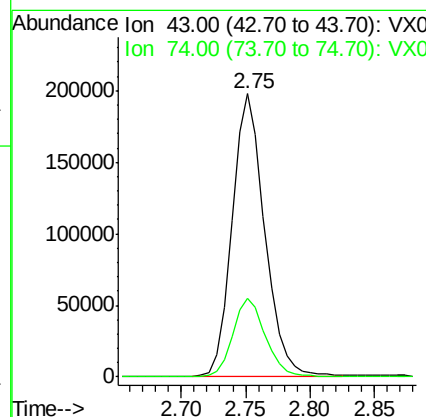
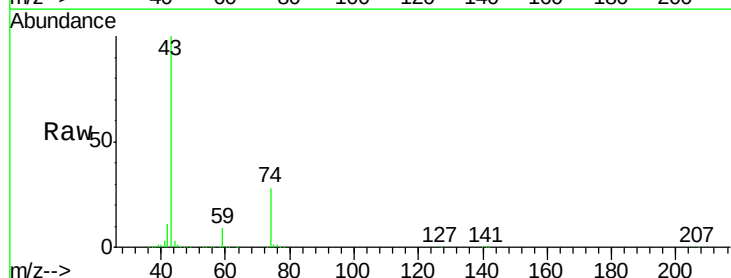
RT: 2.75 min Scan# 273

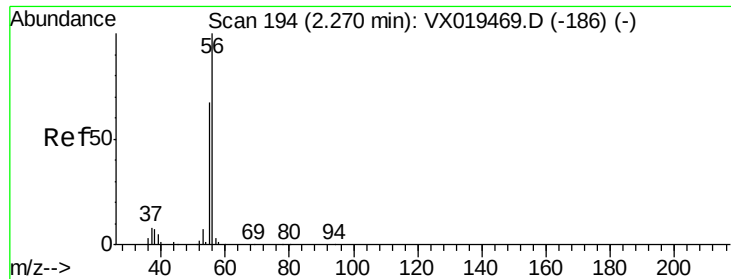
Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	43	Resp:	346875
Ion Ratio	Lower	Upper	
43	100		
74	27.8	20.7	31.1





#13

Acrolein

Concen: 876.359 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 256154

Ion Ratio Lower Upper

56 100

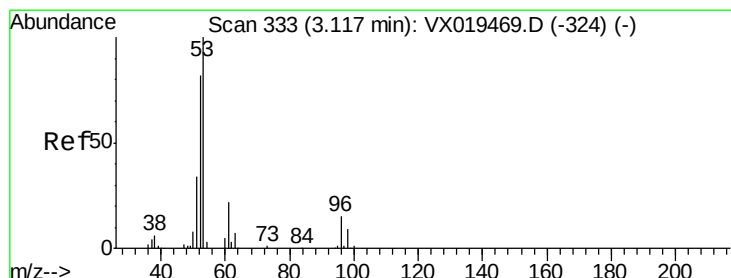
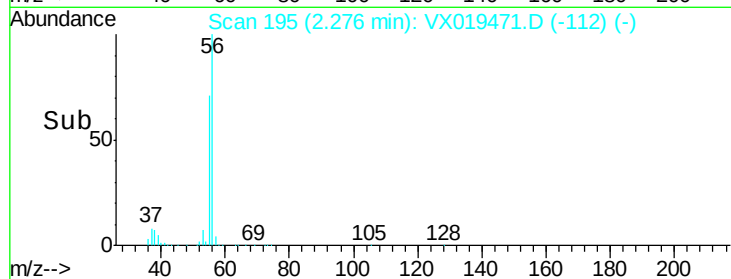
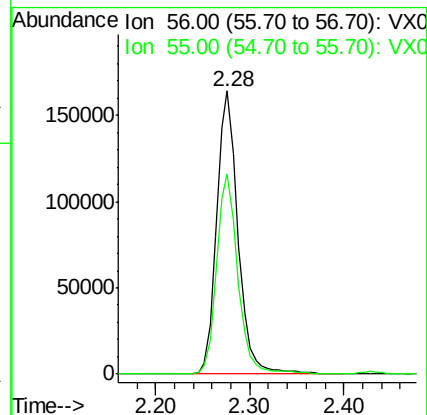
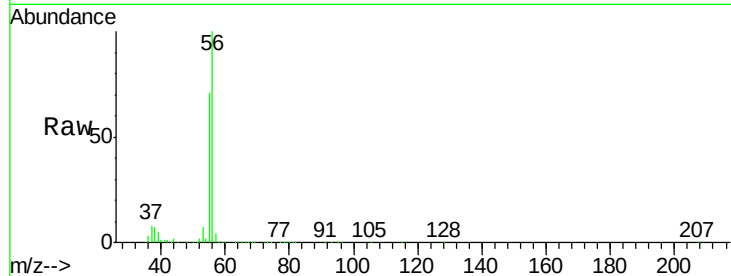
55 70.0 56.5 84.7

Manual Integrations

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#14

Acrylonitrile

Concen: 653.726 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

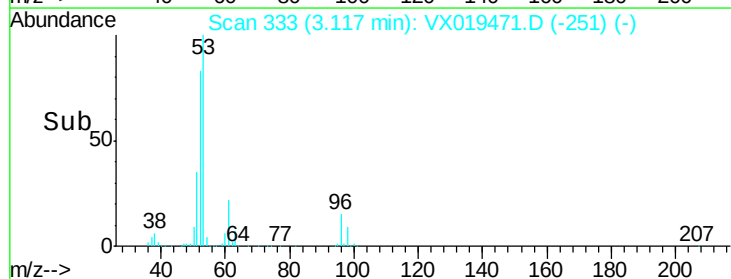
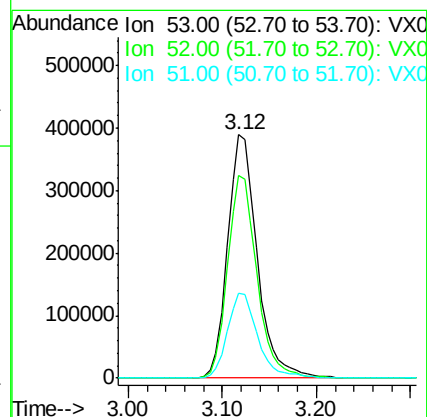
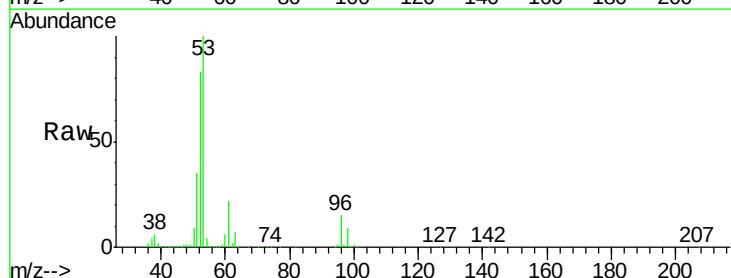
Tgt Ion: 53 Resp: 845390

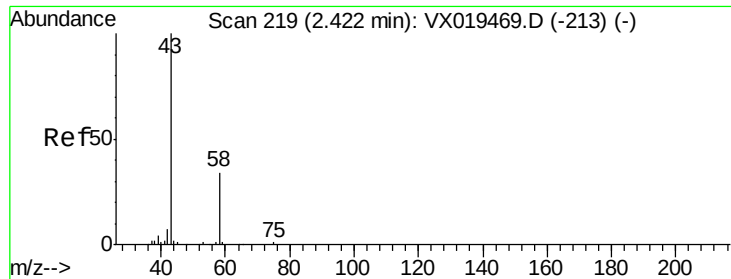
Ion Ratio Lower Upper

53 100

52 83.2 41.3 123.7

51 35.6 17.8 53.3





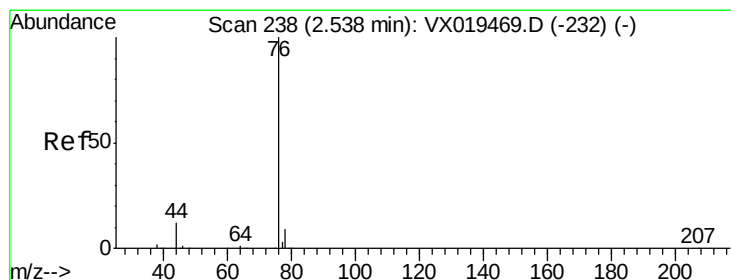
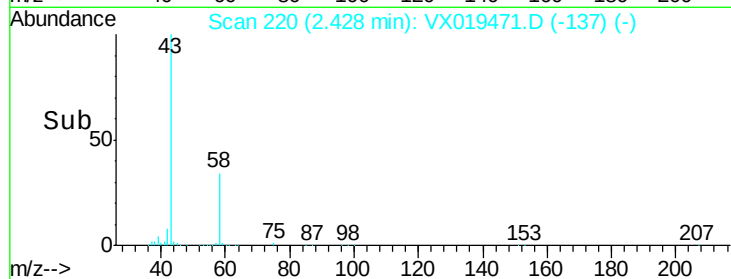
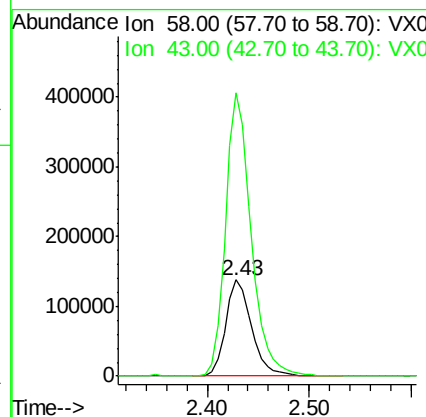
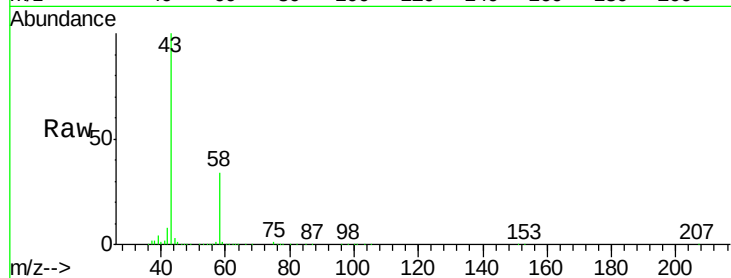
#15
Acetone
Concen: 645.210 ug/l
RT: 2.43 min Scan# 220
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 58 Resp: 242570
Ion Ratio Lower Upper
58 100
43 293.9 236.3 354.5

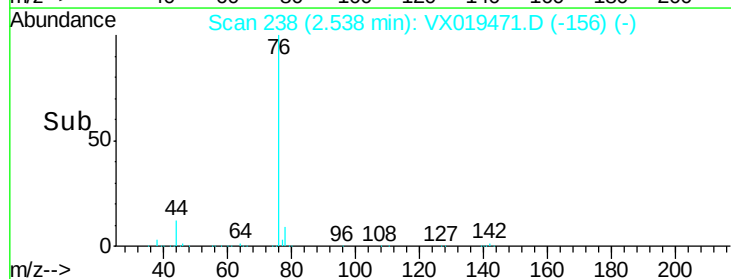
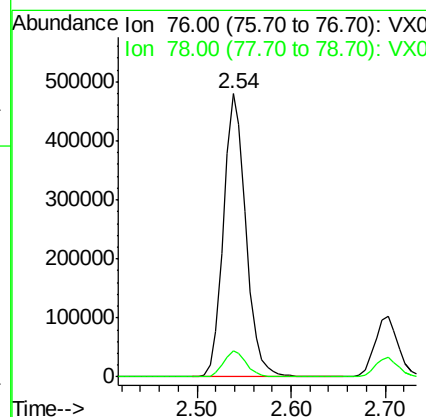
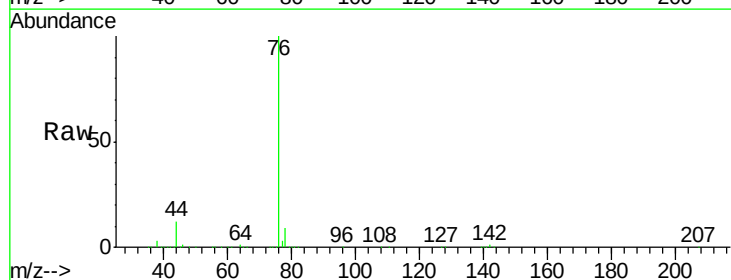
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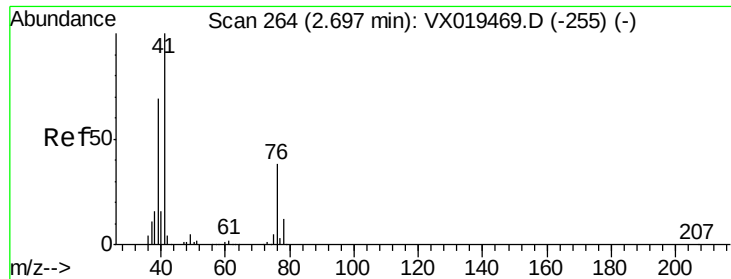
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#16
Carbon Disulfide
Concen: 109.531 ug/l
RT: 2.54 min Scan# 238
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion: 76 Resp: 790456
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





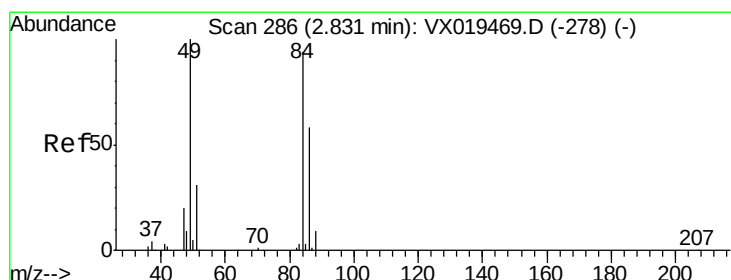
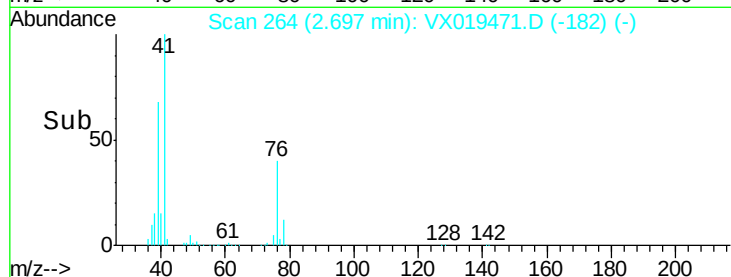
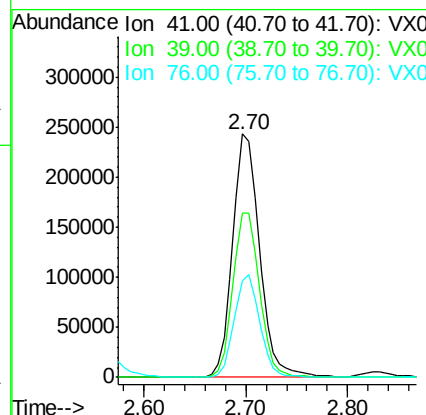
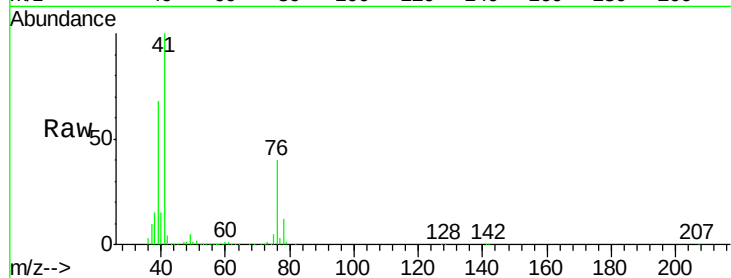
#17
Allvl chloride
Concen: 130.502 ug/l
RT: 2.70 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
41	100		
39	67.7	34.5	103.6
76	39.7	19.3	57.8

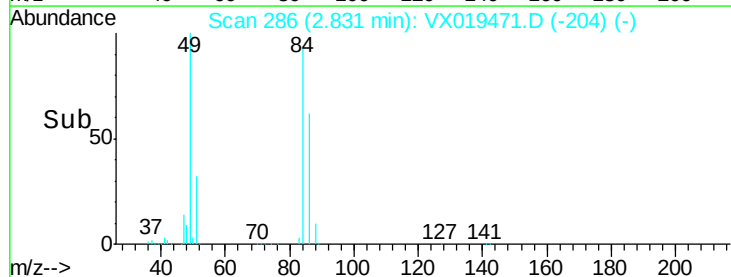
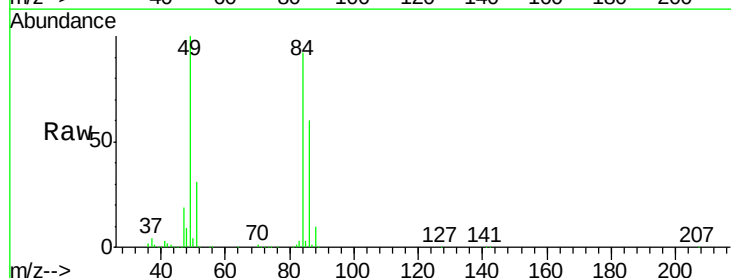
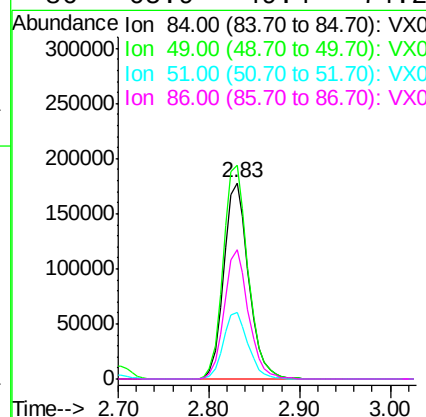
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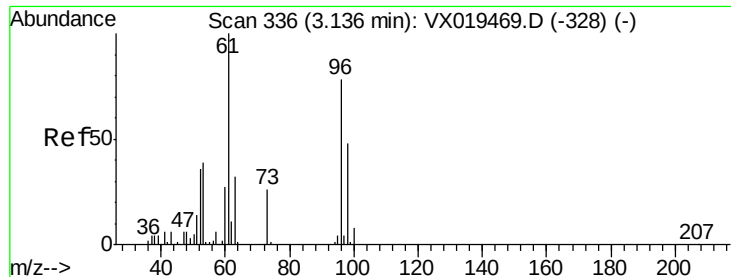
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#18
Methylene Chloride
Concen: 110.761 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.9	85.4	128.0
51	34.2	26.7	40.1
86	65.9	49.4	74.2





#19

trans-1,2-Dichloroethene

Concen: 107.941 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

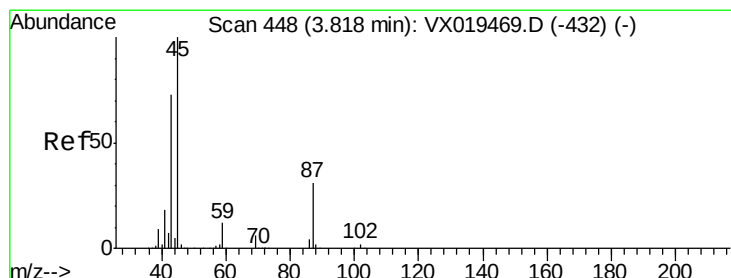
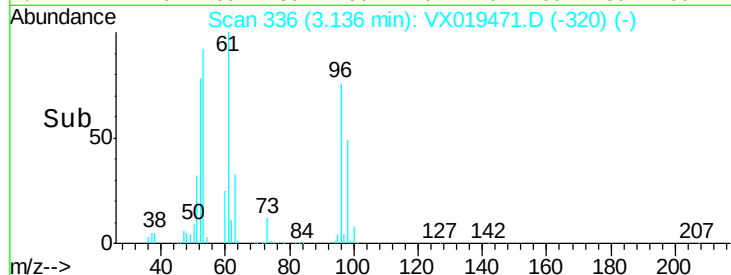
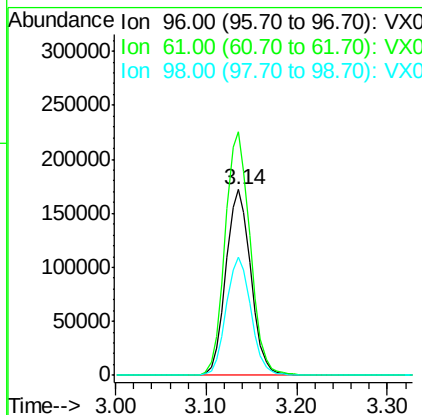
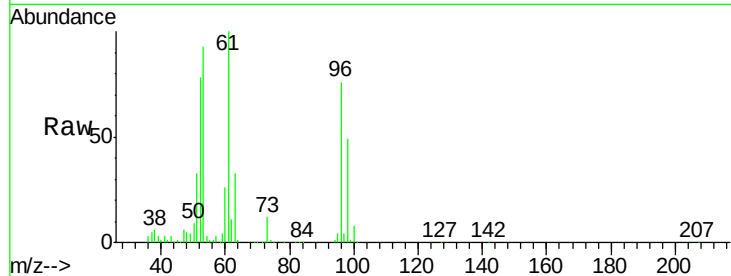
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	328986
Ion	Ratio	Lower	Upper
96	100		
61	131.0	103.2	154.8
98	63.6	49.2	73.8

Manual Integrations
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#20

Diisopropyl ether

Concen: 133.529 ug/l

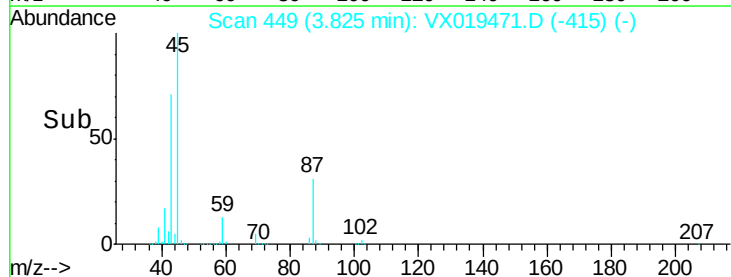
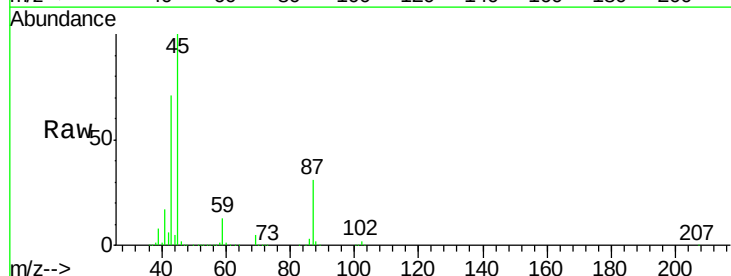
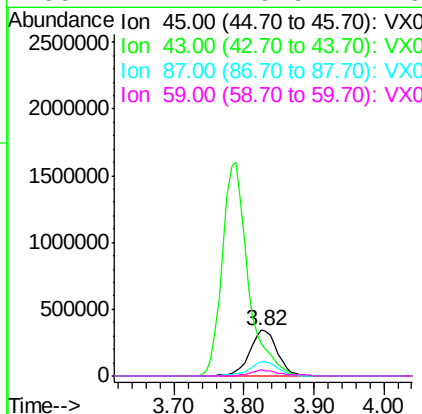
RT: 3.82 min Scan# 449

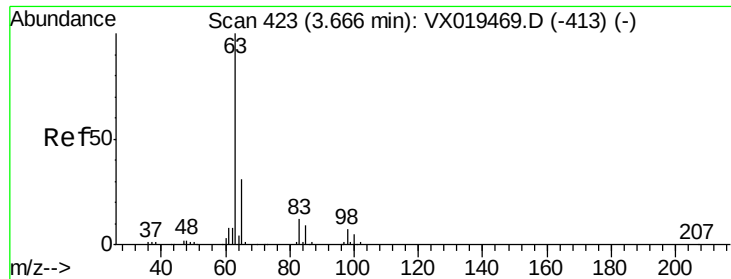
Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	45	Resp:	941331
Ion	Ratio	Lower	Upper
45	100		
43	70.8	58.7	88.1
87	31.5	24.5	36.7
59	12.7	9.9	14.9





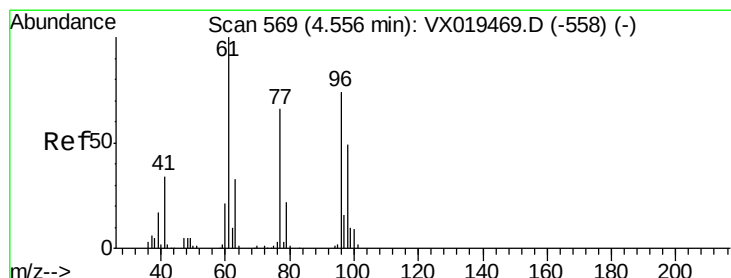
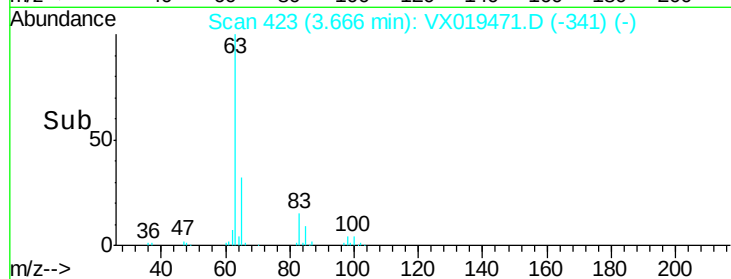
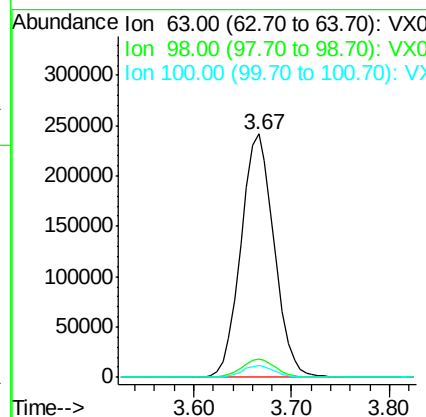
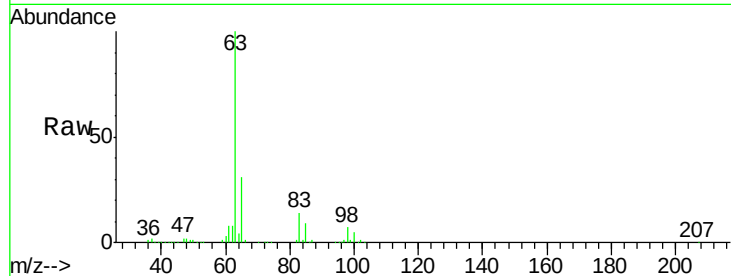
#21
 1,1-Dichloroethane
 Concen: 114.895 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	63	Resp:	569614
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.8	11.2
100	4.7	2.4	7.1

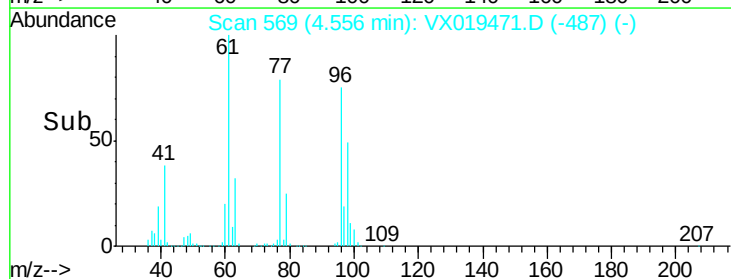
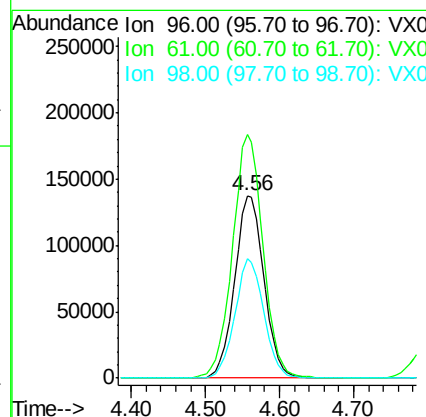
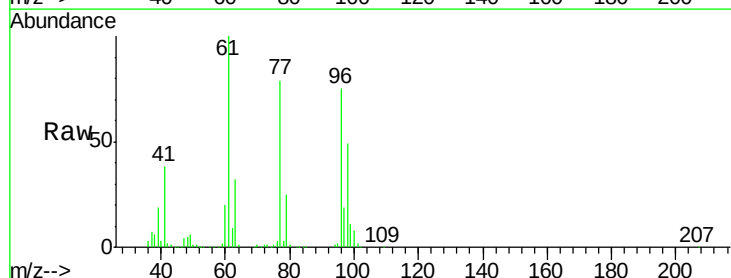
Manual Integrations
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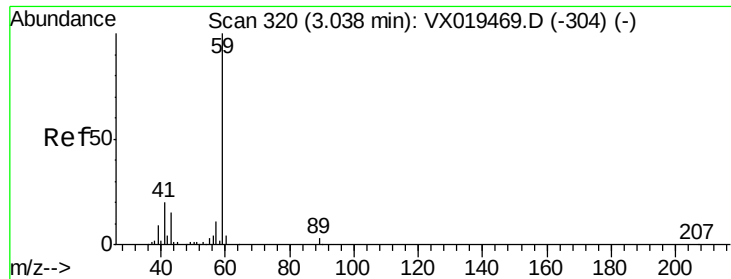
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#22
 cis-1,2-Dichloroethene
 Concen: 107.378 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion:	96	Resp:	379288
Ion Ratio	Lower	Upper	
96	100		
61	138.2	114.2	171.2
98	64.5	51.7	77.5





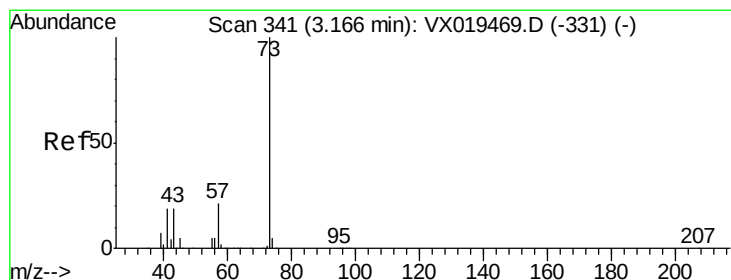
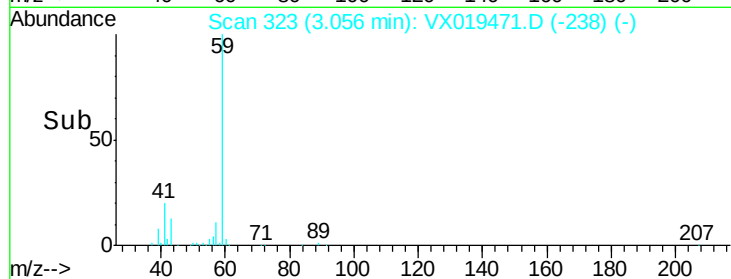
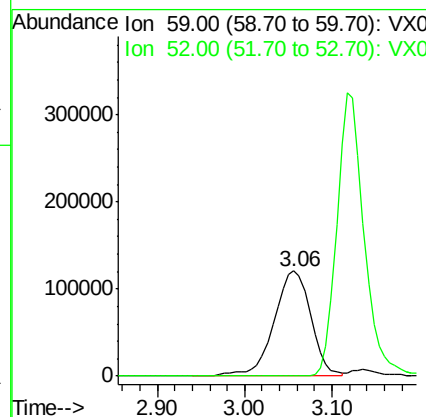
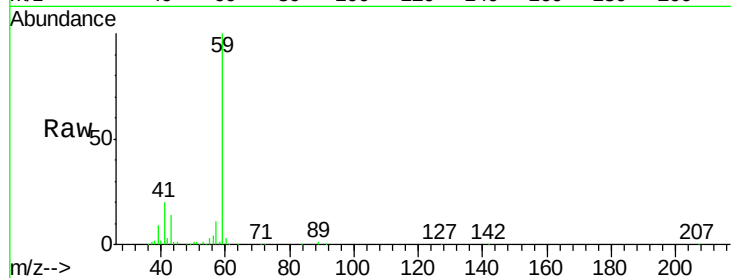
#23
 tert-Butyl Alcohol
 Concen: 570.686 ug/l
 RT: 3.06 min Scan# 323
 Delta R.T. 0.02 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

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

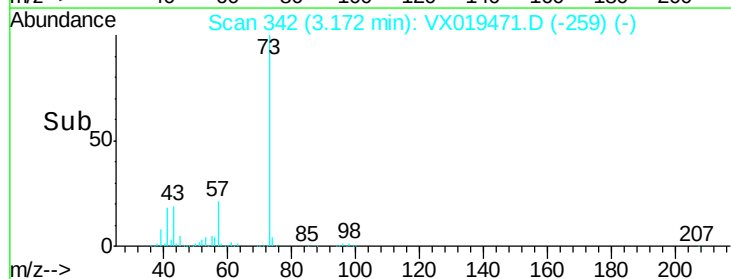
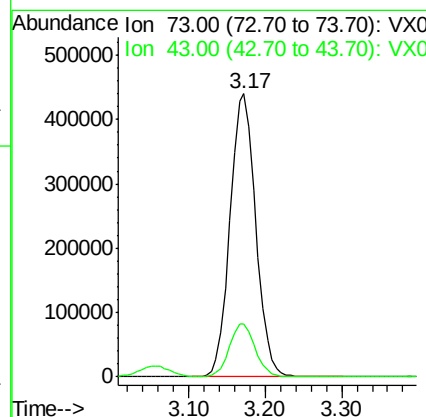
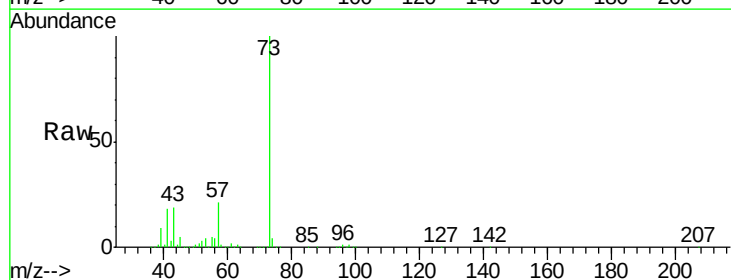
Manual Integrations
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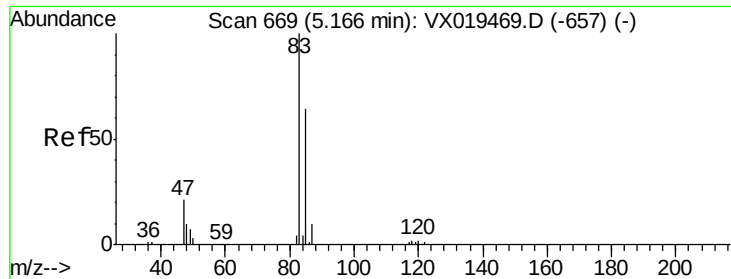
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#24
 Methyl tert-Butyl Ether
 Concen: 120.473 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.7	15.0	22.6





#25

Chloroform

Concen: 108.177 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 588833

Ion Ratio Lower Upper

83 100

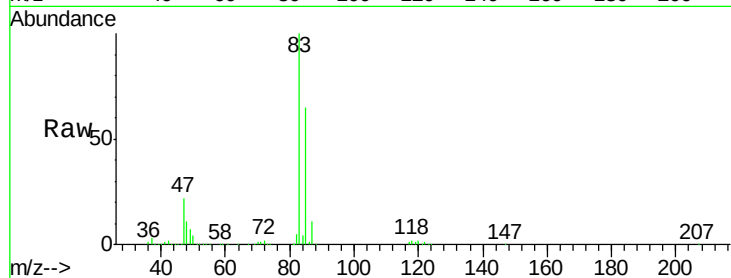
85 65.1 51.4 77.0

Manual Integrations

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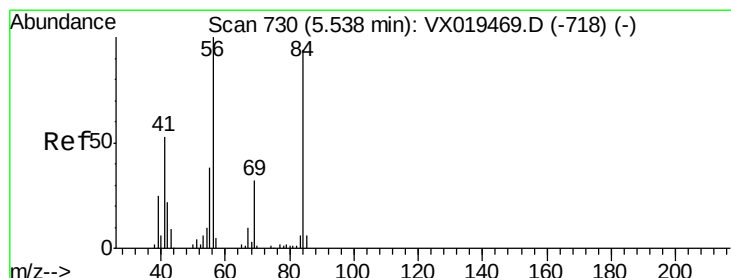
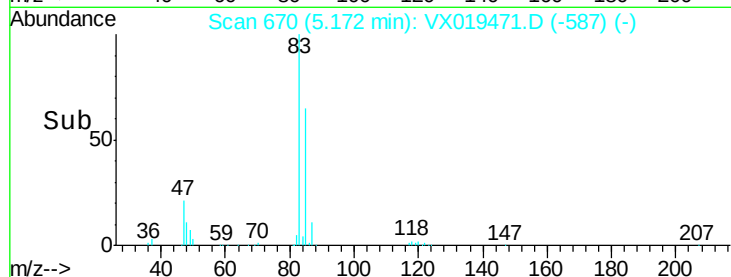
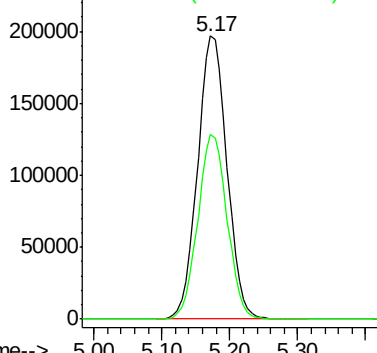
MMDadoda

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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 126.302 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

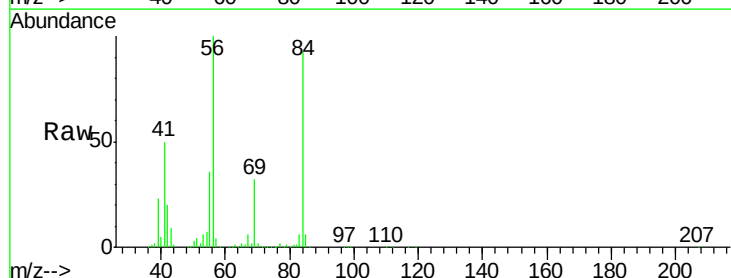
Tgt Ion: 56 Resp: 496180

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

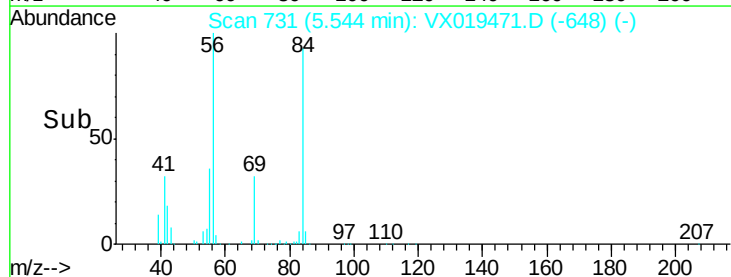
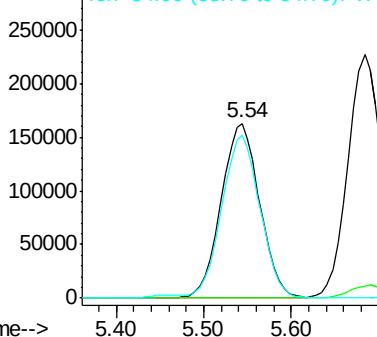
84 93.2 75.2 112.8

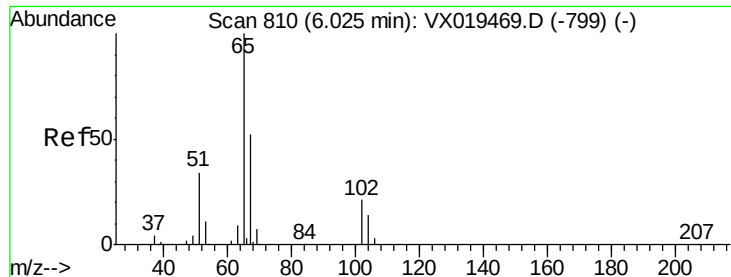


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 31.713 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 65 Resp: 107674

Ion Ratio Lower Upper

65 100

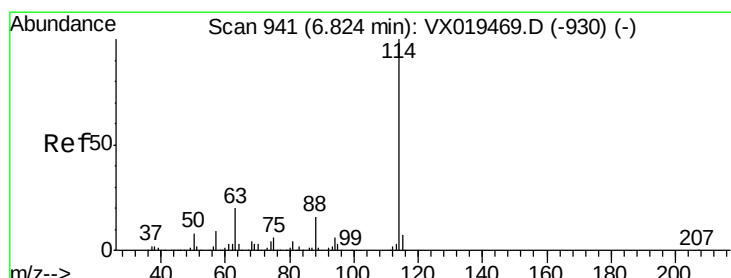
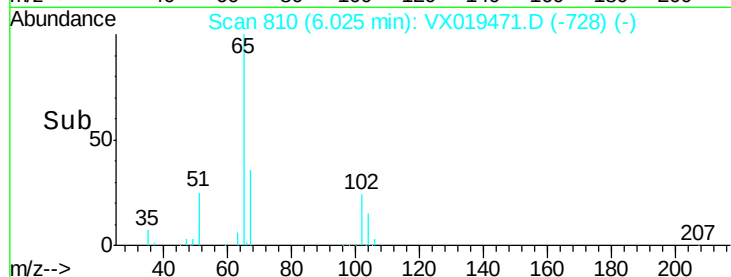
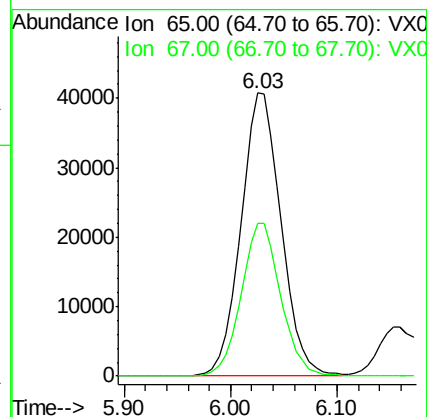
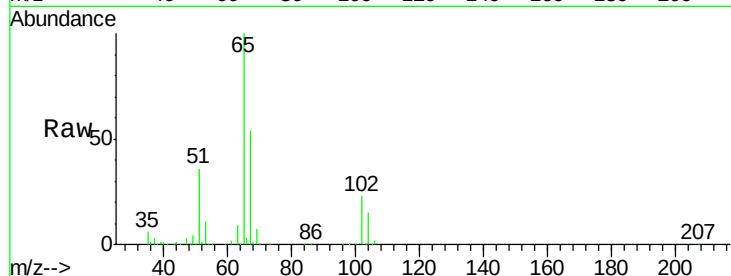
67 53.2 42.2 63.2

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

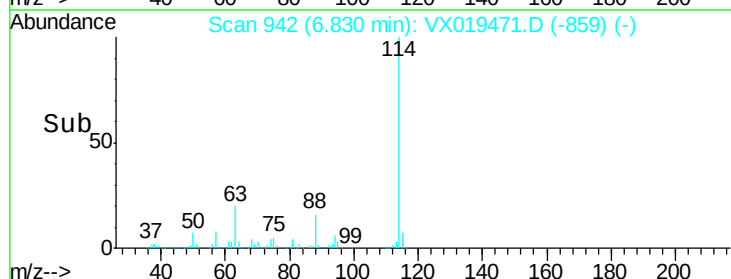
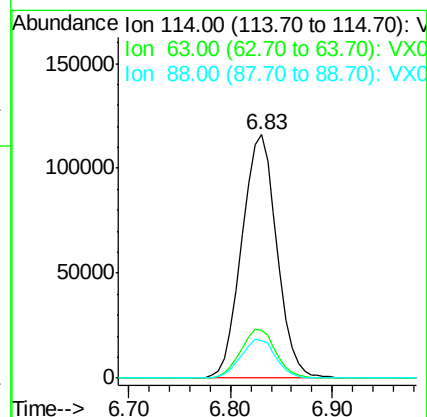
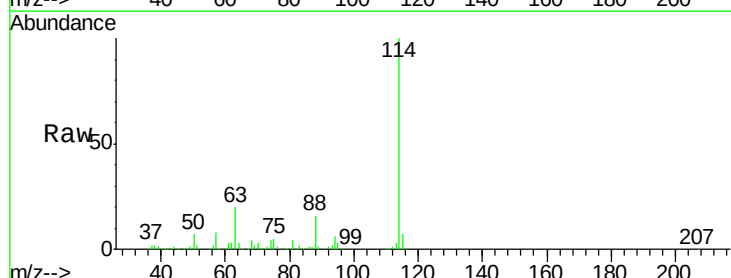
Tgt Ion: 114 Resp: 277080

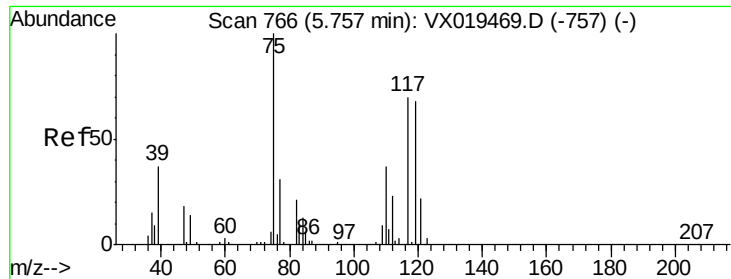
Ion Ratio Lower Upper

114 100

63 20.4 16.2 24.2

88 16.0 12.9 19.3





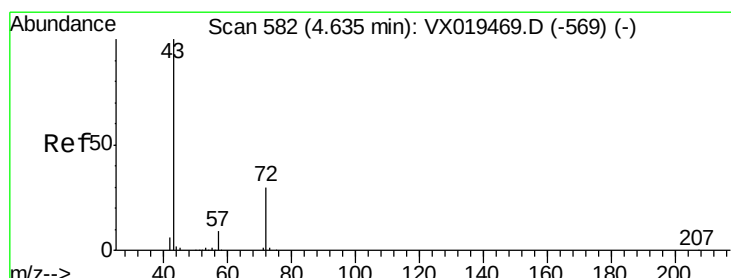
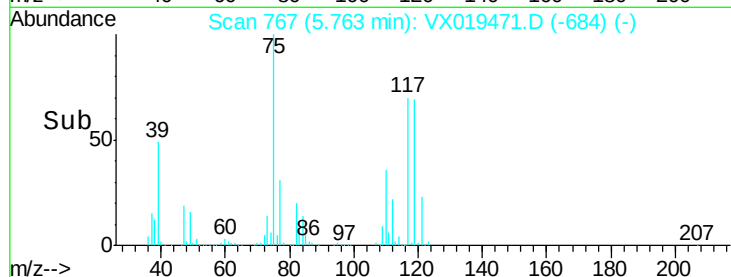
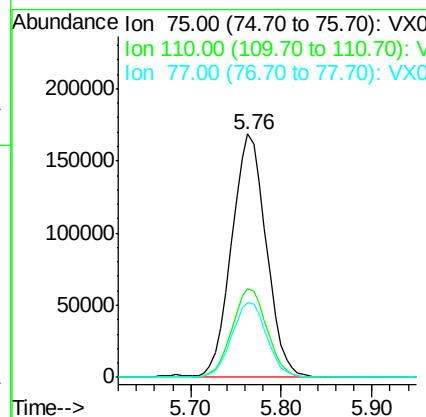
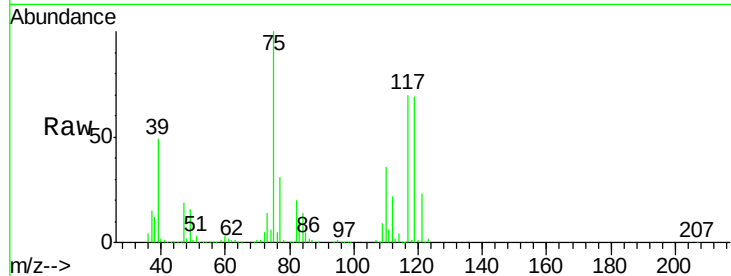
#29
 1,1-Dichloropropene
 Concen: 110.027 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	74.0
77	31.3	0.0	63.6

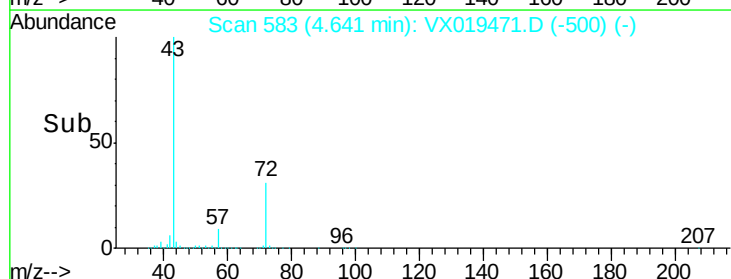
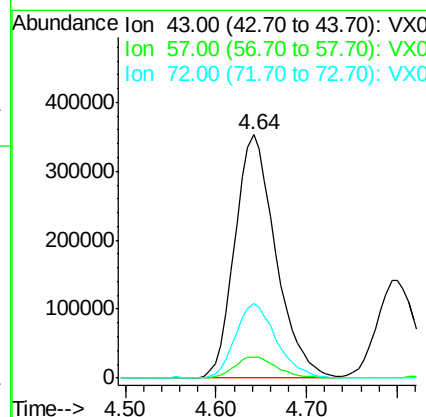
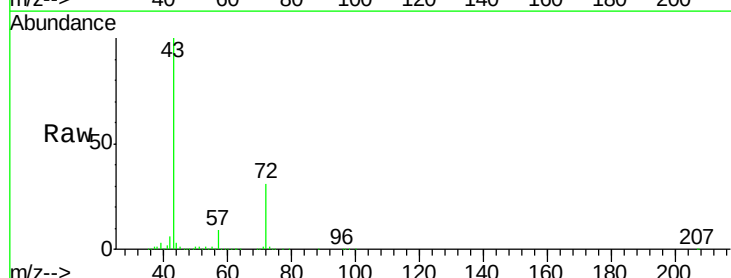
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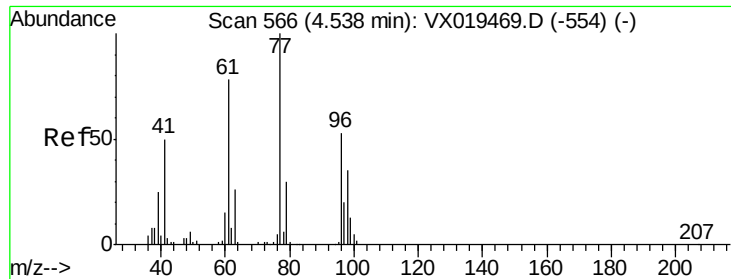
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#30
 2-Butanone
 Concen: 639.431 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.1	7.4	11.0
72	30.7	24.2	36.2





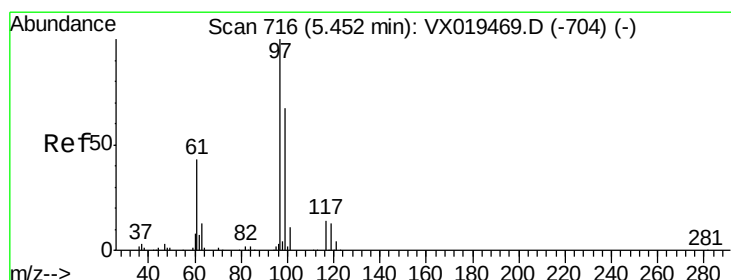
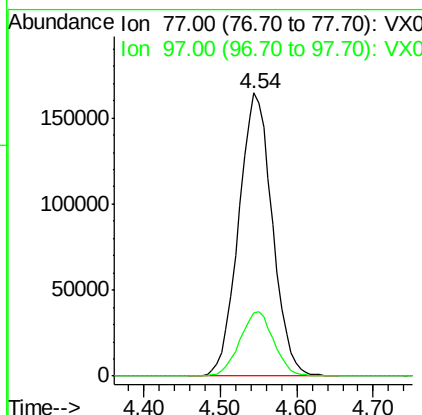
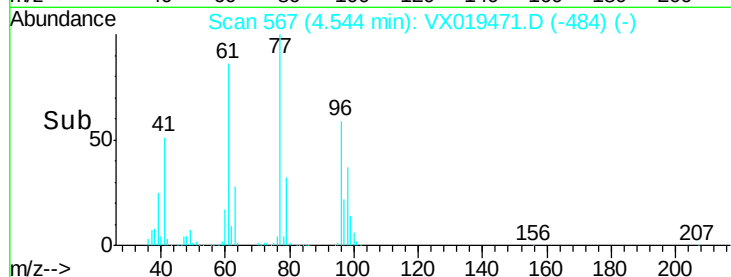
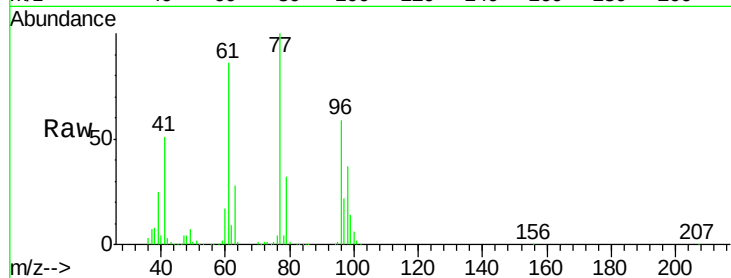
#31
 2,2-Dichloropropane
 Concen: 108.108 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
77	100		
97	23.1	18.6	27.8

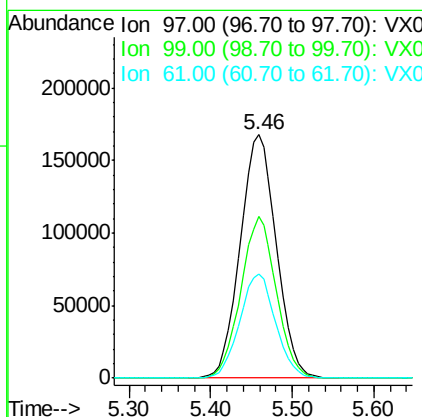
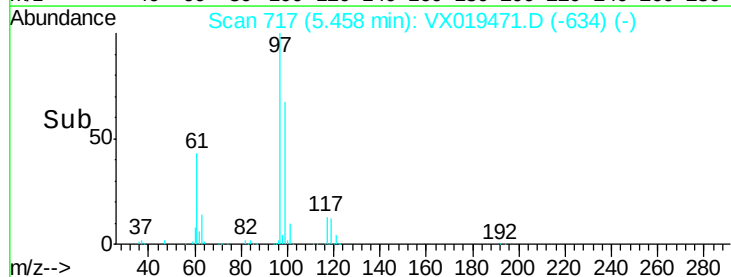
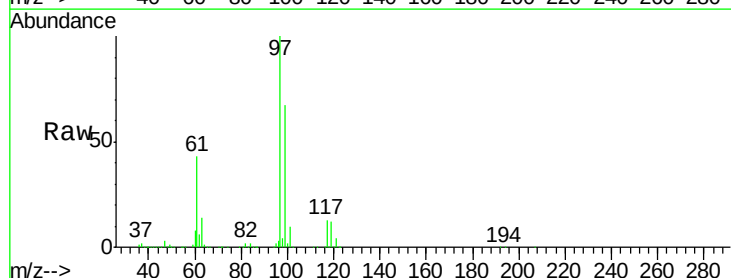
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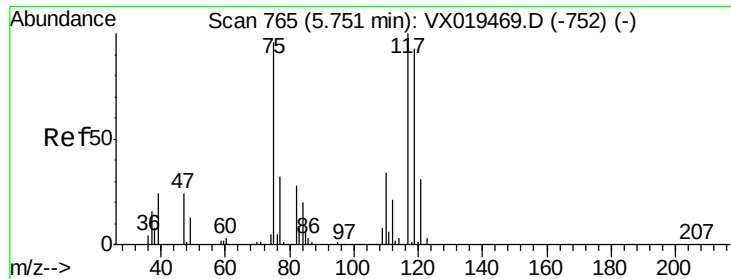
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#32
 1,1,1-Trichloroethane
 Concen: 106.023 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.3	78.5
61	42.6	34.9	52.3





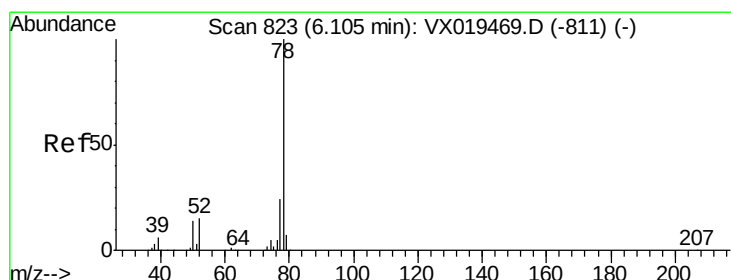
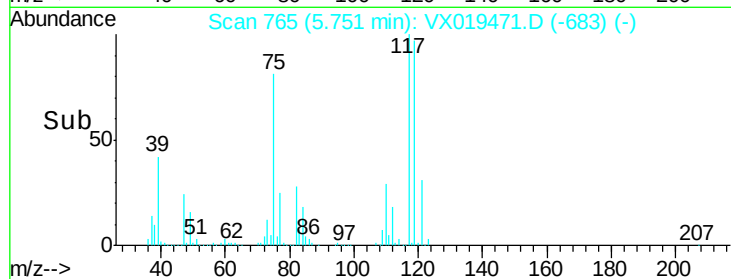
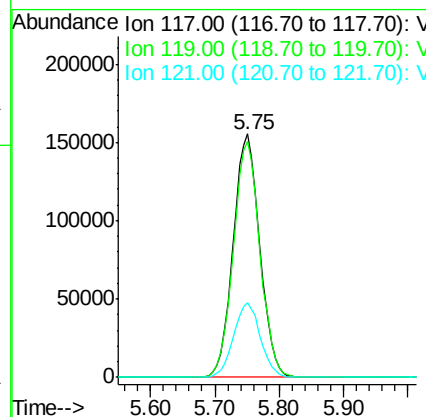
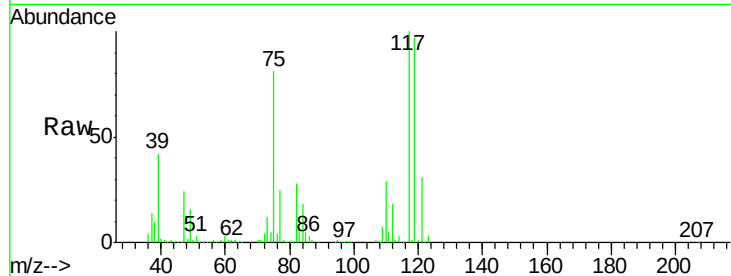
#33
Carbon Tetrachloride
Concen: 106.402 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.7	74.2	111.4
121	30.6	25.0	37.4

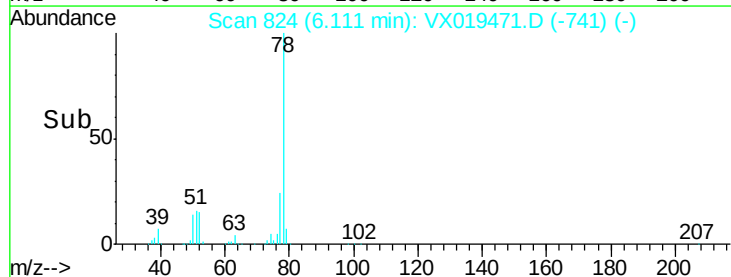
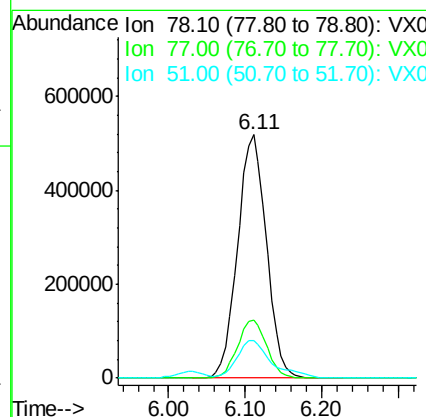
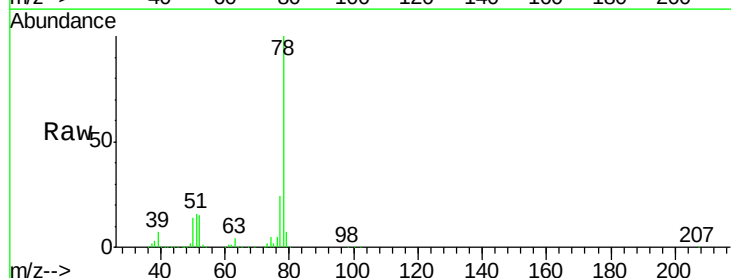
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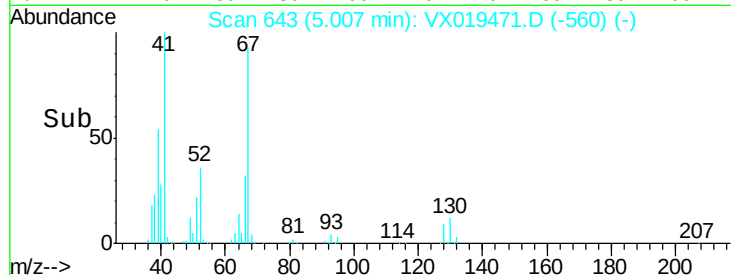
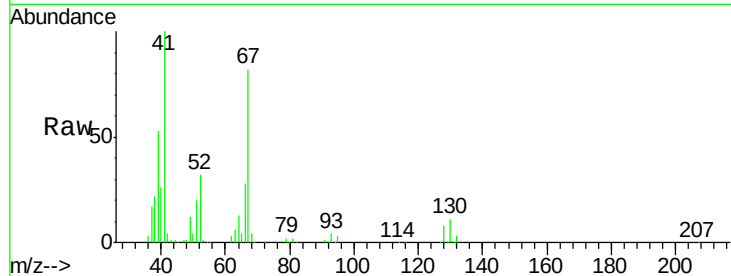
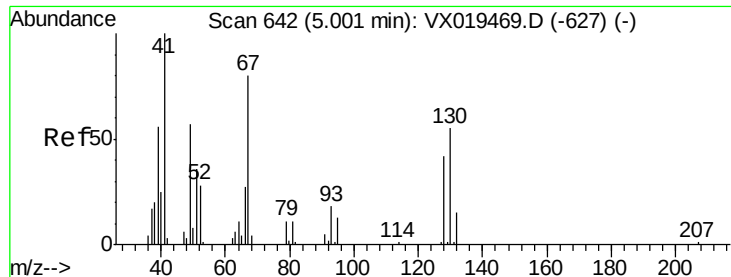
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#34
Benzene
Concen: 111.461 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

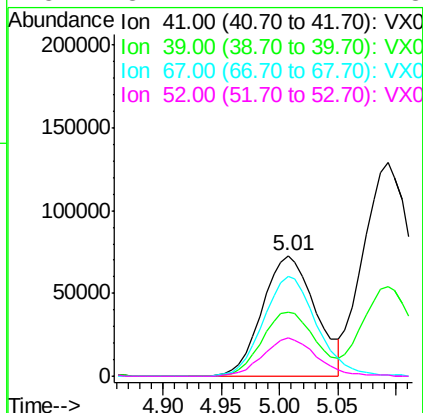
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.6
51	15.5	12.7	19.1





#35
Methacrylonitrile
Concen: 126.793 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

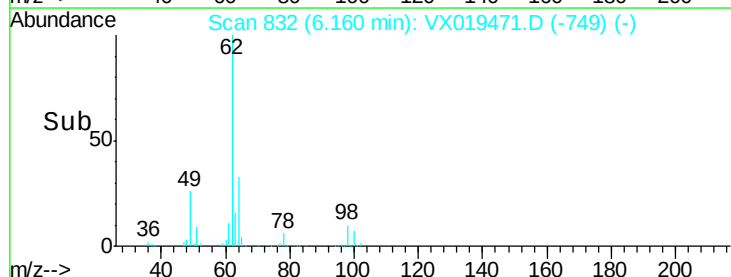
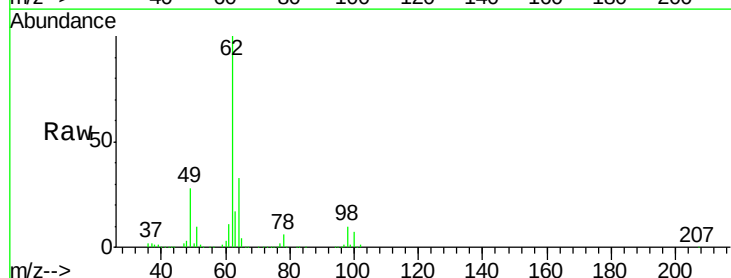
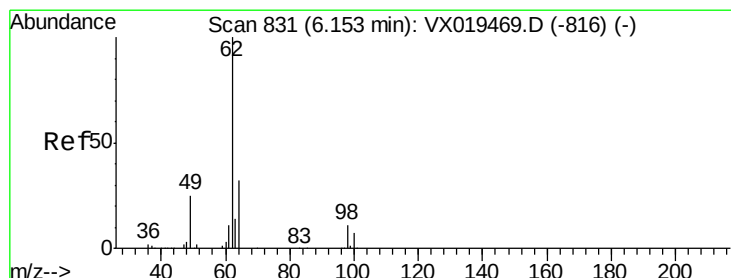
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		230450		
39	53.1	28.0	84.0		
67	82.6	40.0	119.9		
52	31.7	14.2	42.8		



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

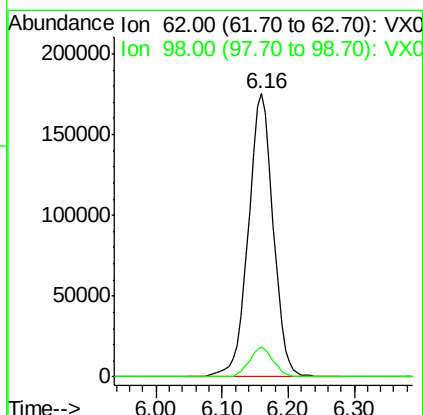
Manual Integrations
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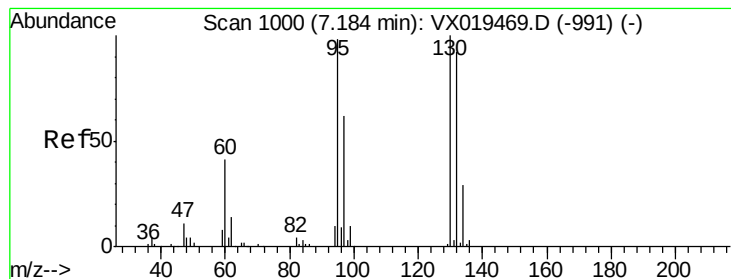
MMDadoda
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#36
1,2-Dichloroethane
Concen: 110.179 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		460605		
98	10.1	8.1	12.1		





#37

Trichloroethene

Concen: 104.323 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 358830

Ion Ratio Lower Upper

130 100

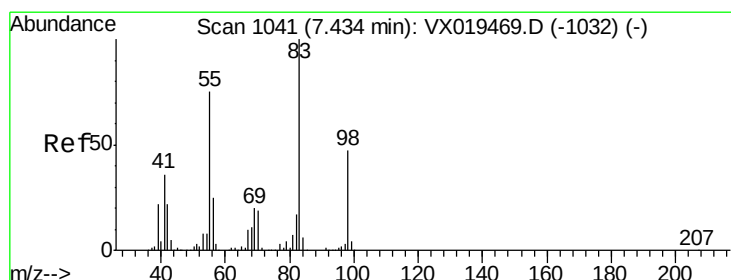
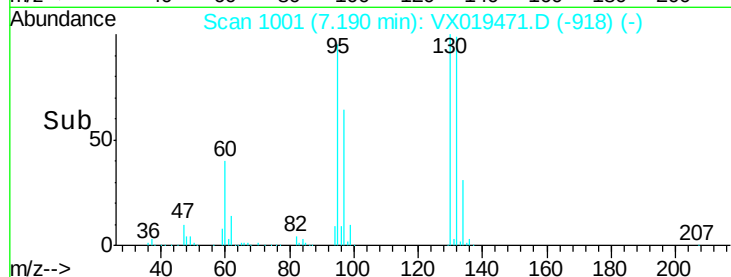
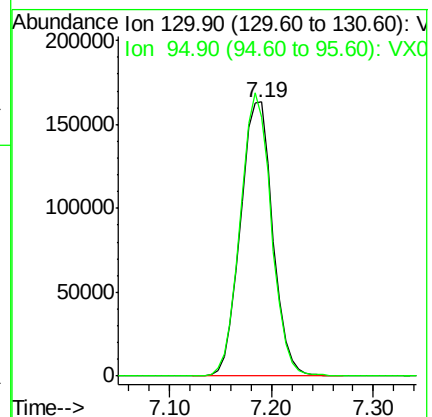
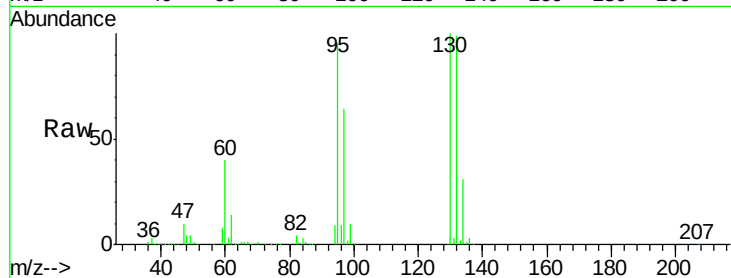
95 94.6 78.8 118.2

Manual Integrations

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#38

Methylcyclohexane

Concen: 118.661 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

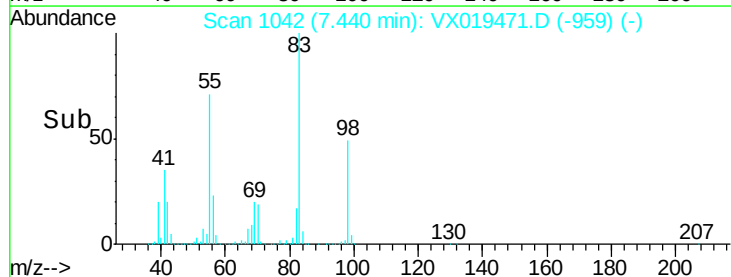
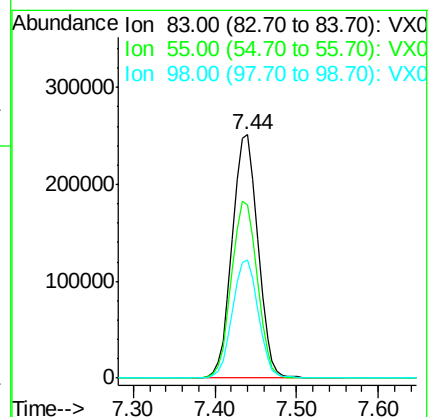
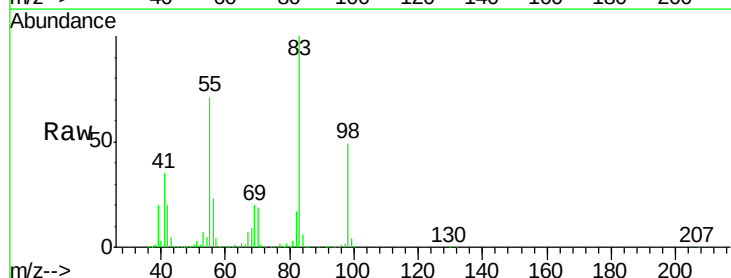
Tgt Ion: 83 Resp: 549098

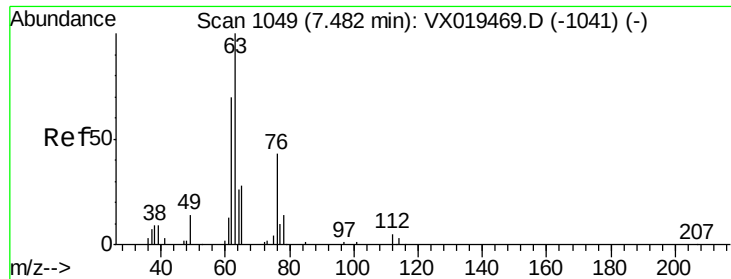
Ion Ratio Lower Upper

83 100

55 72.9 37.7 113.1

98 48.8 24.7 74.1





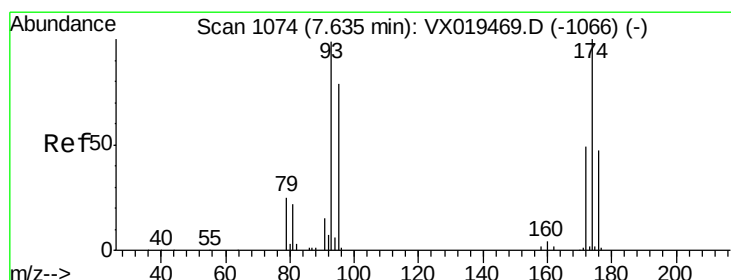
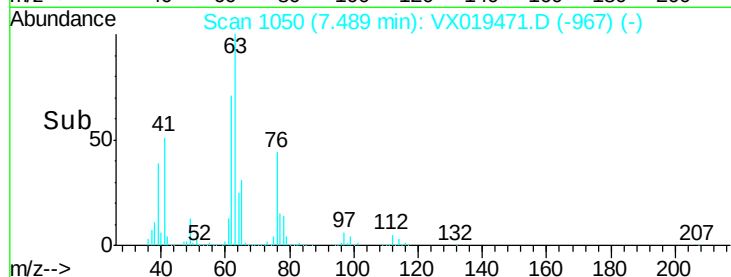
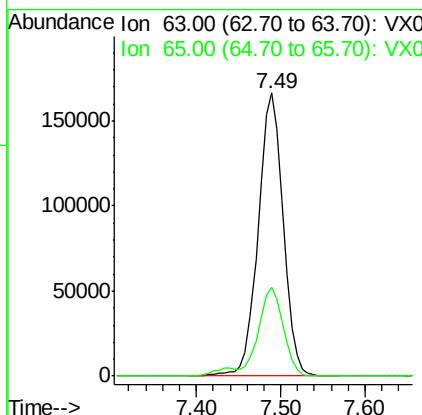
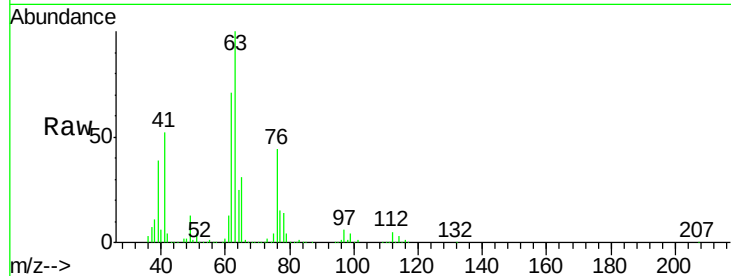
#39
 1,2-Dichloropropane
 Concen: 117.864 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	24.8	37.2

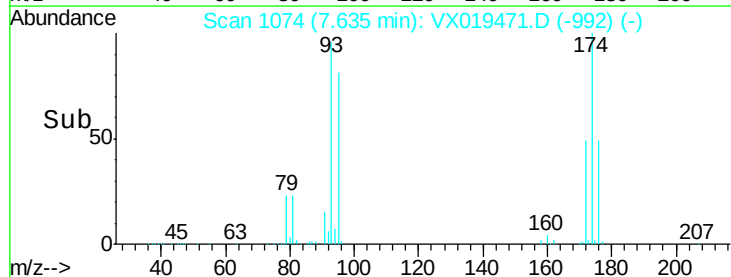
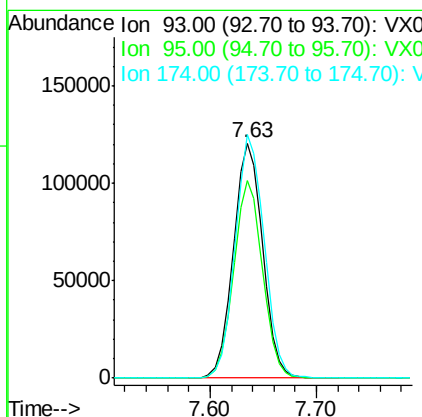
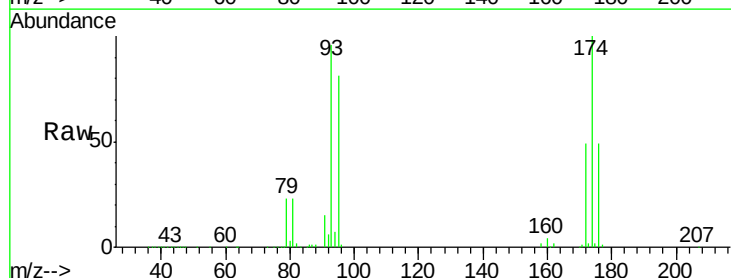
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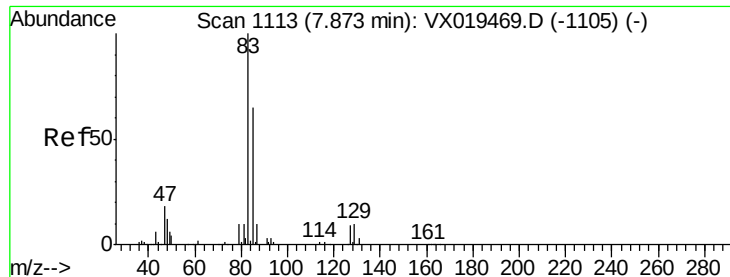
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#40
 Dibromomethane
 Concen: 106.761 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	162.4
174	102.9	0.0	198.8





#41

Bromodichloromethane

Concen: 110.527 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

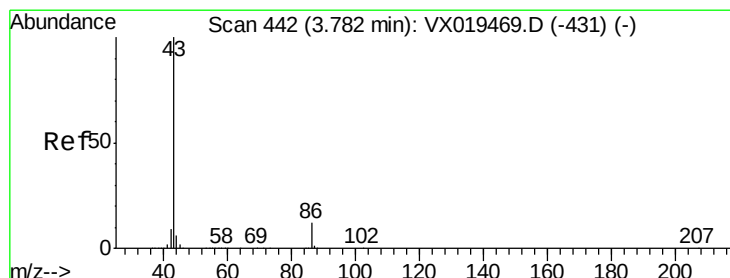
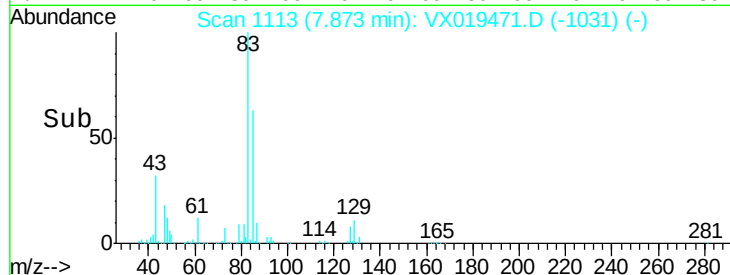
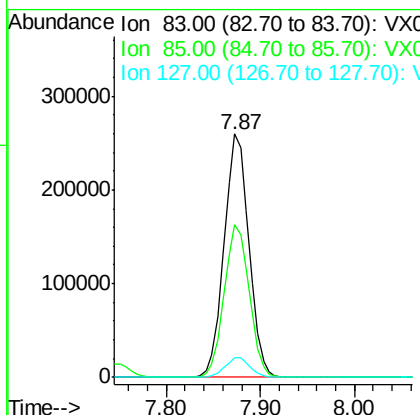
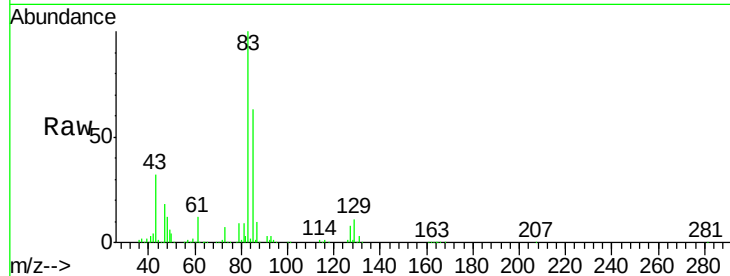
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	473090
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.7	77.5
127	8.1	7.0	10.6

Manual Integrations
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#42

Vinyl Acetate

Concen: 633.681 ug/l

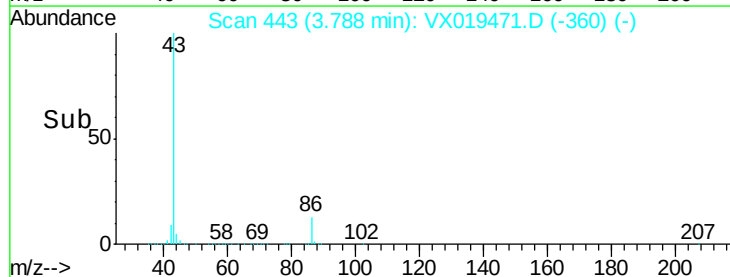
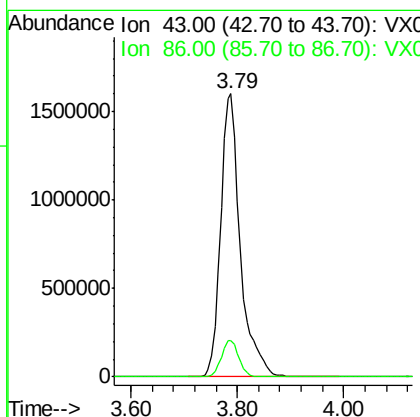
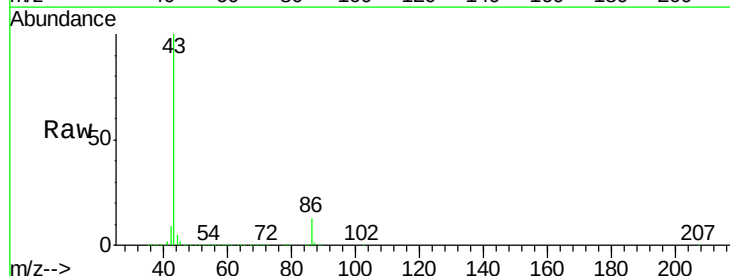
RT: 3.79 min Scan# 443

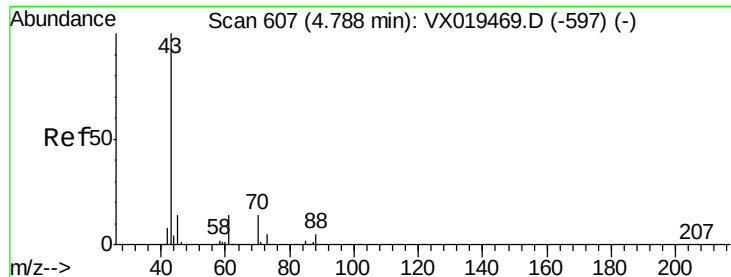
Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	43	Resp:	4125369
Ion	Ratio	Lower	Upper
43	100		
86	11.4	8.8	13.2





#43

Ethyl Acetate

Concen: 123.417 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 433526

Ion Ratio Lower Upper

43 100

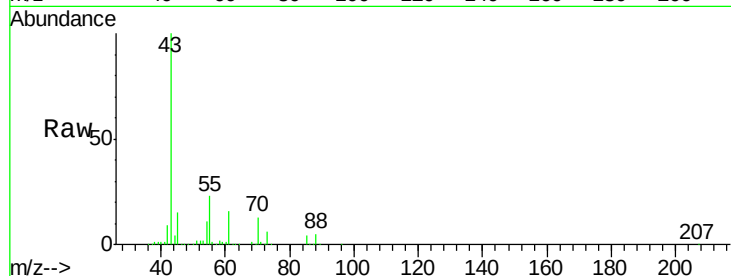
45 15.1 12.9 19.3

Manual Integrations

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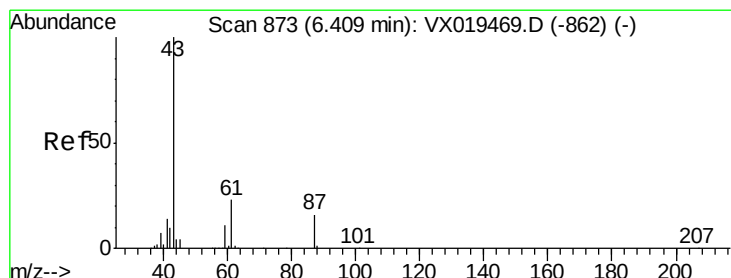
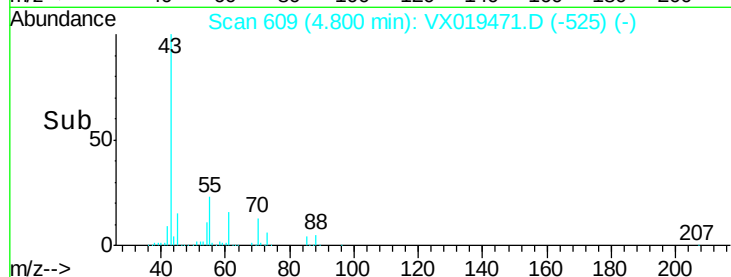
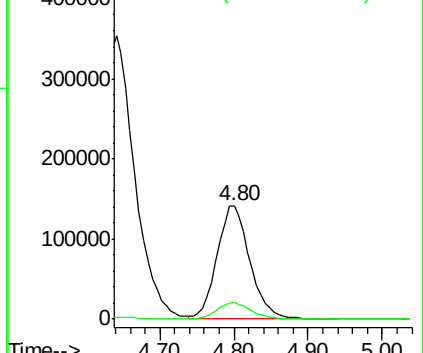
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 120.065 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019471.D

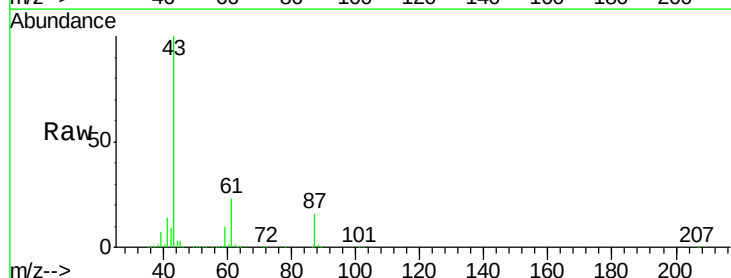
Acq: 19 Nov 2020 17:22

Tgt Ion: 43 Resp: 702606

Ion Ratio Lower Upper

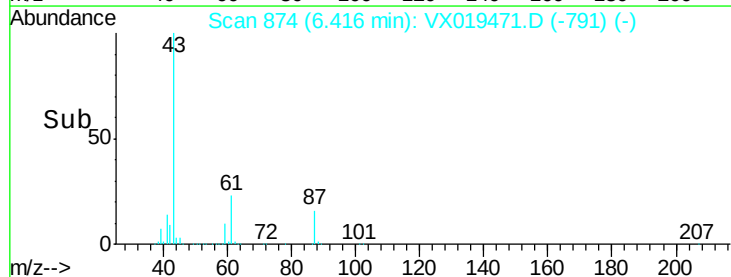
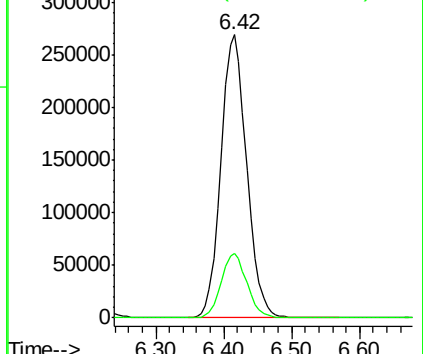
43 100

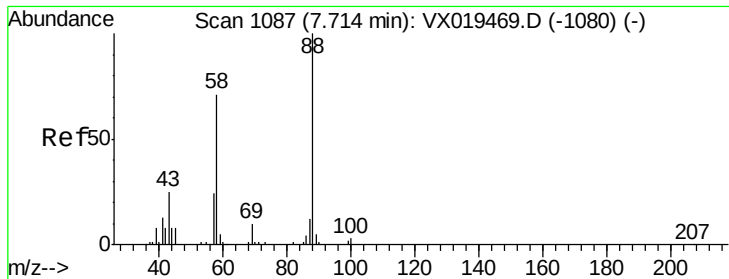
61 22.9 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 2512.044 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

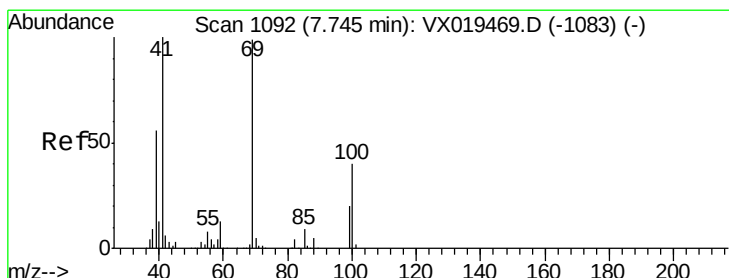
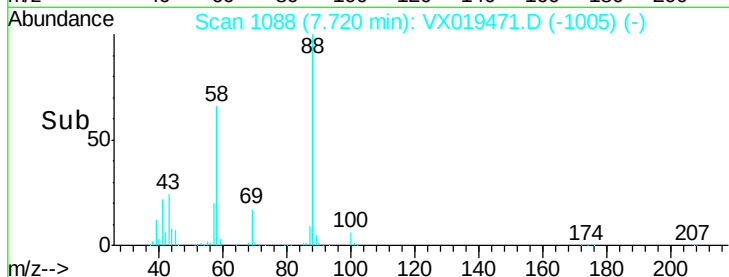
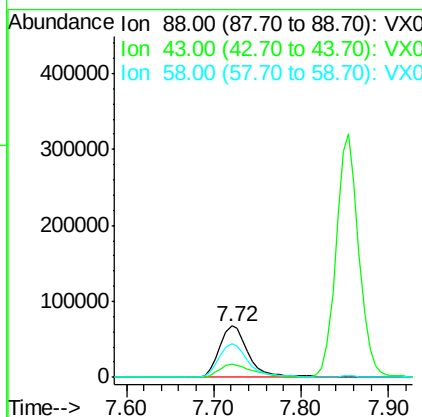
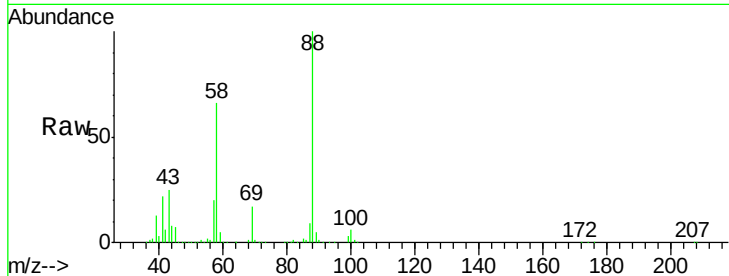
ClientSampleId :

VSTDIC100

Tot Ion:	88	Resp:	156265
Ion	Ratio	Lower	Upper
88	100		
43	28.7	24.2	36.4
58	67.4	56.6	84.8

Manual Integrations
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#46

Methyl methacrylate

Concen: 125.442 ug/l

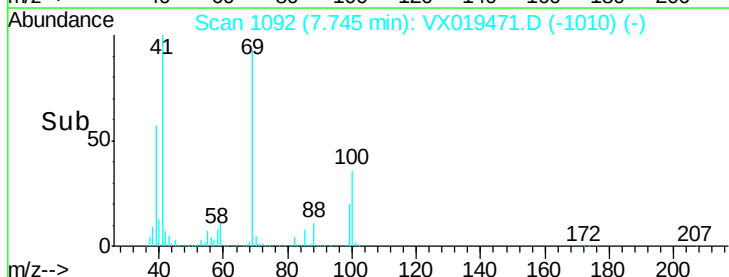
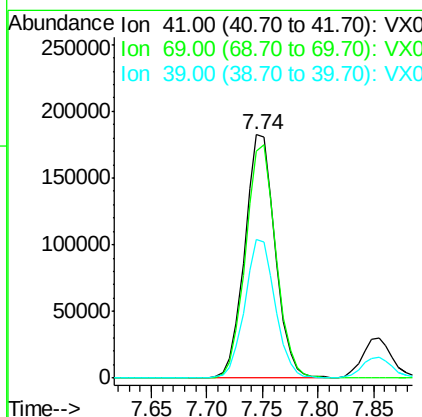
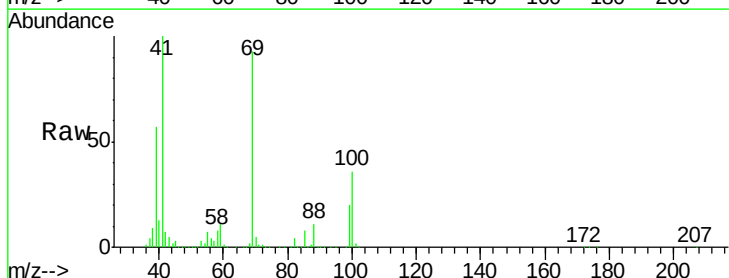
RT: 7.74 min Scan# 1092

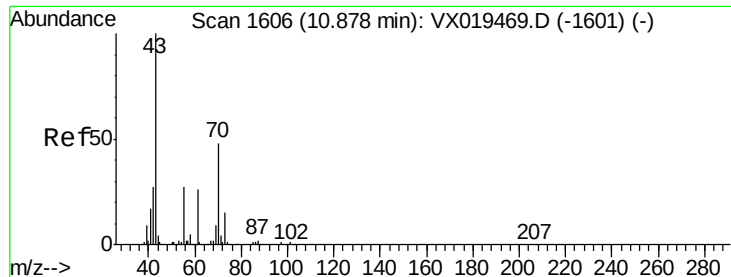
Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	41	Resp:	347905
Ion	Ratio	Lower	Upper
41	100		
69	93.2	49.7	149.1
39	56.8	28.1	84.4





#47

n-amvl Acetate

Concen: 129.486 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 610514

Ion Ratio Lower Upper

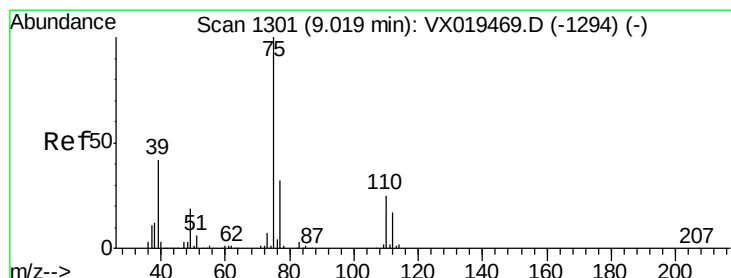
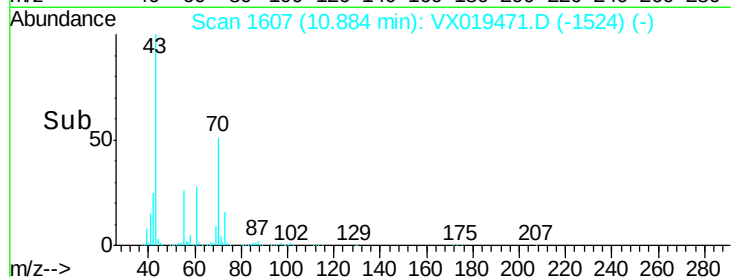
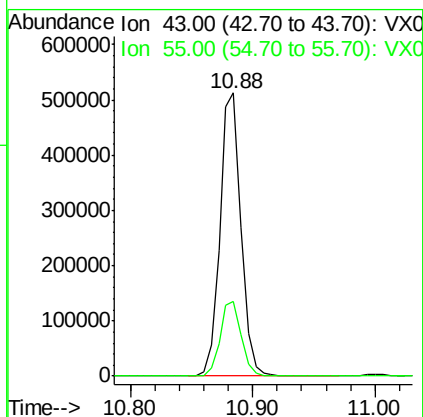
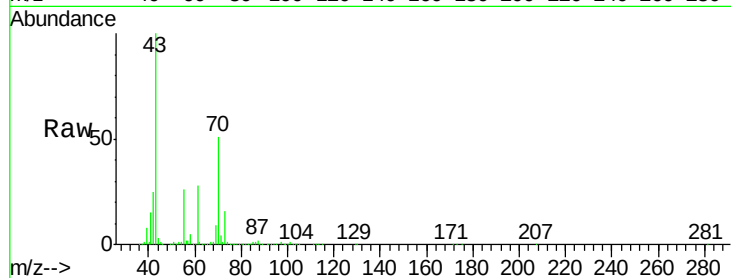
43 100

55 26.8 22.8 34.2

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 108.585 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019471.D

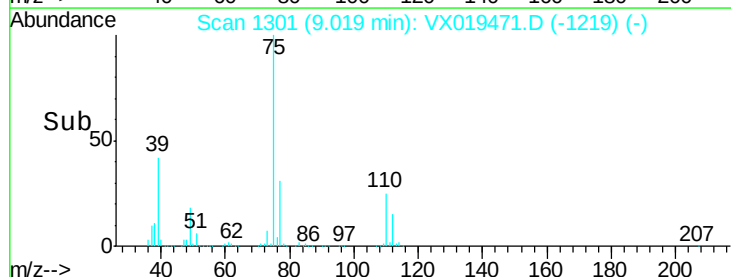
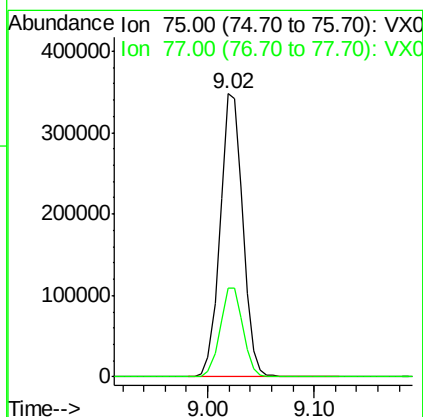
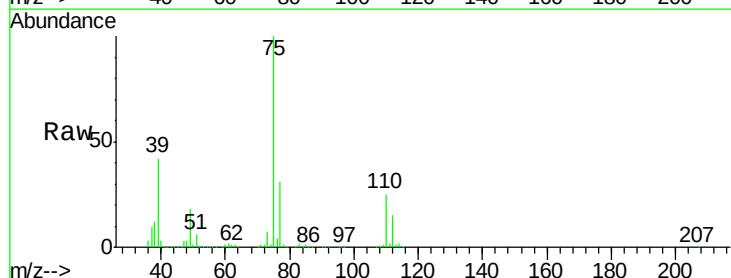
Acq: 19 Nov 2020 17:22

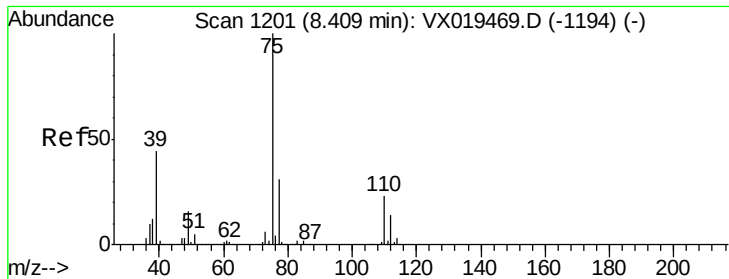
Tgt Ion: 75 Resp: 516782

Ion Ratio Lower Upper

75 100

77 31.5 25.4 38.2





#49

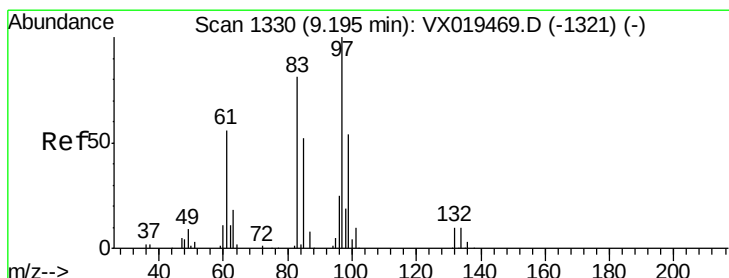
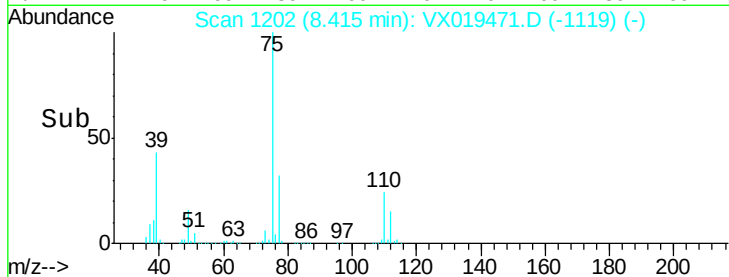
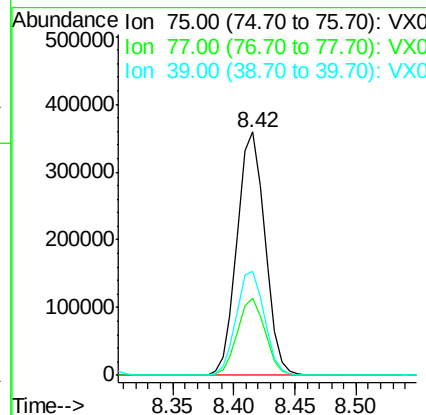
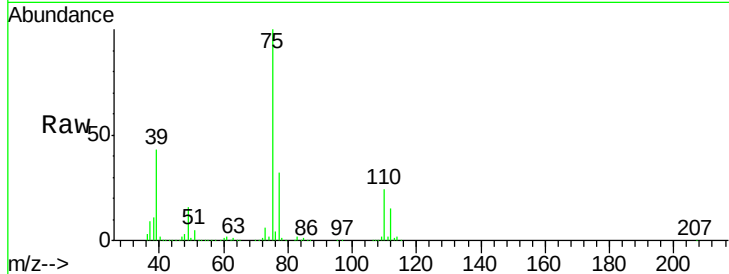
cis-1,3-Dichloropropene
 Concen: 111.481 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	75	Resp:	567858
Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	42.6	35.3	52.9

Manual Integrations
 APPROVED

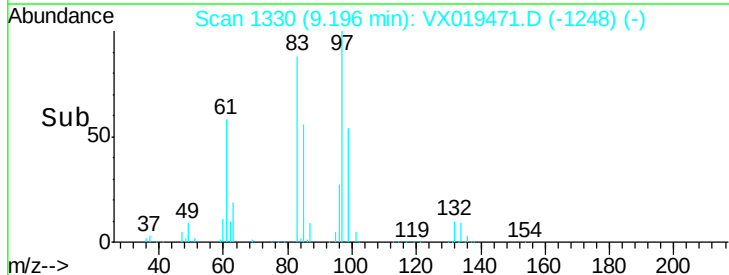
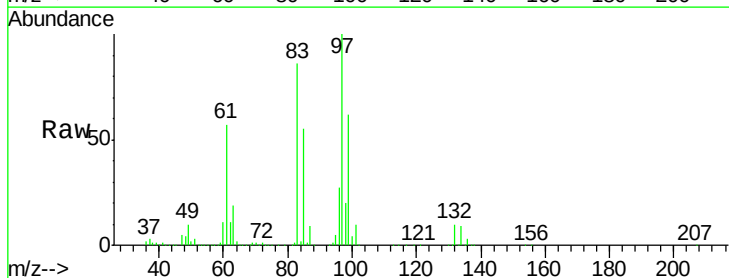
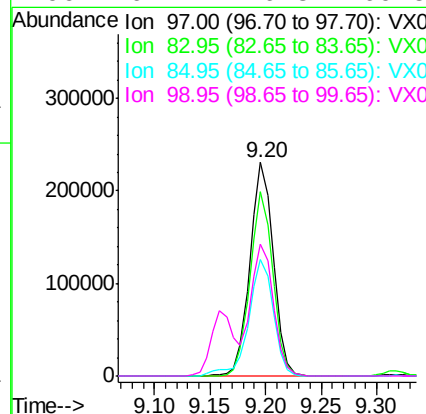
MMDadoda
 11/20/2020 12:25:07 PM

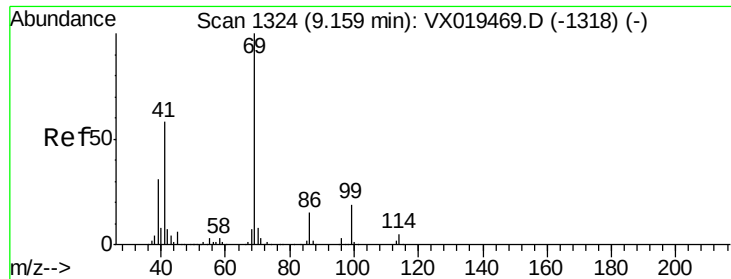


#50

1,1,2-Trichloroethane
 Concen: 105.491 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion:	97	Resp:	337248
Ion	Ratio	Lower	Upper
97	100		
83	86.0	64.8	97.2
85	54.6	41.8	62.8
99	61.7	46.3	69.5





#51

Ethyl methacrylate

Concen: 112.366 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

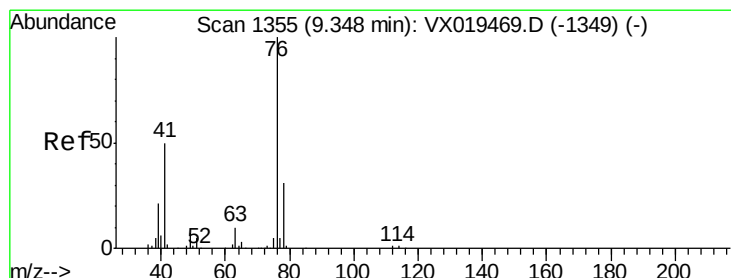
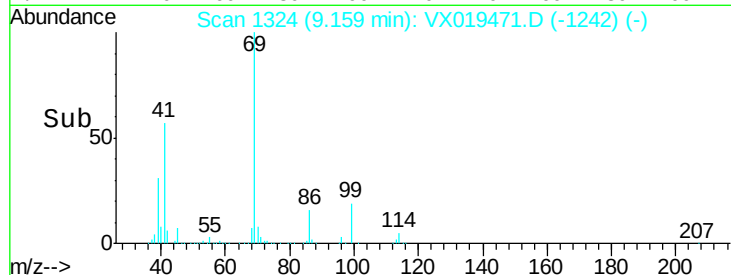
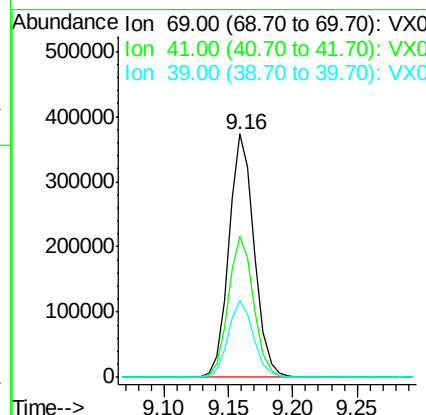
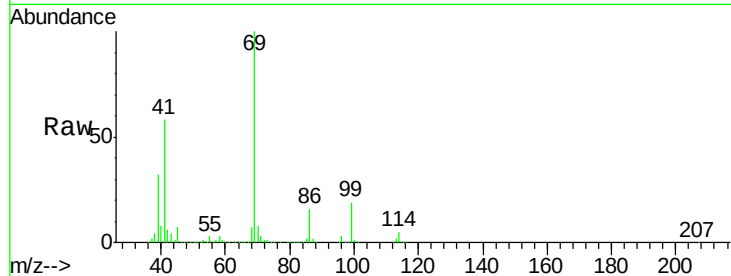
ClientSampleId :

VSTDIC100

Tot Ion:	69	Resp:	514609
Ion	Ratio	Lower	Upper
69	100		
41	57.9	29.0	87.1
39	31.8	15.4	46.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 109.767 ug/l

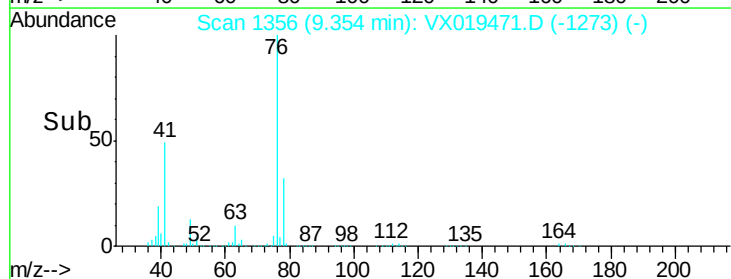
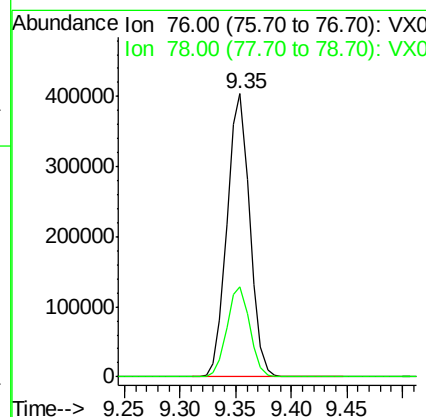
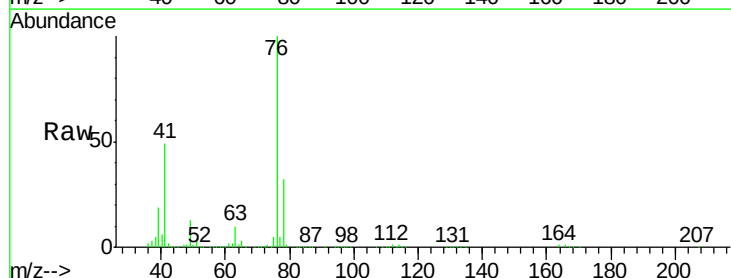
RT: 9.35 min Scan# 1356

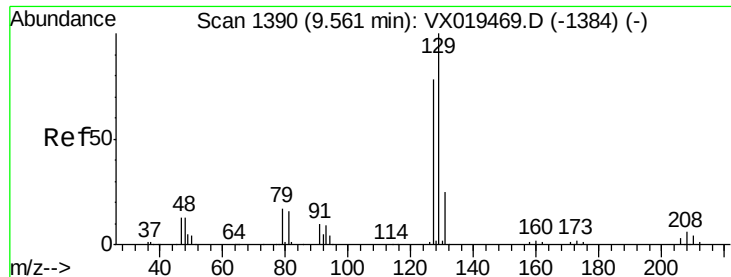
Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	76	Resp:	571080
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.4





#53

Dibromochloromethane

Concen: 102.411 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:129 Resp: 355711

Ion Ratio Lower Upper

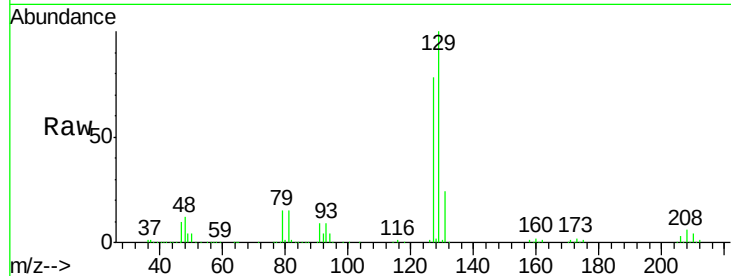
129 100

127 78.0 38.0 114.1

Manual Integrations
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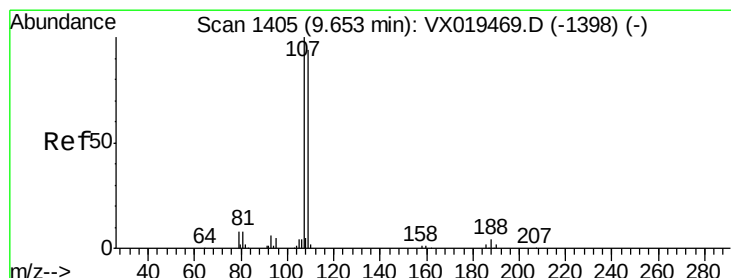
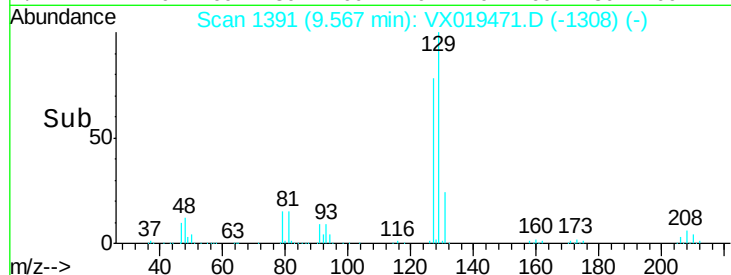
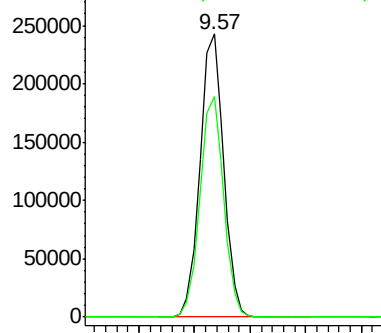
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 103.027 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019471.D

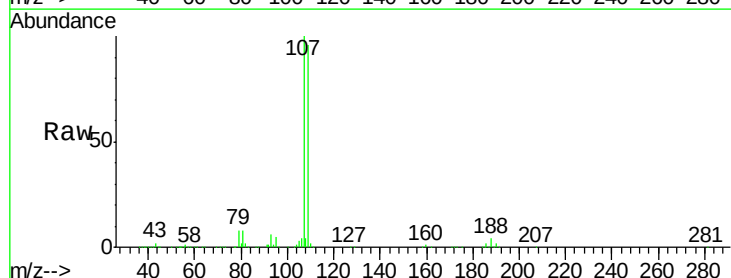
Acq: 19 Nov 2020 17:22

Tgt Ion:107 Resp: 352999

Ion Ratio Lower Upper

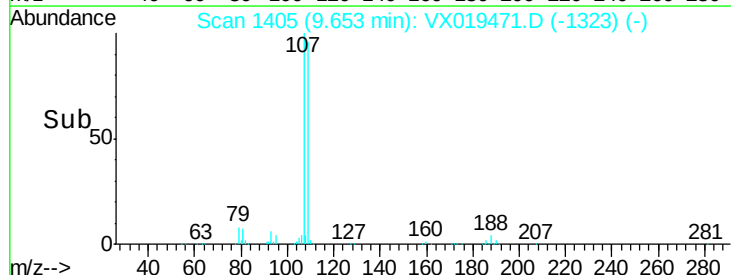
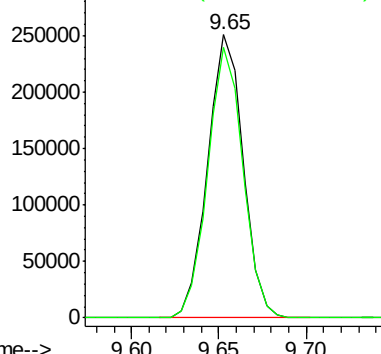
107 100

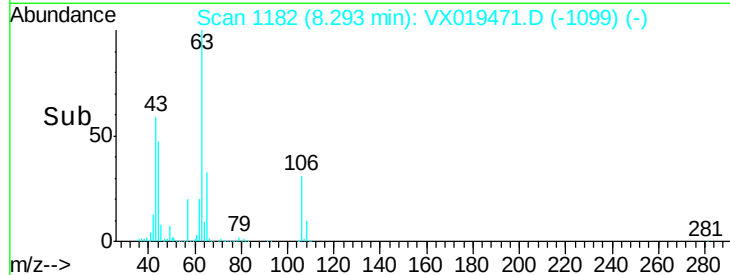
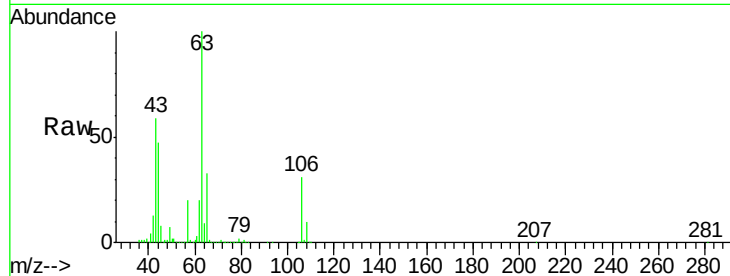
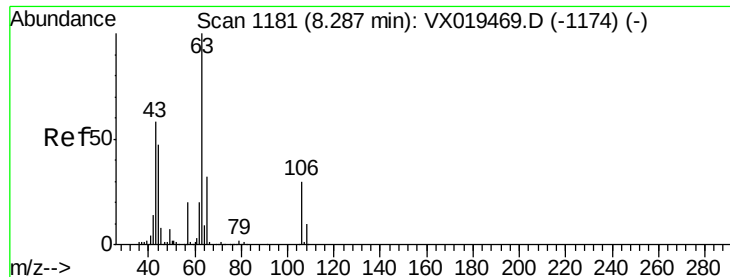
109 95.1 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





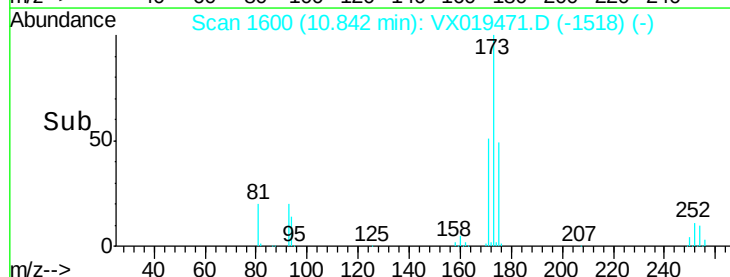
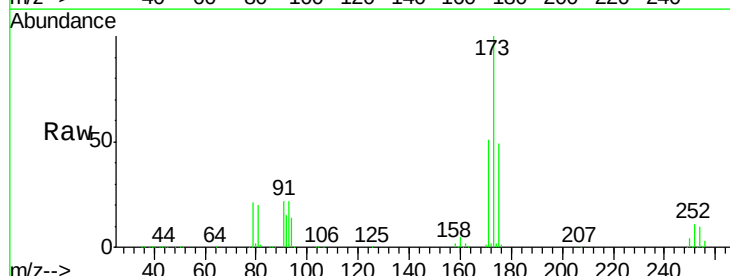
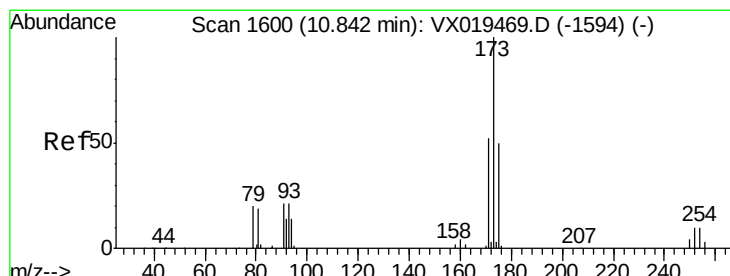
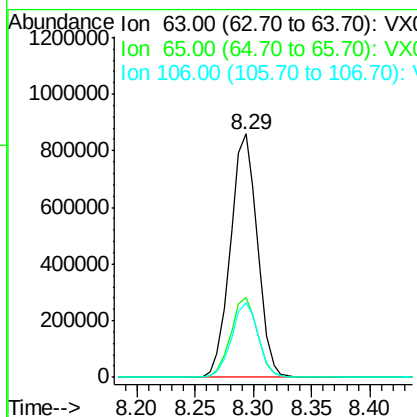
#55
2-Chloroethyl vinyl ether
Concen: 572.672 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tot Ion	63	Resp	1386349
Ion	Ratio	Lower	Upper
63	100		
65	32.5	25.7	38.5
106	30.3	24.2	36.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

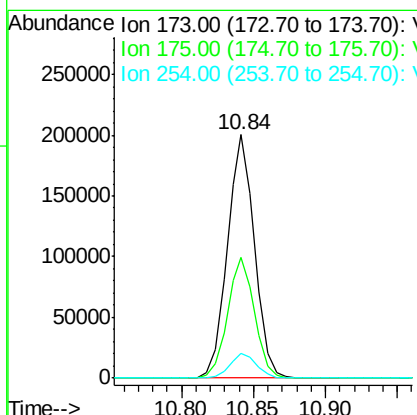
Manual Integrations
APPROVED

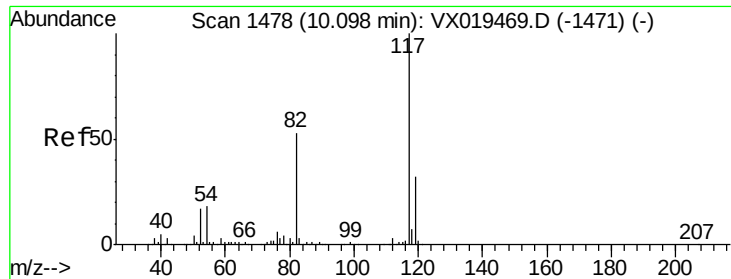
MMDadoda
11/20/2020 12:25:07 PM



#56
Bromoform
Concen: 108.399 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	173	Resp	262841
Ion	Ratio	Lower	Upper
173	100		
175	49.2	39.7	59.5
254	10.2	8.0	12.0





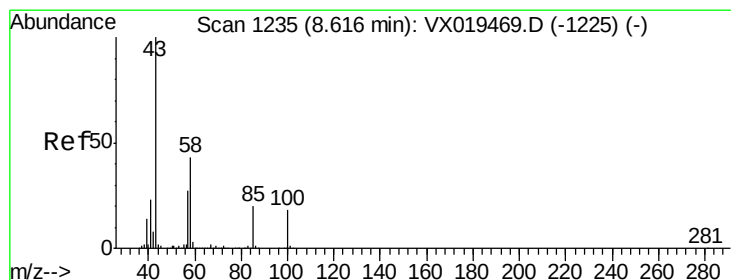
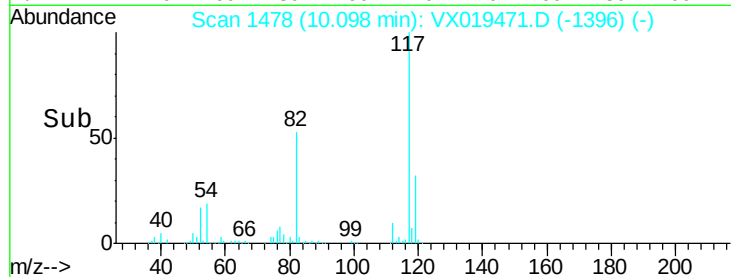
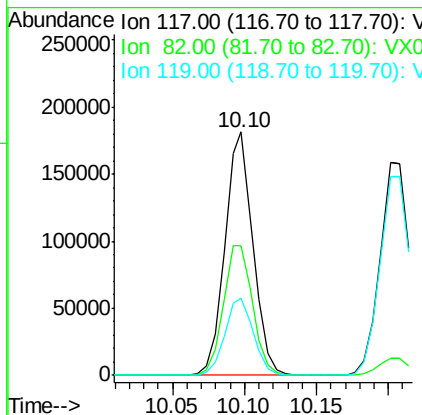
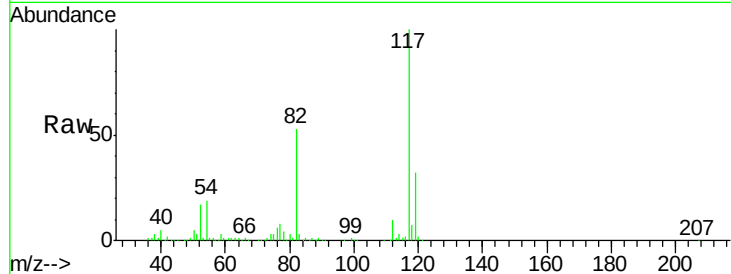
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.5	66.7
119	32.3	25.9	38.9

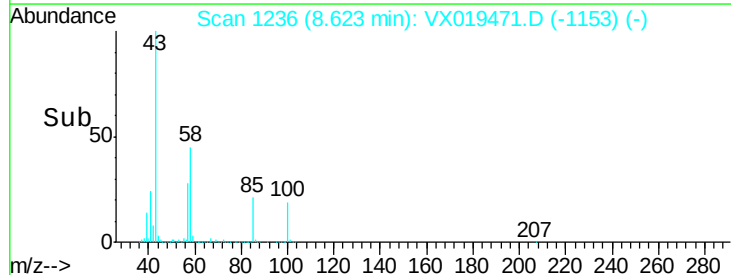
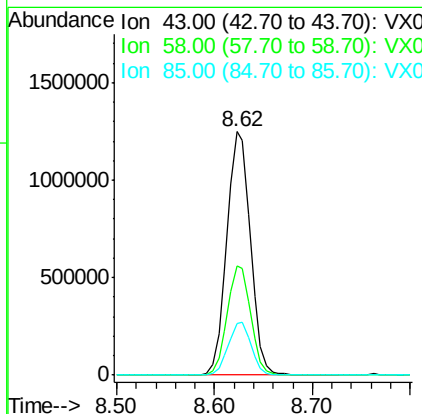
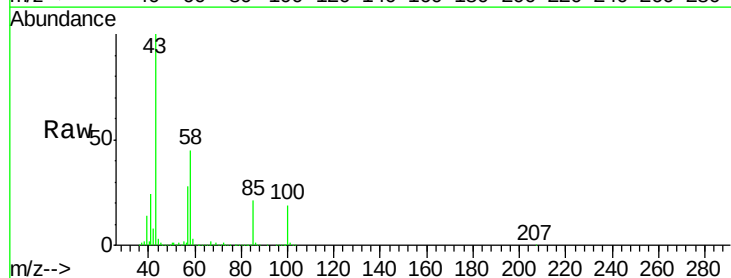
Manual Integrations
APPROVED

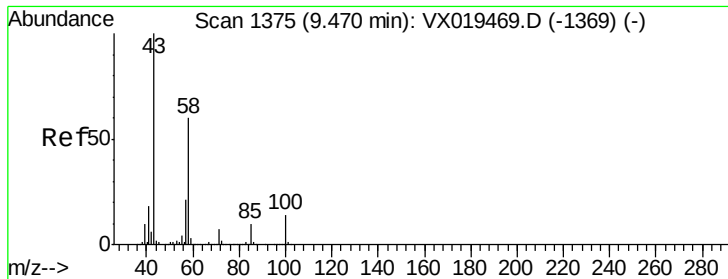
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 629.341 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
43	100		
58	44.5	35.1	52.7
85	21.3	16.7	25.1





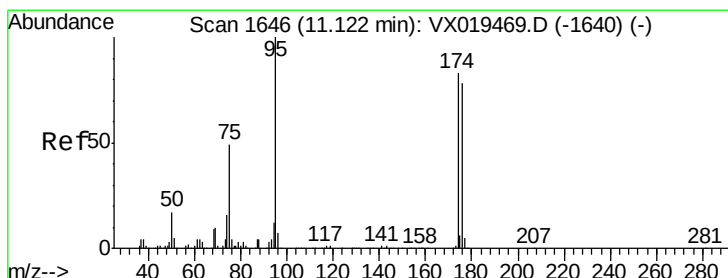
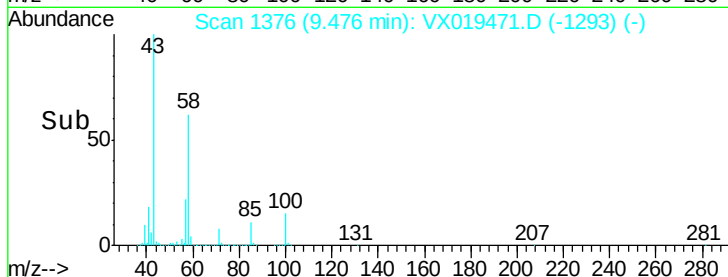
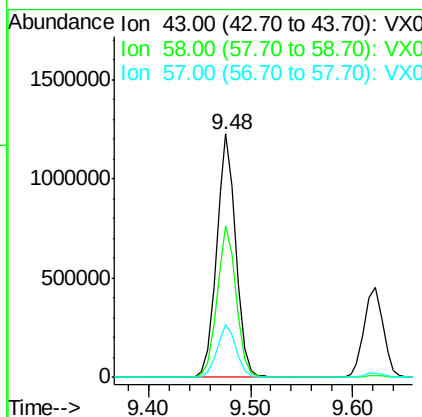
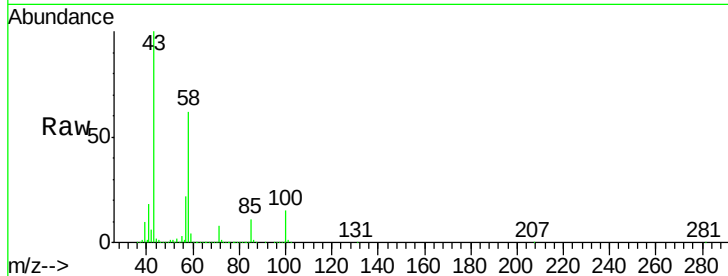
#59
2-Hexanone
Concen: 650.049 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1616668
Ion Ratio Lower Upper
43 100
58 62.1 49.0 73.6
57 21.4 17.0 25.4

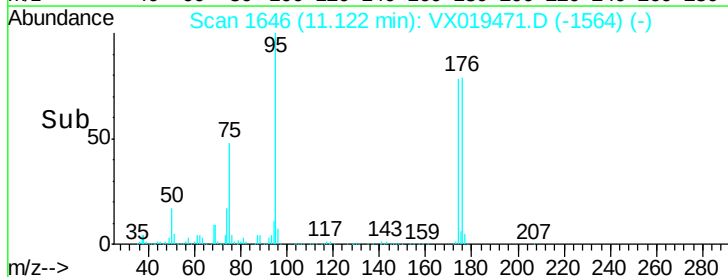
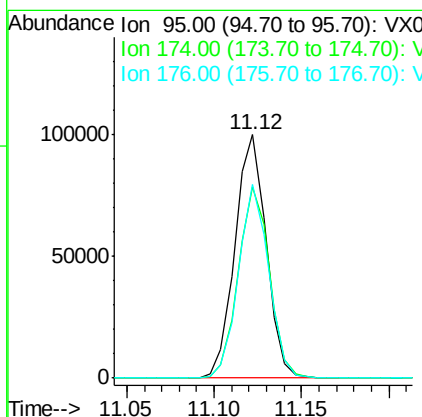
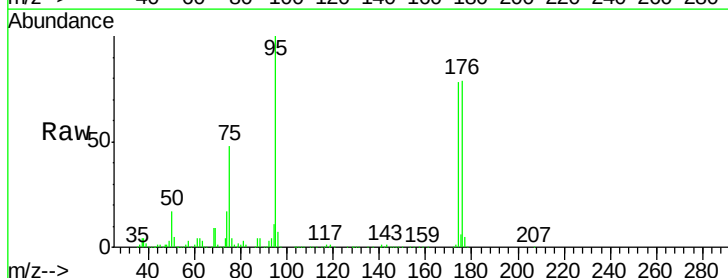
Manual Integrations
APPROVED

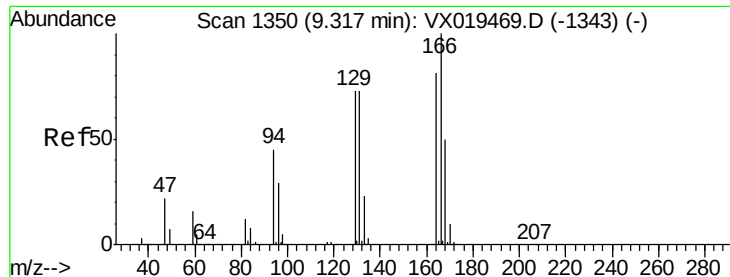
MMDadoda
11/20/2020 12:25:07 PM



#60
4-Bromofluorobenzene
Concen: 32.871 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion: 95 Resp: 123845
Ion Ratio Lower Upper
95 100
174 78.6 63.5 95.3
176 76.9 59.8 89.6





#61

Tetrachloroethene

Concen: 106.619 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 328120

Ion Ratio Lower Upper

164 100

166 128.3 99.4 149.0

129 95.3 72.6 108.8

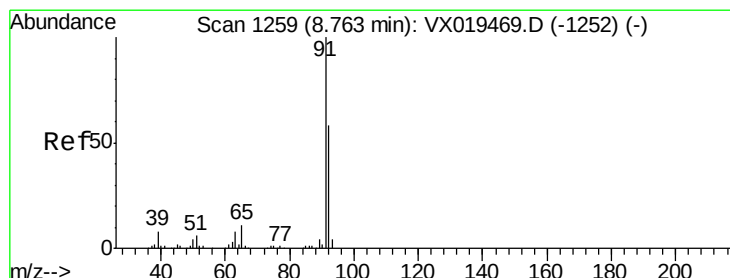
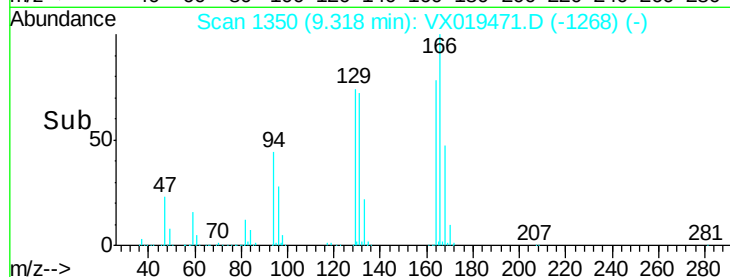
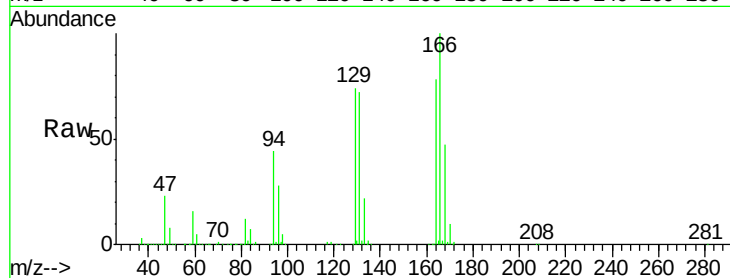
131 92.2 72.6 108.8

Manual Integrations

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#62

Toluene

Concen: 107.662 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019471.D

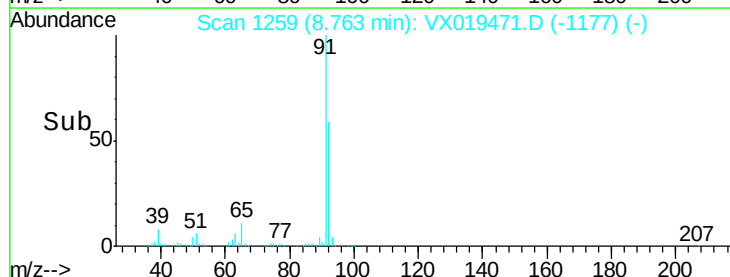
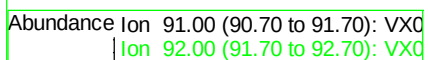
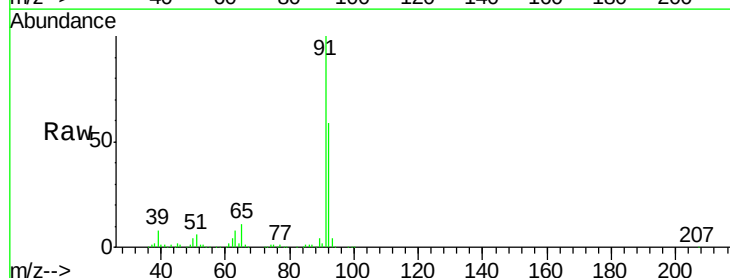
Acq: 19 Nov 2020 17:22

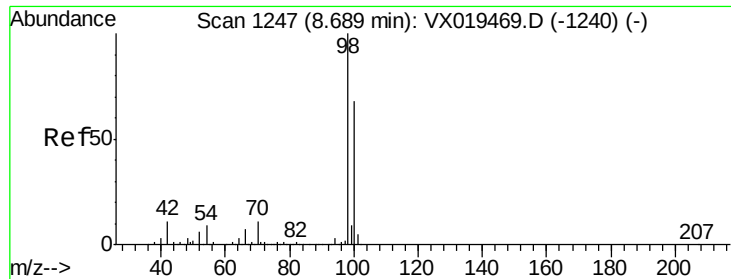
Tgt Ion: 91 Resp: 1442885

Ion Ratio Lower Upper

91 100

92 58.8 47.4 71.2





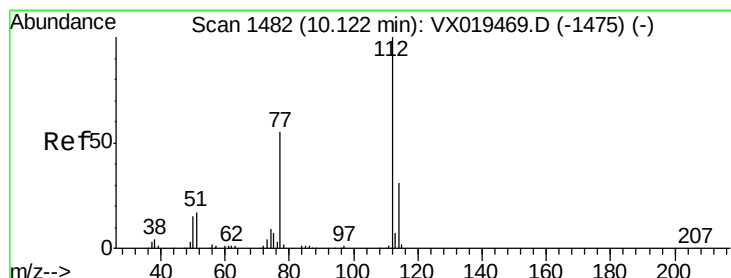
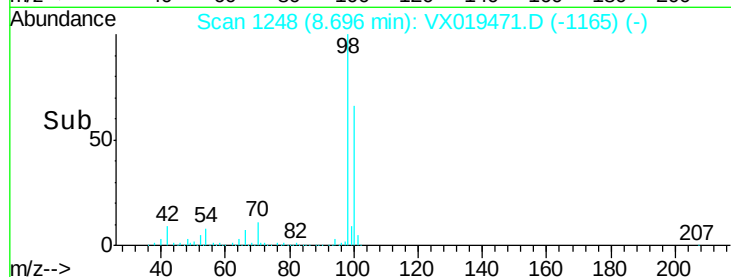
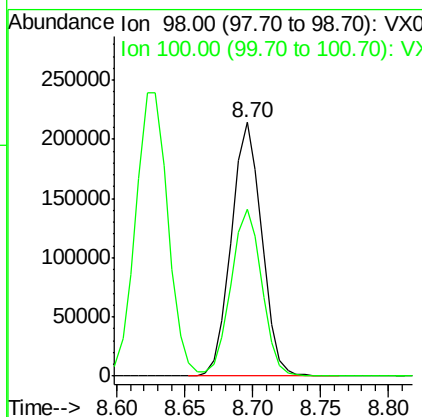
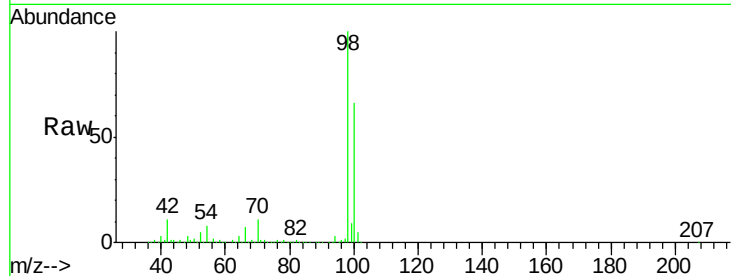
#63
Toluene-d8
Concen: 30.673 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.01 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion: 98 Resp: 334123
Ion Ratio Lower Upper
98 100
100 67.0 53.6 80.4

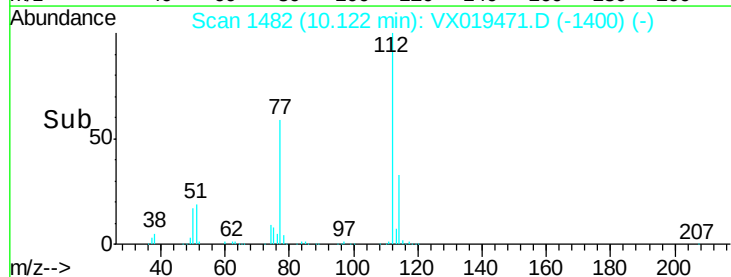
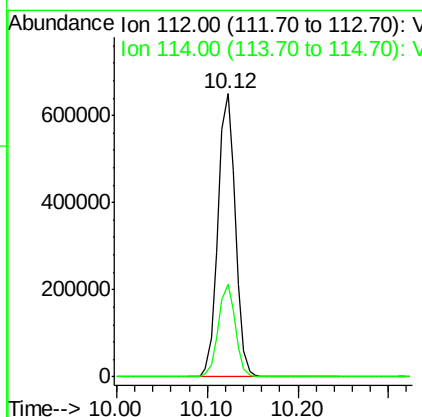
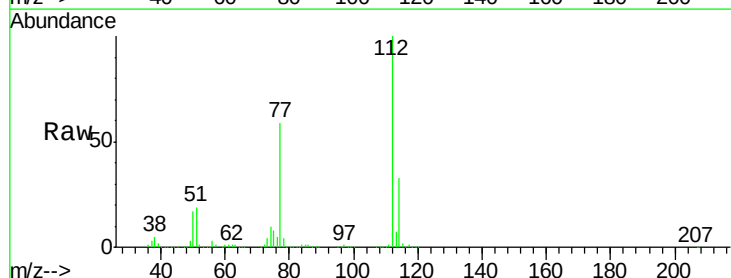
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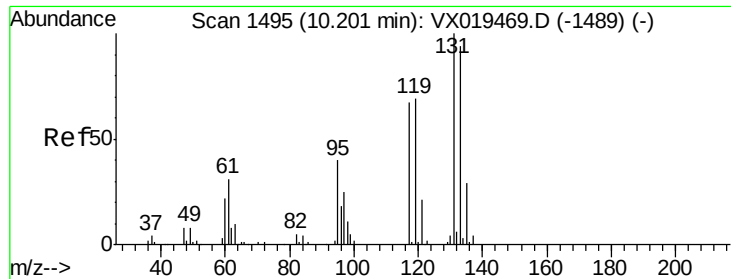
MMDadoda
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#64
Chlorobenzene
Concen: 104.805 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion: 112 Resp: 874965
Ion Ratio Lower Upper
112 100
114 32.7 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 108.221 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

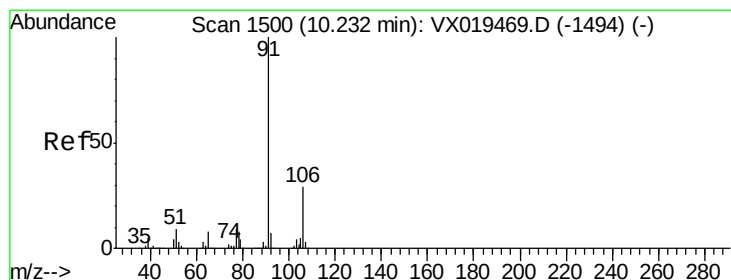
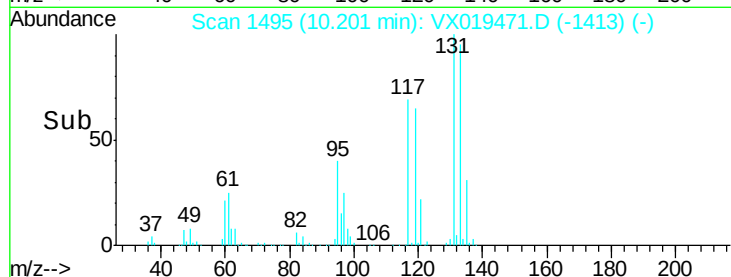
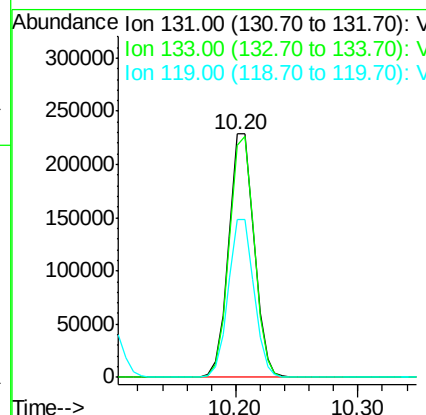
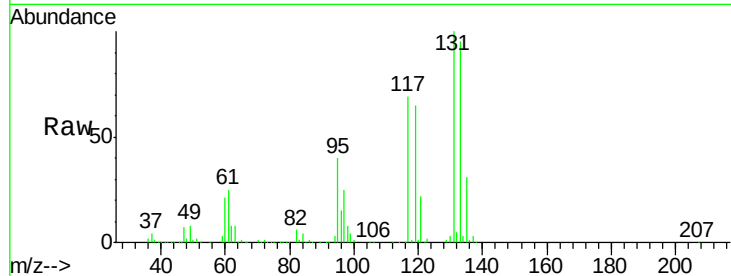
ClientSampleId :

VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	328829		
133	96.9	0.0	189.4	
119	65.0	0.0	130.4	

Manual Integrations
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#66

Ethyl Benzene

Concen: 108.802 ug/l

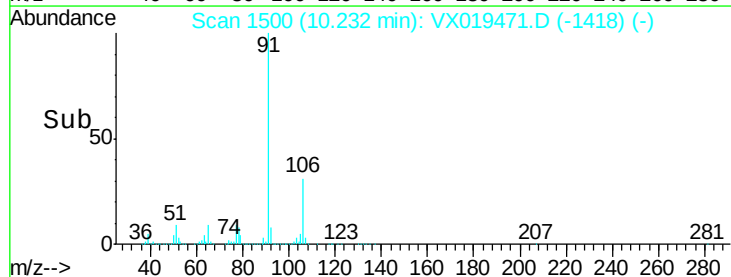
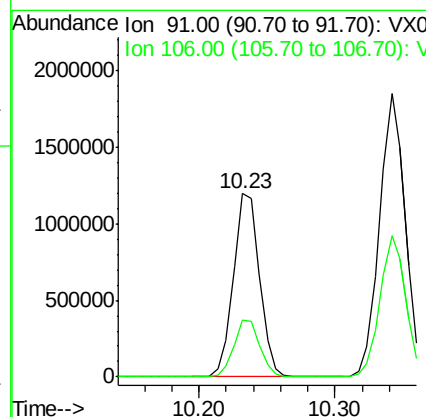
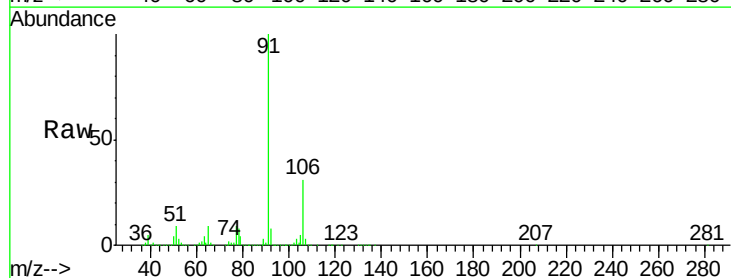
RT: 10.23 min Scan# 1500

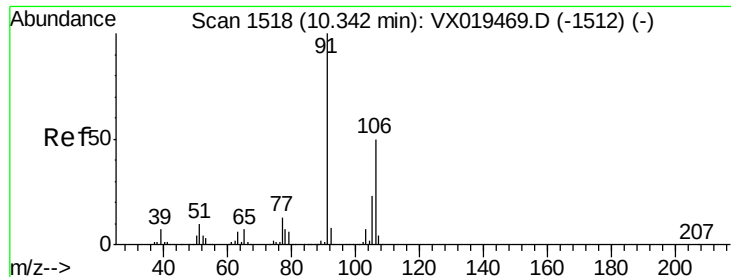
Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1602411		
106	31.2	23.5	35.3	





#67

m/p-Xylenes

Concen: 215.148 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:106 Resp: 1206363

Ion Ratio Lower Upper

106 100

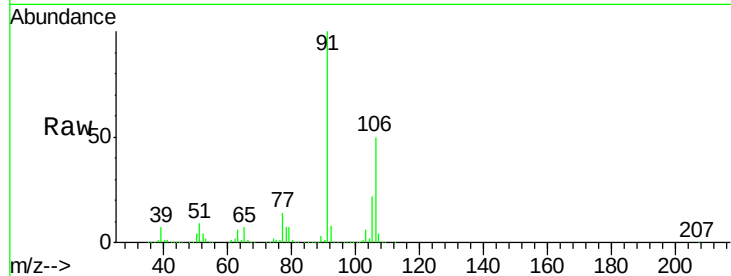
91 201.1 162.7 244.1

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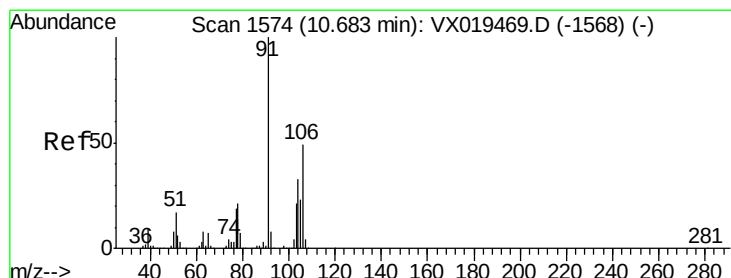
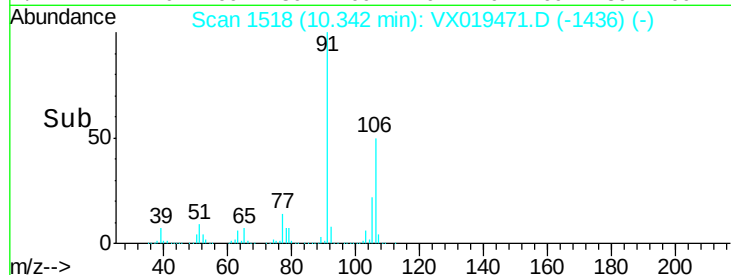
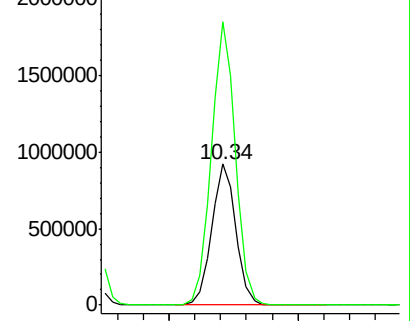
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 107.694 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019471.D

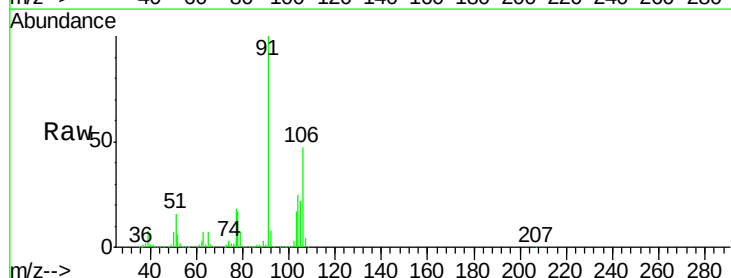
Acq: 19 Nov 2020 17:22

Tgt Ion:106 Resp: 575881

Ion Ratio Lower Upper

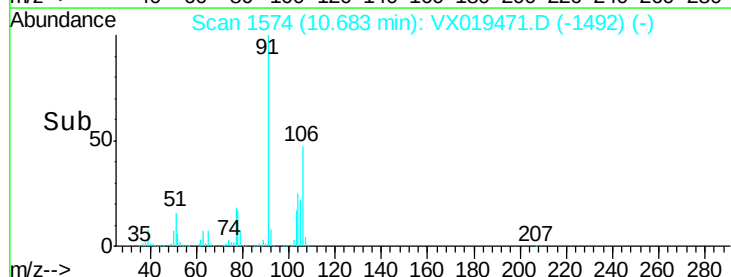
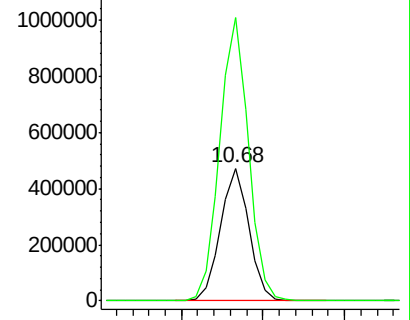
106 100

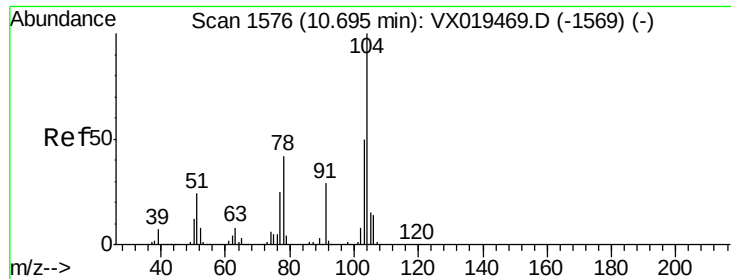
91 214.3 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





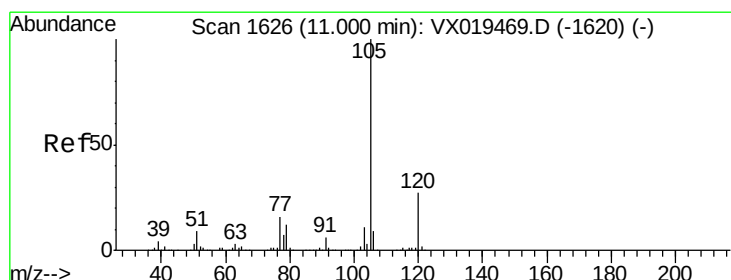
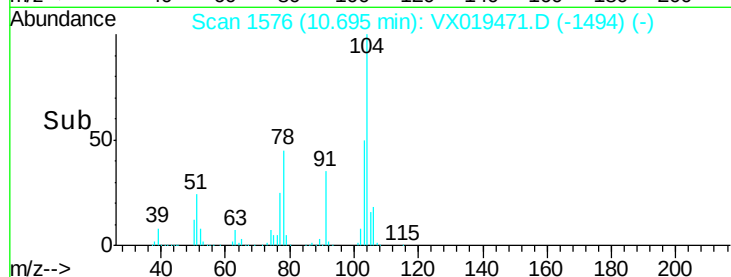
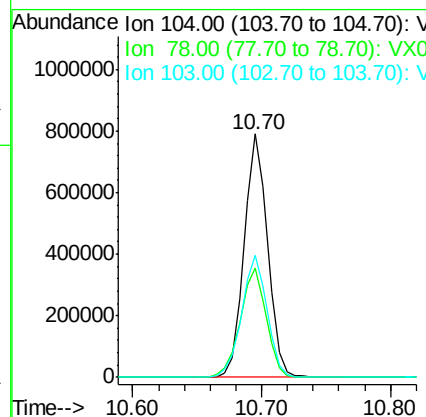
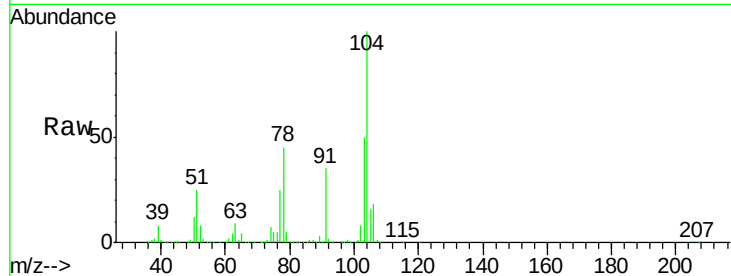
#69
Stvrene
Concen: 109.803 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tot Ion	Ratio	Resp	Lower	Upper
104	100	992368		
78	49.9	39.2	58.8	
103	54.5	43.8	65.8	

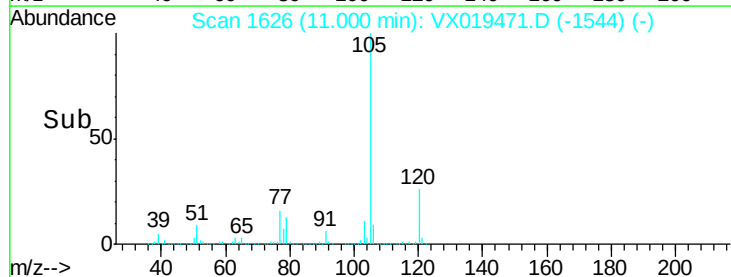
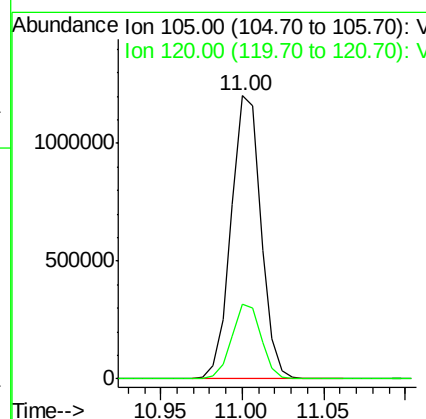
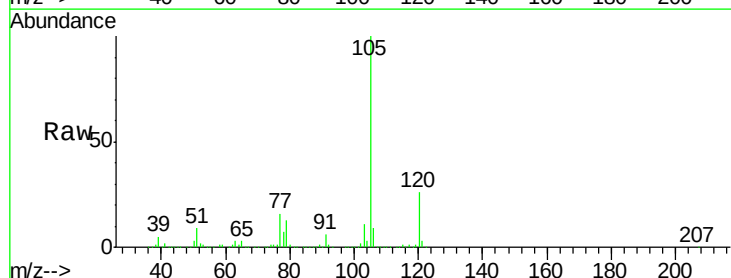
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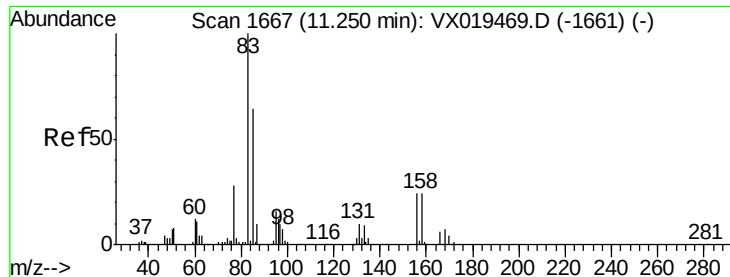
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#70
Isopropylbenzene
Concen: 106.090 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1532011		
120	26.1	18.5	34.3	





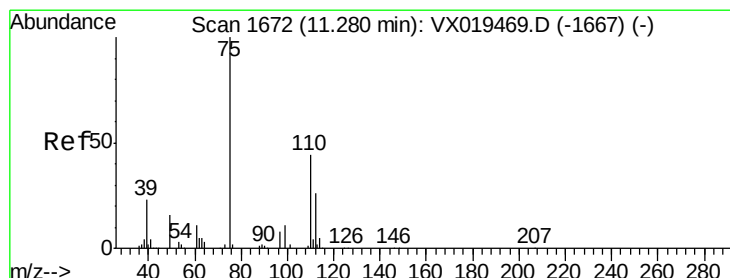
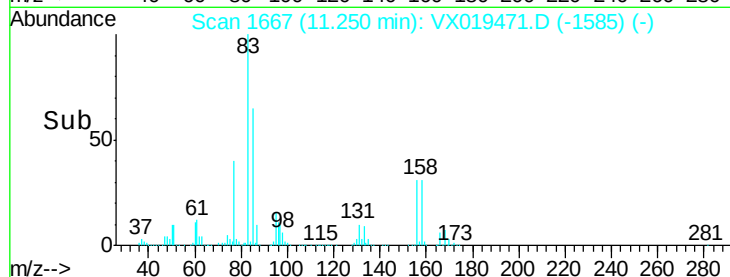
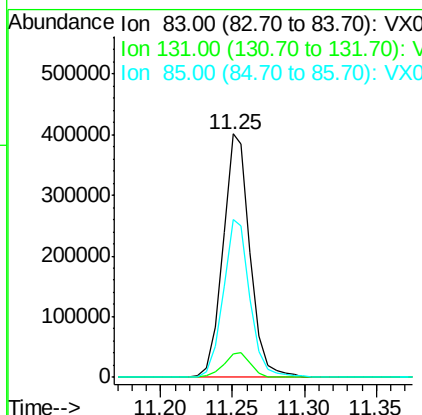
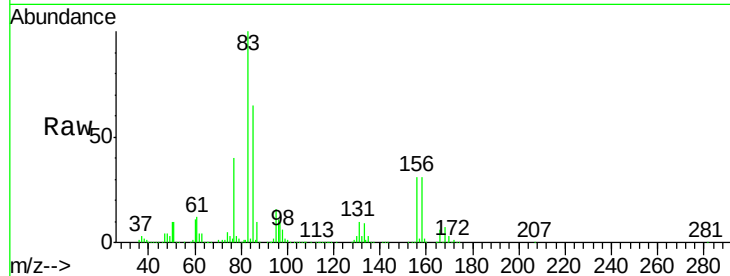
#71
 1,1,2,2-Tetrachloroethane
 Concen: 122.834 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	10.2	4.9	14.7	
85	64.3	31.6	94.8	

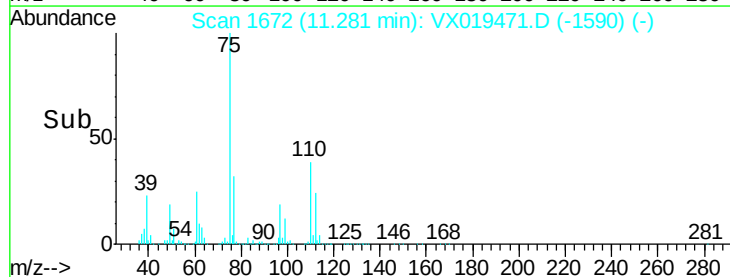
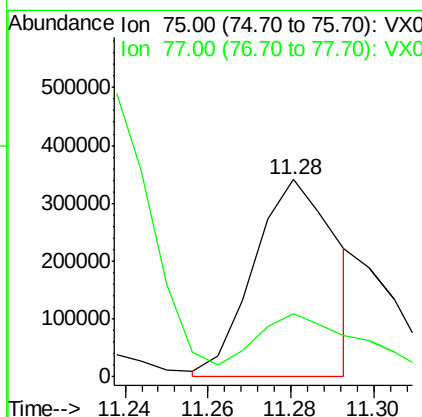
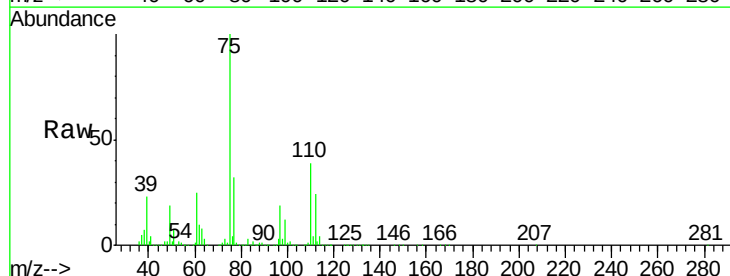
Manual Integrations
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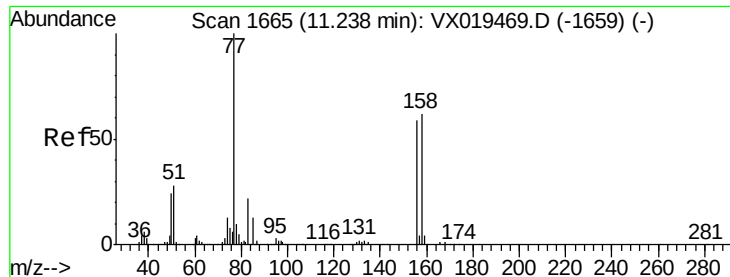
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 122.872 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	41.4	0.0	78.4	





#73

Bromobenzene

Concen: 107.393 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

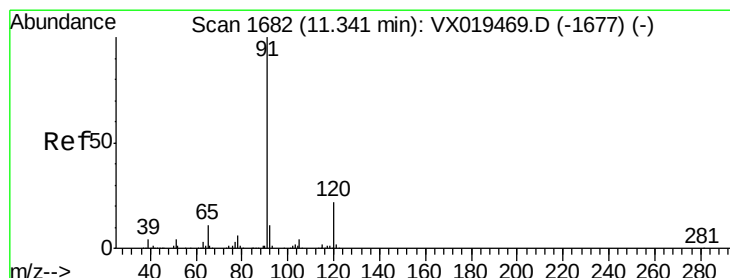
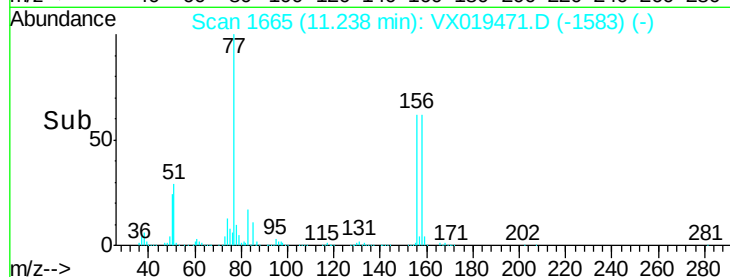
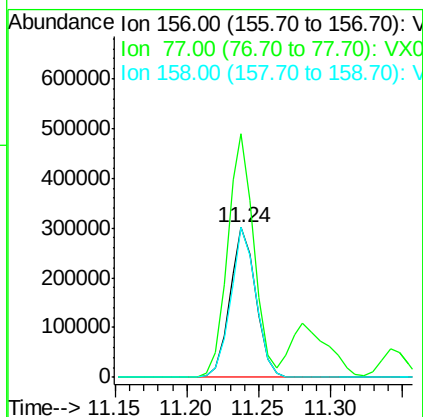
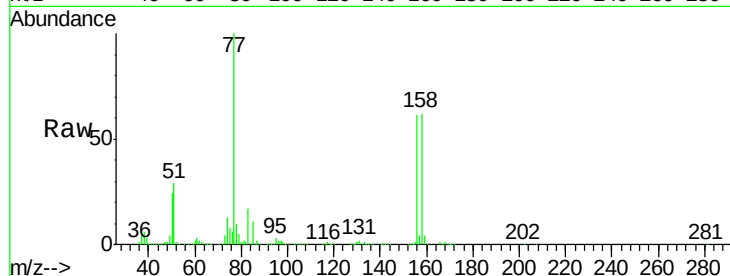
ClientSampleId :

VSTDIC100

Tot Ion:	156	Resp:	379487
Ion Ratio	Lower	Upper	
156	100		
77	164.8	0.0	329.0
158	97.5	0.0	197.0

Manual Integrations
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#74

n-propylbenzene

Concen: 111.154 ug/l

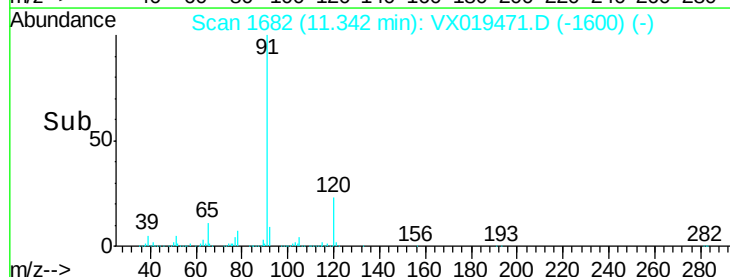
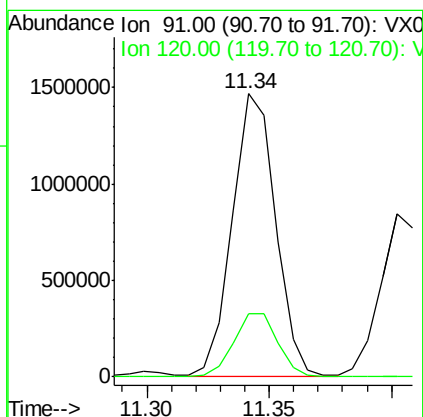
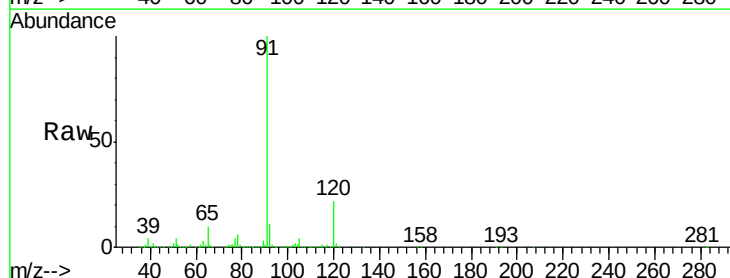
RT: 11.34 min Scan# 1682

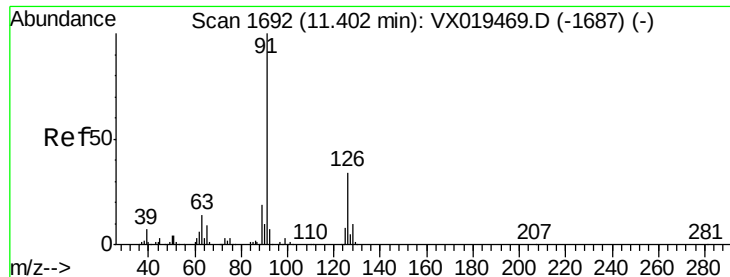
Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Tgt Ion:	91	Resp:	1818432
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.6





#75

2-Chlorotoluene

Concen: 113.372 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1066497

Ion Ratio Lower Upper

91 100

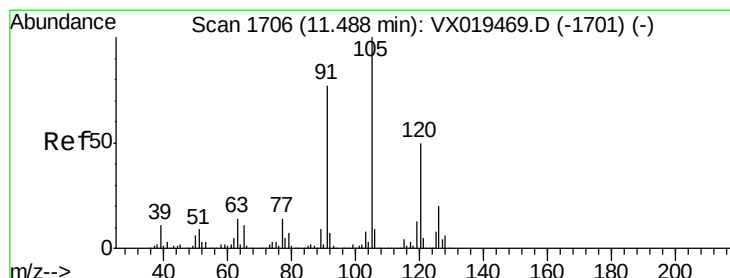
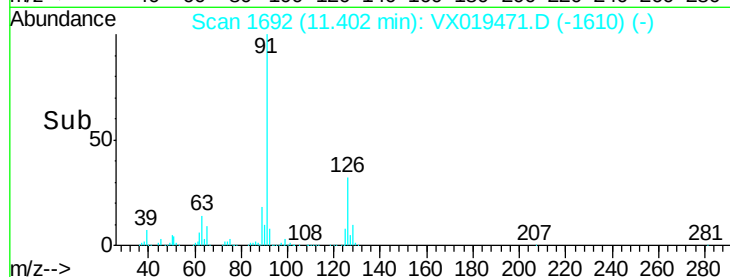
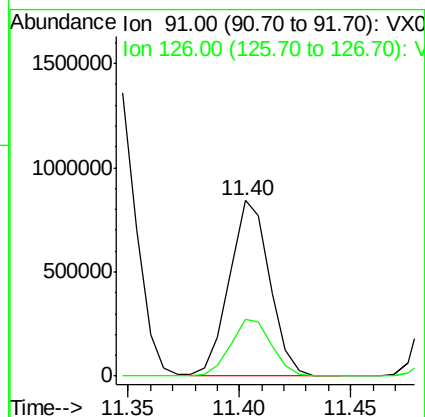
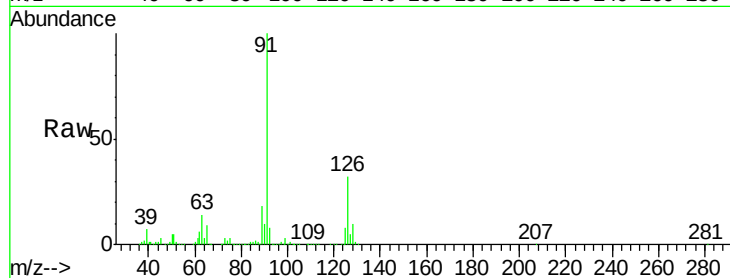
126 32.8 0.0 66.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 111.738 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019471.D

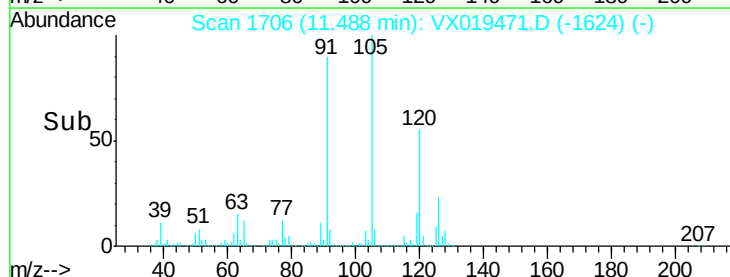
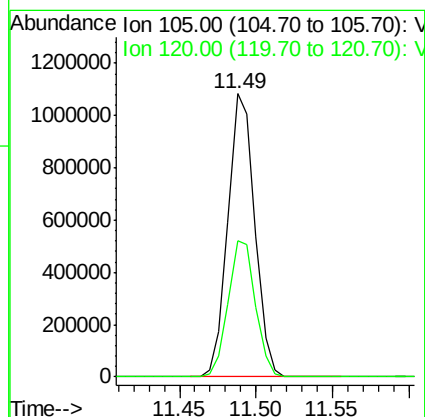
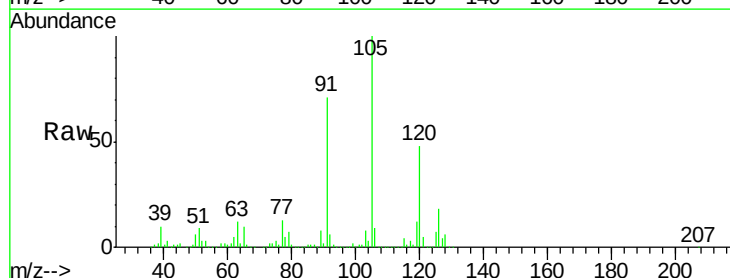
Acq: 19 Nov 2020 17:22

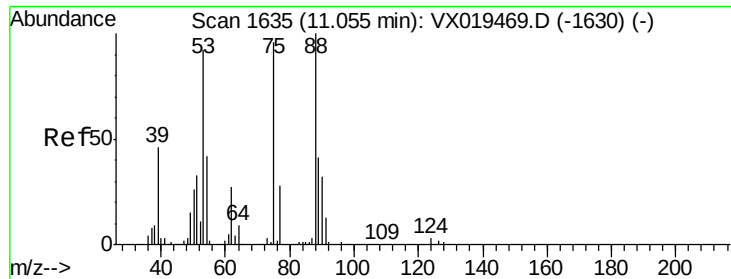
Tgt Ion: 105 Resp: 1316693

Ion Ratio Lower Upper

105 100

120 48.8 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 123.053 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 180718

Ion Ratio Lower Upper

75 100

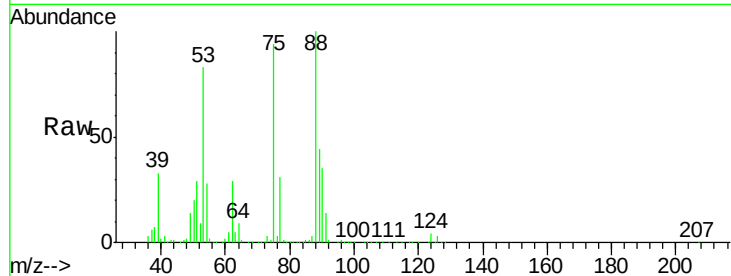
53 87.4 47.9 143.6

89 46.8 21.4 64.2

Manual Integrations
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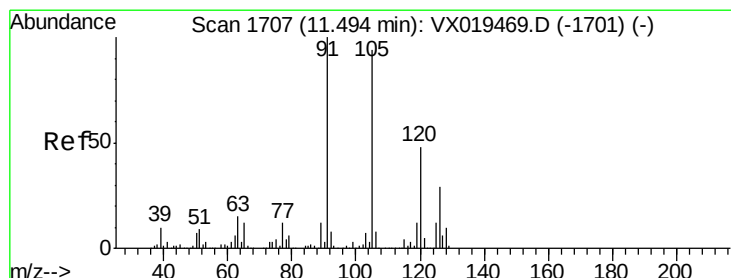
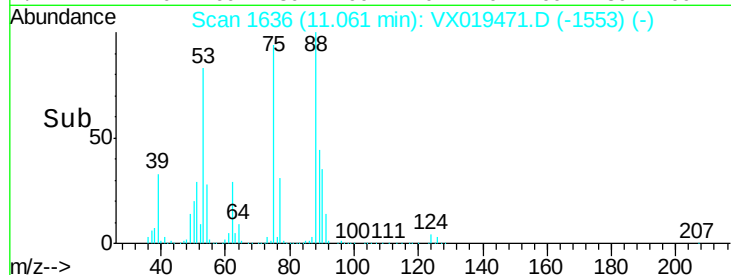
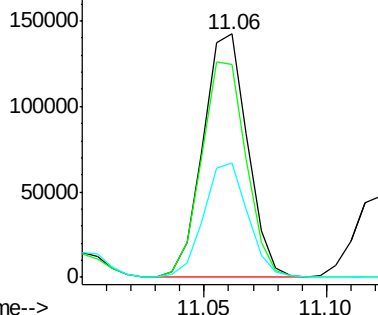
11/20/2020 12:25:07 PM



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 115.305 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019471.D

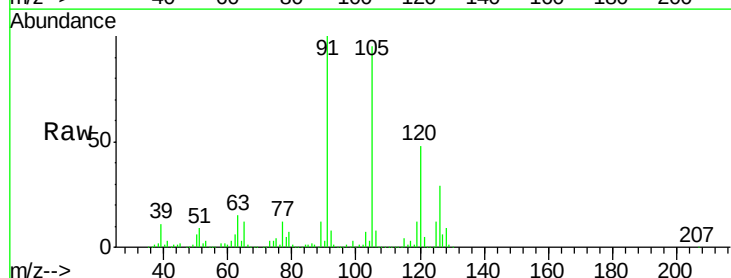
Acq: 19 Nov 2020 17:22

Tgt Ion: 91 Resp: 1270170

Ion Ratio Lower Upper

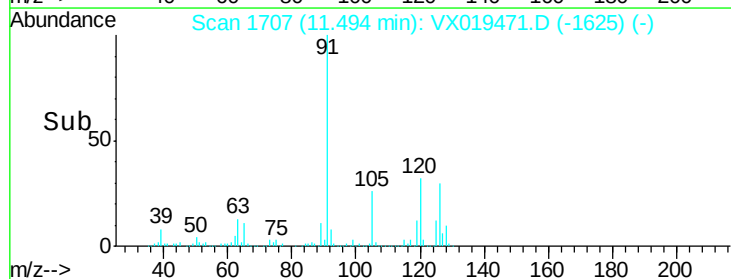
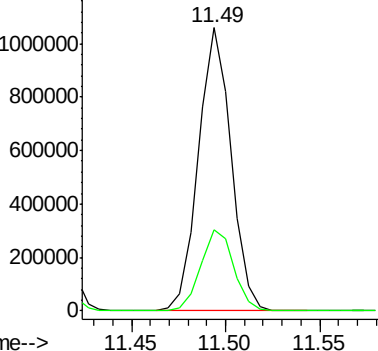
91 100

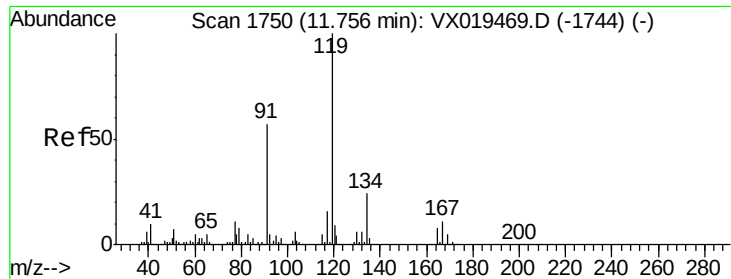
126 29.0 0.0 58.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





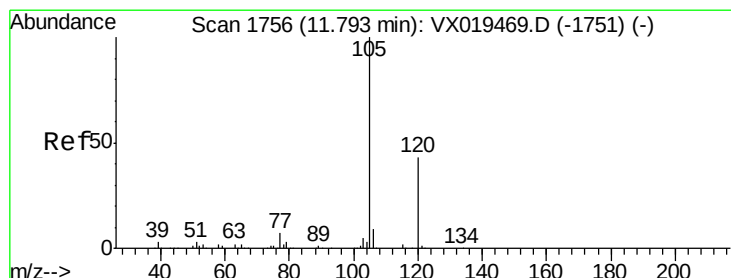
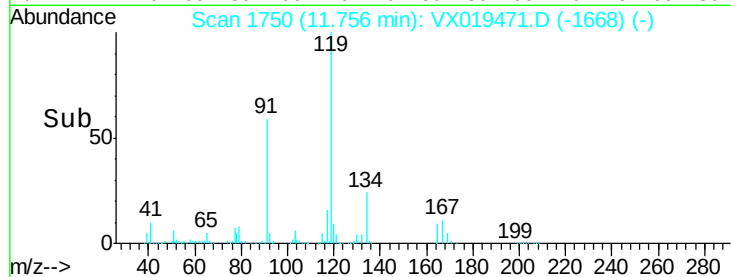
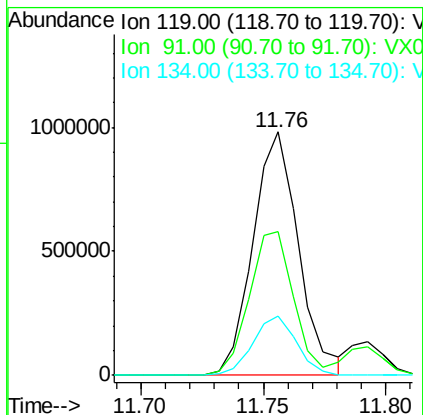
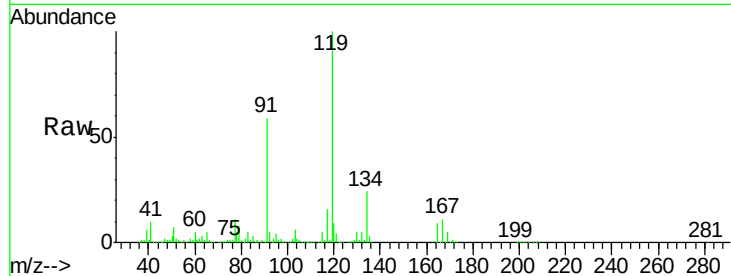
#79
tert-butylbenzene
Concen: 110.978 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	0.0	117.0
134	23.3	0.0	47.2

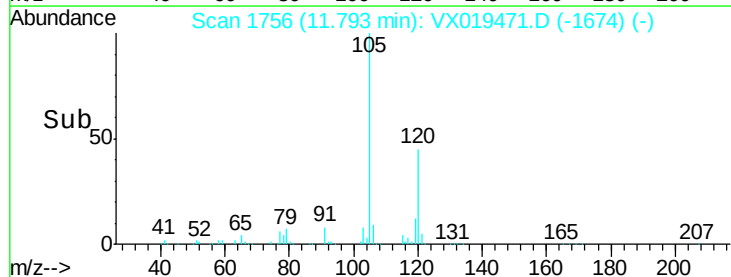
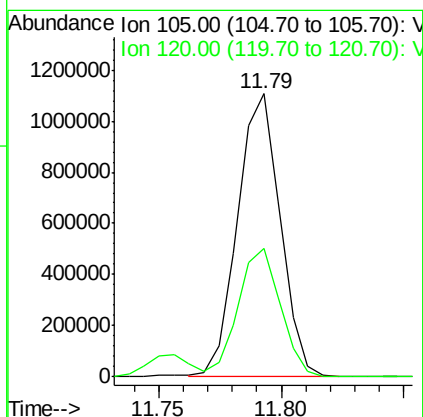
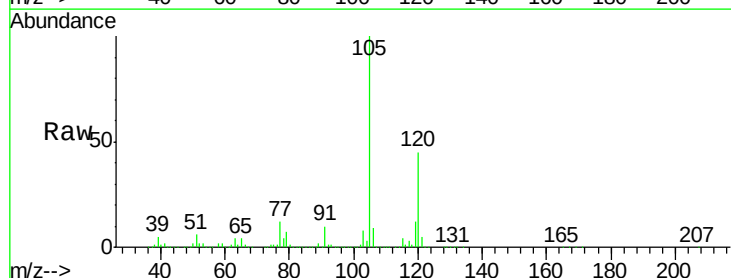
Manual Integrations
APPROVED

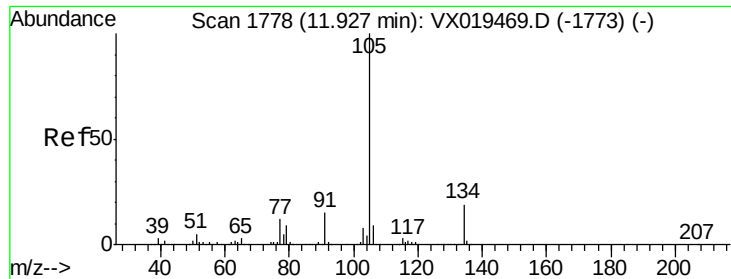
MMDadoda
11/20/2020 12:25:07 PM



#80
1,2,4-Trimethylbenzene
Concen: 114.387 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	0.0	91.2





#81

sec-Butylbenzene

Concen: 111.147 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 1524232

Ion Ratio Lower Upper

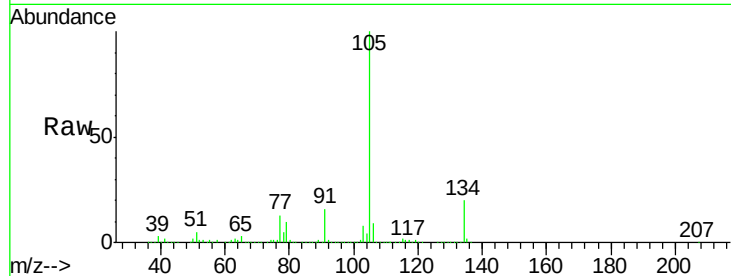
105 100

134 20.4 0.0 39.2

Manual Integrations
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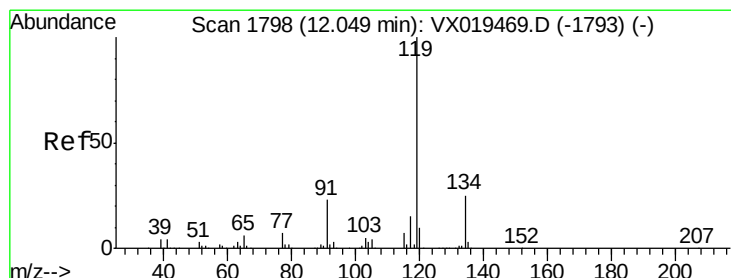
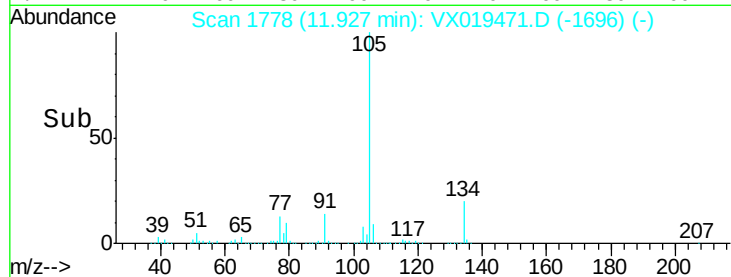
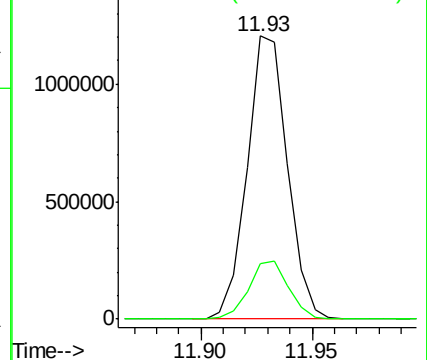
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 112.304 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019471.D

Acq: 19 Nov 2020 17:22

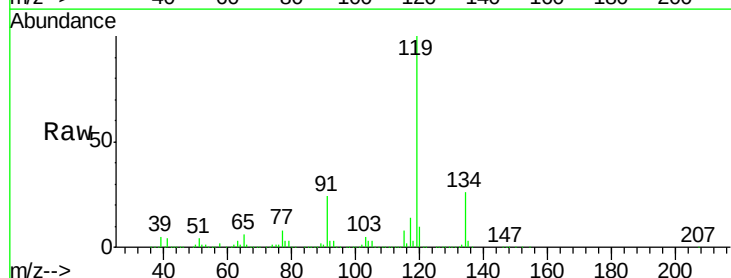
Tgt Ion:119 Resp: 1413214

Ion Ratio Lower Upper

119 100

134 26.4 0.0 51.8

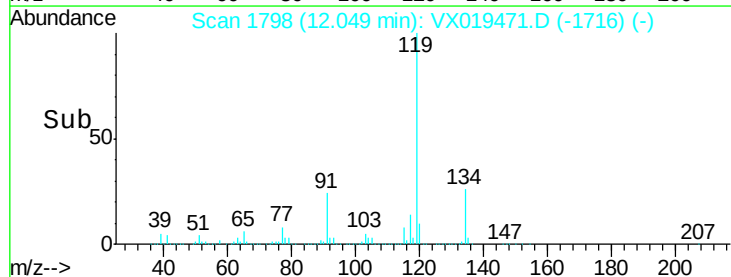
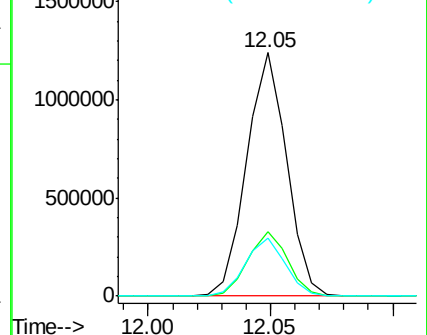
91 23.8 0.0 47.6

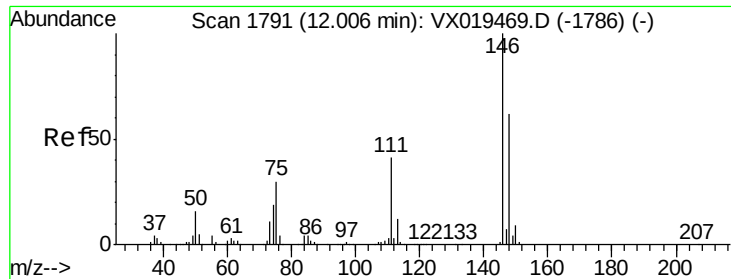


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





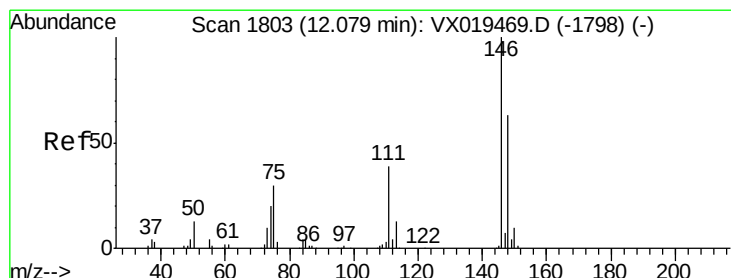
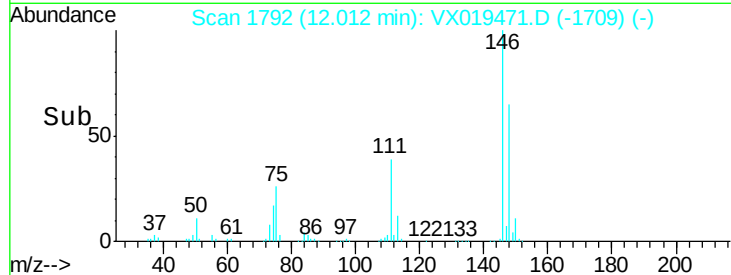
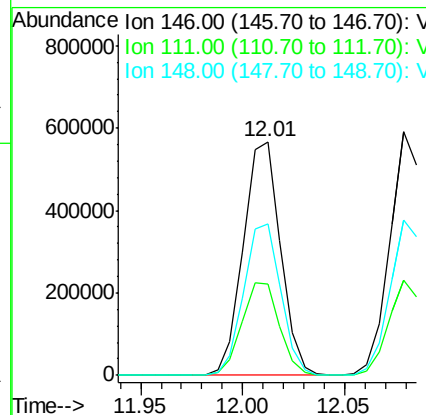
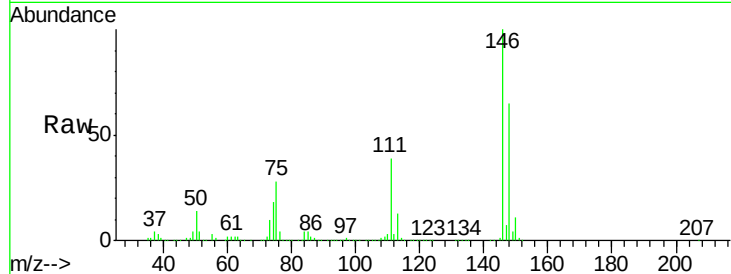
#83
 1,3-Dichlorobenzene
 Concen: 112.755 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	60.0
148	64.6	31.4	94.0

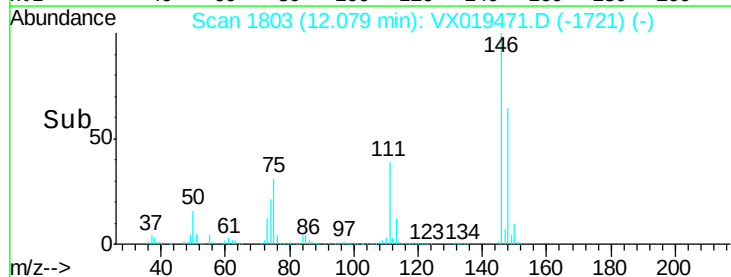
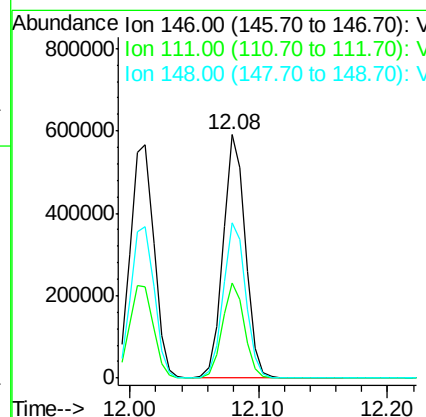
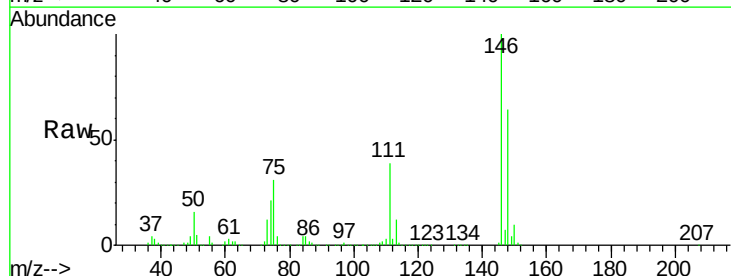
Manual Integrations
 APPROVED

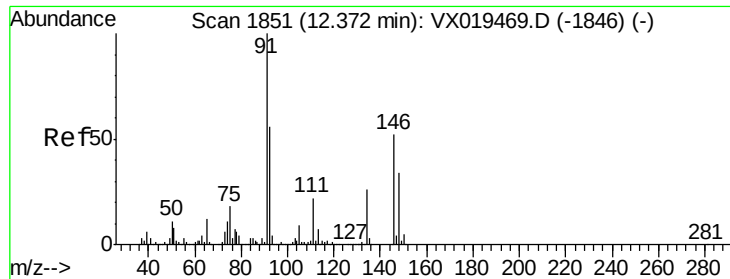
MMDadoda
 11/20/2020 12:25:07 PM



#84
 1,4-Dichlorobenzene
 Concen: 111.595 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.4	31.4	94.2





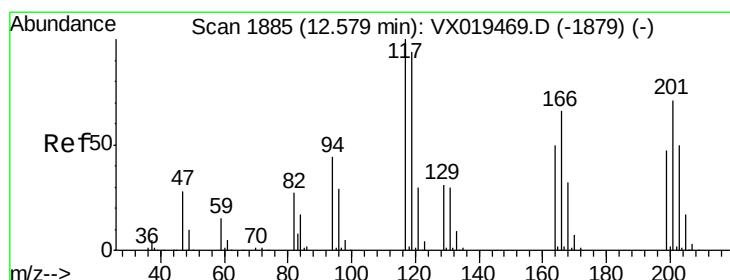
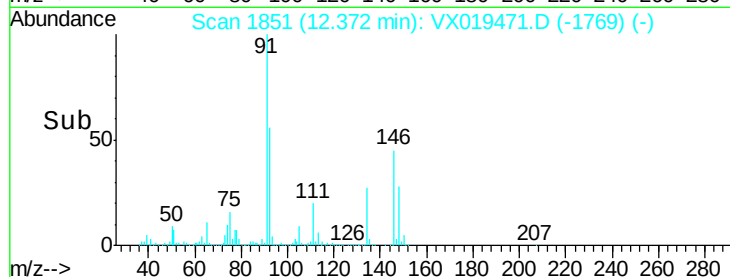
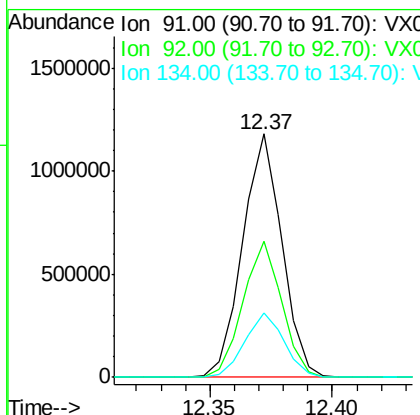
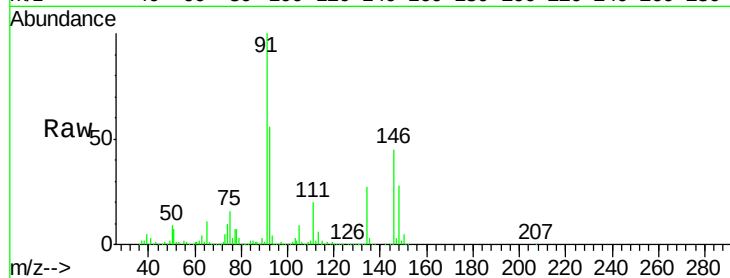
#85
n-Butylbenzene
Concen: 116.755 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 91 Resp: 1312893
Ion Ratio Lower Upper
91 100
92 55.1 0.0 111.2
134 26.4 0.0 51.2

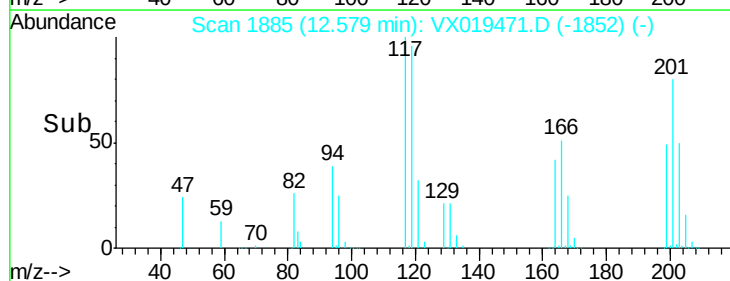
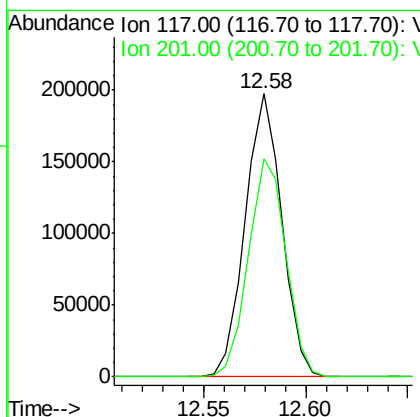
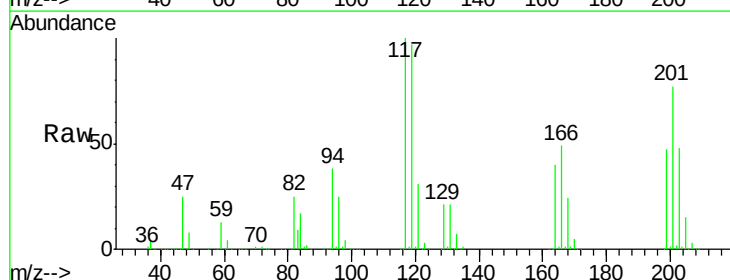
Manual Integrations
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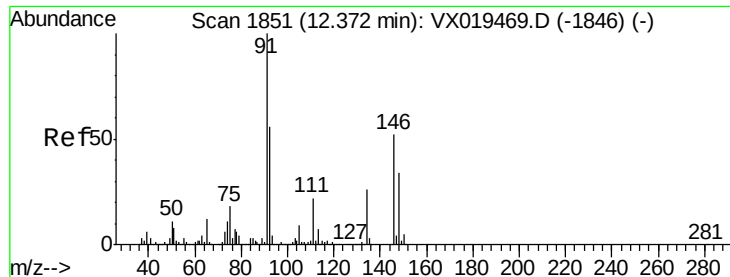
MMDadoda
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#86
Hexachloroethane
Concen: 125.318 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion: 117 Resp: 246656
Ion Ratio Lower Upper
117 100
201 79.1 38.4 115.1





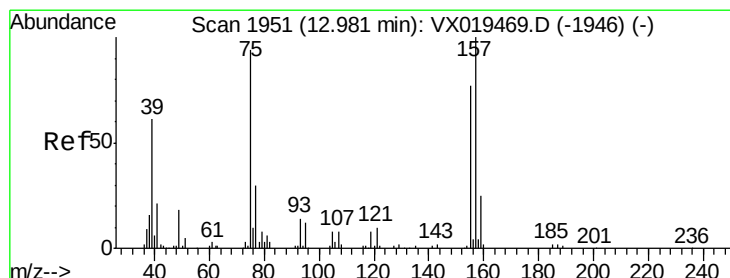
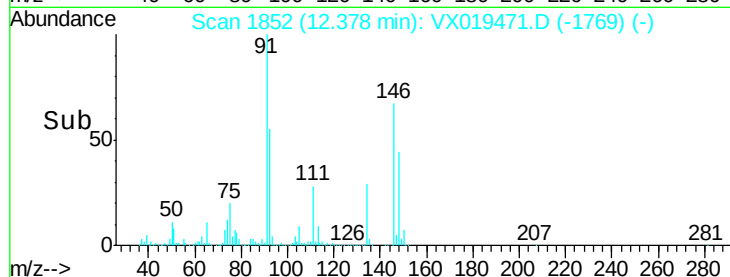
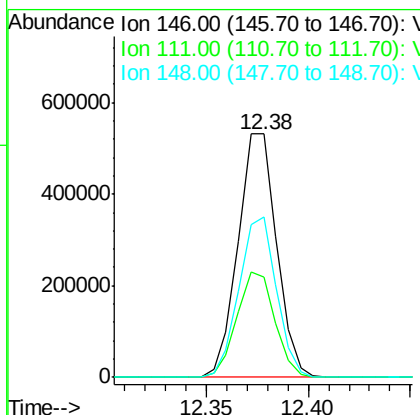
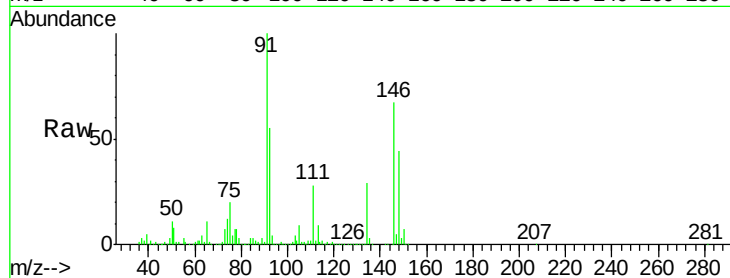
#87
 1,2-Dichlorobenzene
 Concen: 114.186 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
146	100	700150		
111	42.5	20.5	61.6	
148	64.1	31.5	94.5	

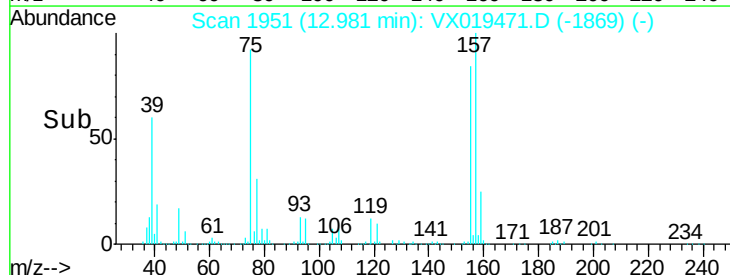
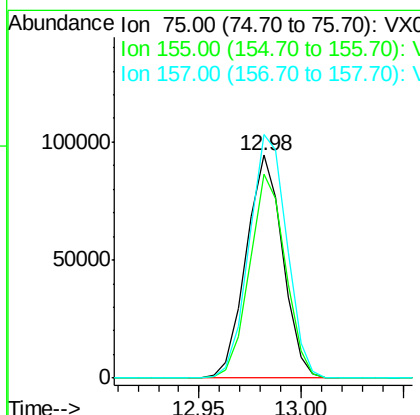
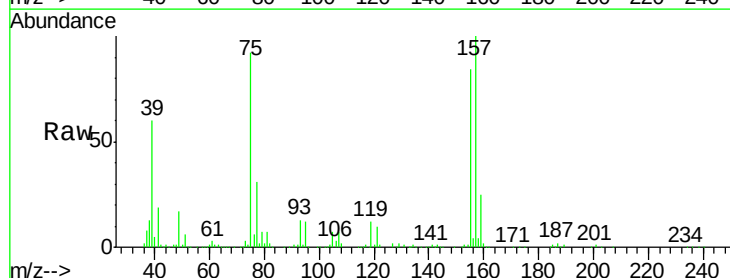
Manual Integrations
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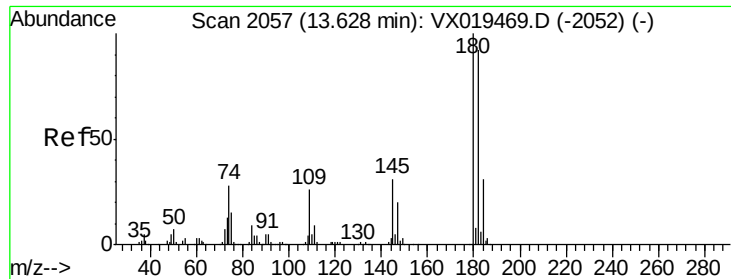
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 124.597 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118120		
155	89.7	68.6	103.0	
157	112.2	90.0	135.0	





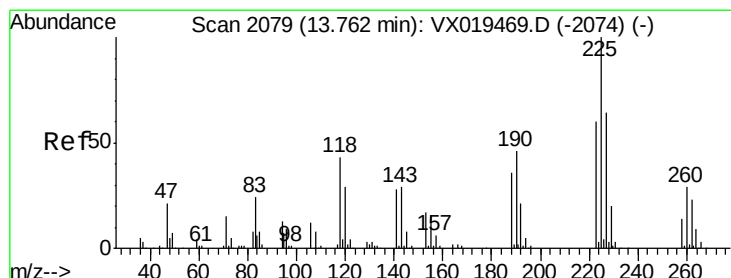
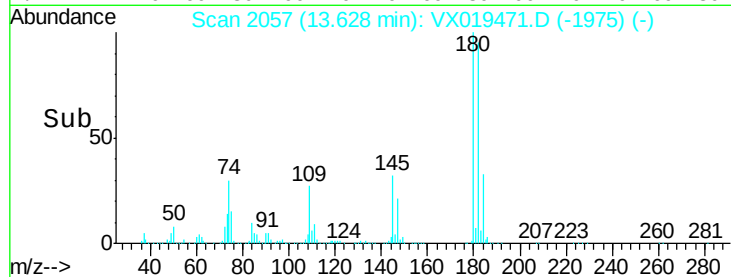
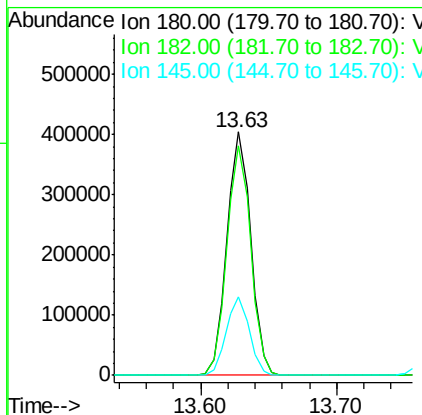
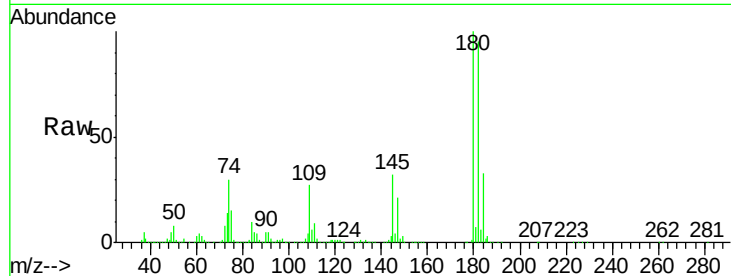
#89
 1,2,4-Trichlorobenzene
 Concen: 114.123 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	31.4	24.7	37.1

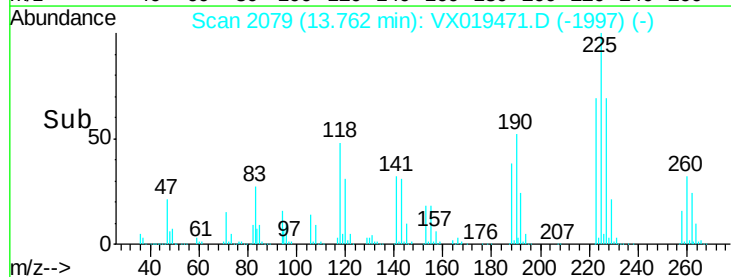
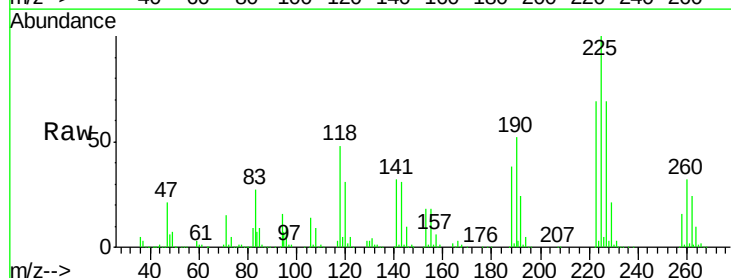
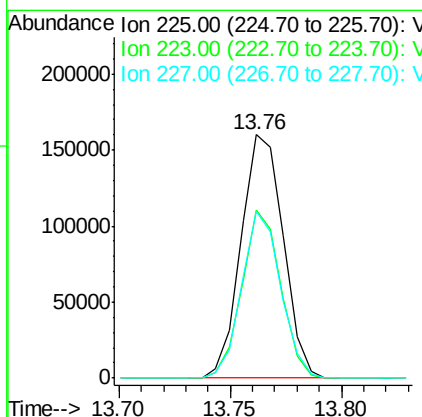
Manual Integrations
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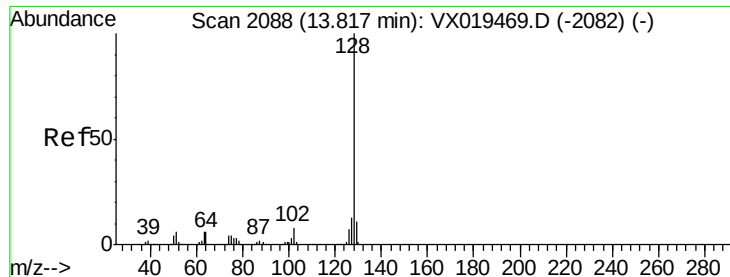
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 11/20/2020 12:25:07 PM



#90
 Hexachlorobutadiene
 Concen: 112.683 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019471.D
 Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	0.0	119.2
227	63.1	0.0	126.4





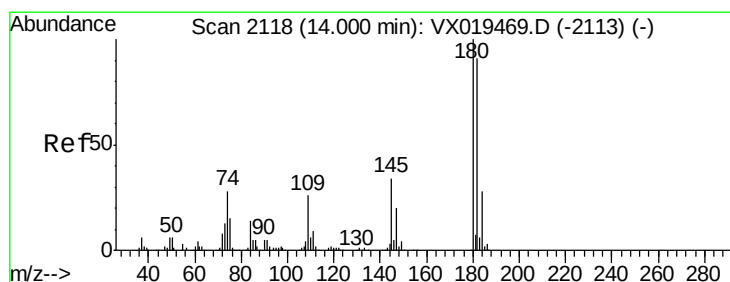
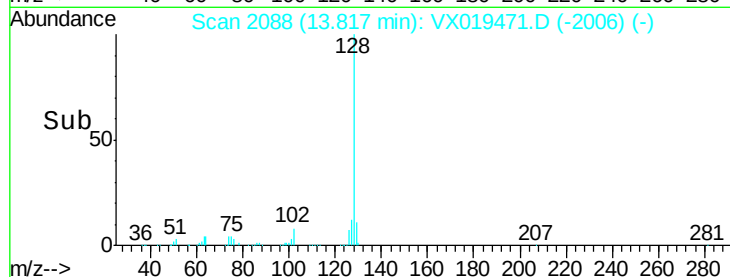
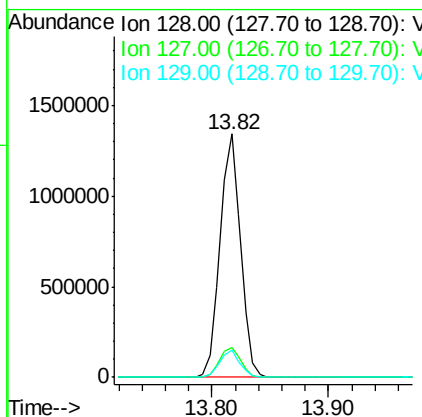
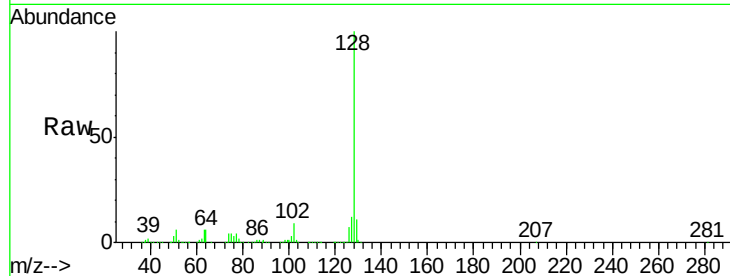
#91
Naphthalene
Concen: 115.335 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.9	8.6	12.8

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 118.813 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019471.D
Acq: 19 Nov 2020 17:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	0.0	192.2
145	32.0	0.0	63.6

