

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112020\
 Data File : VX019472.D
 Acq On : 19 Nov 2020 17:45
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 11/20/2020 12:25:09 PM

Quant Time: Nov 19 18:07:58 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	49370	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	277684	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	247302	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	107252	32.23	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.43%
60) 4-Bromofluorobenzene	11.12	95	123726	32.76	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	109.20%
63) Toluene-d8	8.70	98	330582	30.28	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.93%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	418885	159.993	ug/l 99
3) Chloromethane	1.31	50	453189	183.745	ug/l 98
4) Vinyl Chloride	1.39	62	510081	165.043	ug/l 98
5) Bromomethane	1.62	94	174006	85.845	ug/l 99
6) Chloroethane	1.68	64	111986	59.080	ug/l 99
7) Trichlorofluoromethane	1.89	101	727237	140.097	ug/l 99
8) Diethyl Ether	2.17	74	297256	151.236	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.35	101	407793	159.817	ug/l 99
10) 1,1-Dichloroethene	2.34	96	420654	162.321	ug/l 98
11) Methyl Iodide	2.48	142	578610	219.551	ug/l 97
12) Methyl Acetate	2.75	43	505986	189.607	ug/l 97
13) Acrolein	2.28	56	372773	1301.197	ug/l 100
14) Acrylonitrile	3.12	53	1216801	960.010	ug/l 100
15) Acetone	2.43	58	346528	940.415	ug/l 98
16) Carbon Disulfide	2.54	76	1170537	165.486	ug/l 99
17) Allyl chloride	2.70	41	663188	197.833	ug/l 99
18) Methylene Chloride	2.83	84	491337	163.715	ug/l 99
19) trans-1,2-Dichloroethene	3.14	96	477094	159.710	ug/l 98
20) Diisopropyl ether	3.83	45	1389408	201.085	ug/l 91
21) 1,1-Dichloroethane	3.67	63	827564	170.310	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	550581	159.033	ug/l 98
23) tert-Butyl Alcohol	3.06	59	507349	830.426	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	1490165	179.377	ug/l 99
25) Chloroform	5.18	83	862309	161.630	ug/l 99
26) Cyclohexane	5.54	56	719428	186.842	ug/l # 99
29) 1,1-Dichloropropene	5.76	75	649717	159.718	ug/l 99
30) 2-Butanone	4.64	43	1576634	913.408	ug/l 99
31) 2,2-Dichloropropane	4.55	77	731988	157.279	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	759325	155.609	ug/l 98
33) Carbon Tetrachloride	5.75	117	656365	155.432	ug/l 96
34) Benzene	6.11	78	1981415	162.751	ug/l 99
35) Methacrylonitrile	5.01	41	334898	183.860	ug/l 97
36) 1,2-Dichloroethane	6.16	62	671738	160.334	ug/l 100
37) Trichloroethene	7.18	130	528812	153.407	ug/l 98
38) Methylcyclohexane	7.44	83	796047	171.653	ug/l 98
39) 1,2-Dichloropropane	7.49	63	494281	171.524	ug/l 100
40) Dibromomethane	7.63	93	340146	155.528	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	691393	161.177	ug/l	100
42) Vinyl Acetate	3.79	43	6037731	925.413	ug/l	99
43) Ethyl Acetate	4.80	43	628487	178.529	ug/l	97
44) Isopropyl Acetate	6.42	43	1026420	175.018	ug/l	99
45) 1,4-Dioxane	7.72	88	228500	3665.271	ug/l	95
46) Methyl methacrylate	7.75	41	506574	182.256	ug/l	98
47) n-amyl Acetate	10.88	43	915535	193.757	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	771100	161.670	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	836517	163.866	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	488423	152.446	ug/l	95
51) Ethyl methacrylate	9.16	69	774921	168.837	ug/l	98
52) 1,3-Dichloropropane	9.35	76	819783	157.227	ug/l	99
53) Dibromochloromethane	9.57	129	529401	152.086	ug/l	98
54) 1,2-Dibromoethane	9.65	107	515908	150.246	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	2027905	835.864	ug/l	99
56) Bromoform	10.84	173	395438	162.730	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	3021816	906.825	ug/l	98
59) 2-Hexanone	9.48	43	2334974	936.657	ug/l	99
61) Tetrachloroethene	9.32	164	459143	148.841	ug/l	98
62) Toluene	8.76	91	2107155	156.855	ug/l	100
64) Chlorobenzene	10.12	112	1267384	151.452	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	486643	159.782	ug/l	99
66) Ethyl Benzene	10.23	91	2317518	156.985	ug/l	97
67) m/p-Xylenes	10.34	106	1731099	308.003	ug/l	100
68) o-Xylene	10.68	106	835763	155.924	ug/l	100
69) Styrene	10.70	104	1462051	161.390	ug/l	99
70) Isopropylbenzene	11.00	105	2258481	156.028	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	772322	179.638	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	673473m	175.053	ug/l	
73) Bromobenzene	11.24	156	561717	158.587	ug/l	99
74) n-propylbenzene	11.34	91	2618451	159.678	ug/l	100
75) 2-Chlorotoluene	11.41	91	1548099	164.180	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	1932026	163.570	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	271806	184.639	ug/l	92
78) 4-Chlorotoluene	11.49	91	1841327	166.759	ug/l	99
79) tert-butylbenzene	11.76	119	1884168	163.388	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1928024	164.213	ug/l	100
81) sec-Butylbenzene	11.93	105	2218104	161.362	ug/l	98
82) p-Isopropyltoluene	12.05	119	2055434	162.953	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	1026387	160.755	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	1057986	163.289	ug/l	98
85) n-Butylbenzene	12.37	91	1935784	171.742	ug/l	99
86) Hexachloroethane	12.58	117	373182	189.155	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1027039	167.101	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	176821	186.077	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	746113	172.557	ug/l	100
90) Hexachlorobutadiene	13.76	225	318566	168.857	ug/l	97
91) Naphthalene	13.82	128	2394778	170.038	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	726294	172.842	ug/l	97

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MSVOA_X
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VSTDICC150

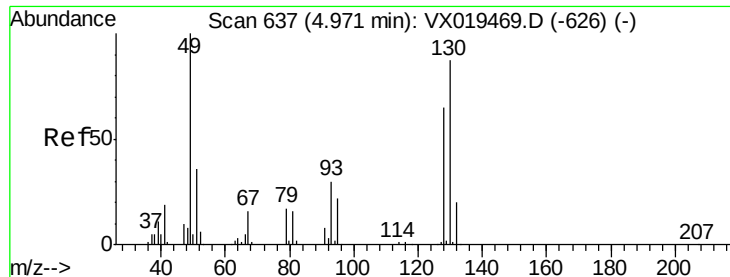
Manual Integrations
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QLast Update : Thu Nov 19 17:22:40 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

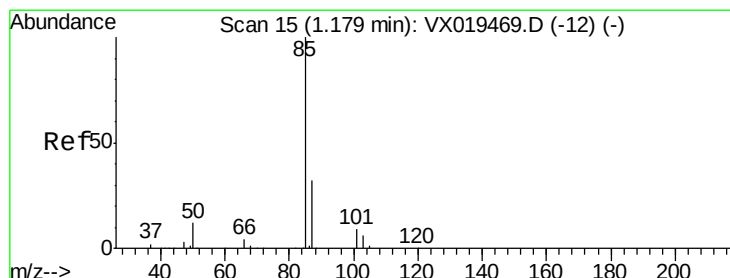
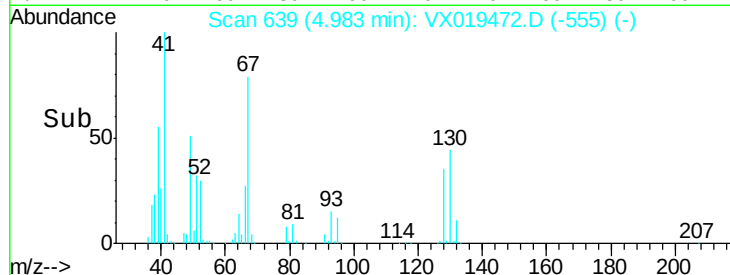
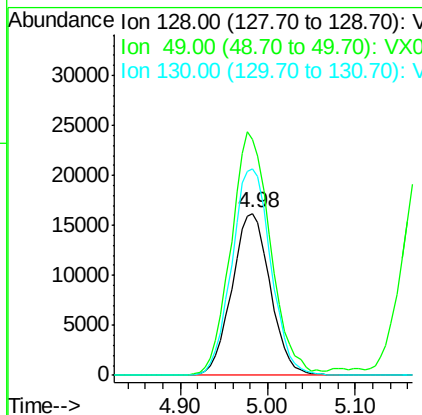
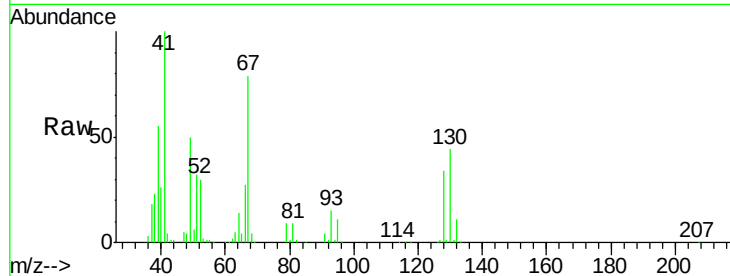
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	154.9	0.0	377.8
130	130.0	0.0	324.0

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#2

Dichlorodifluoromethane

Concen: 159.993 ug/l

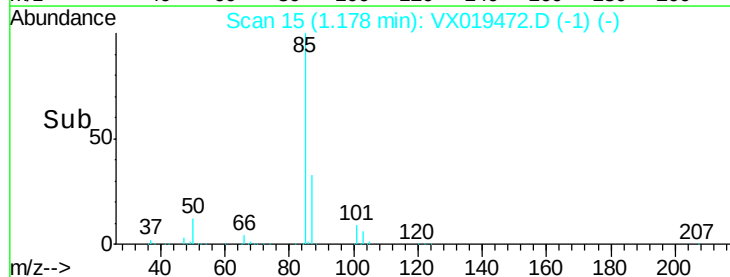
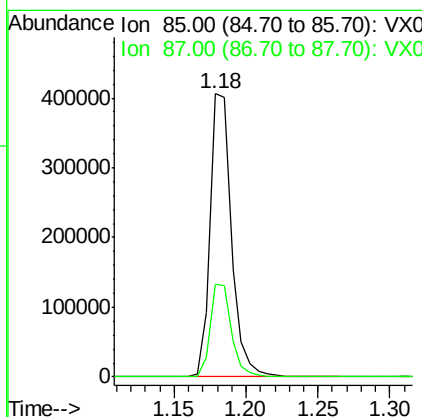
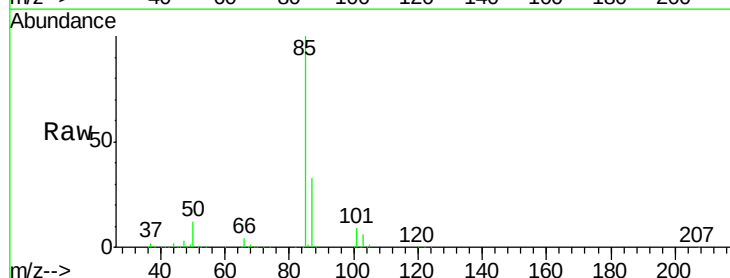
RT: 1.18 min Scan# 15

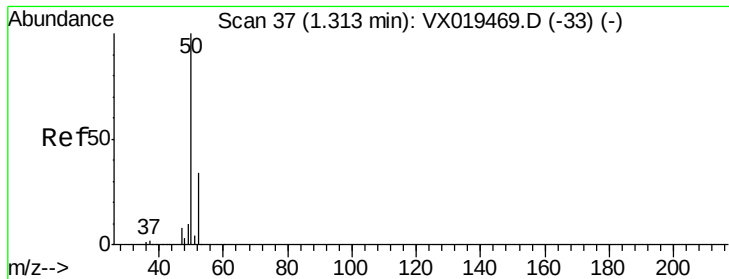
Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.0	47.9





#3

Chloromethane

Concen: 183.745 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 453189

Ion Ratio Lower Upper

50 100

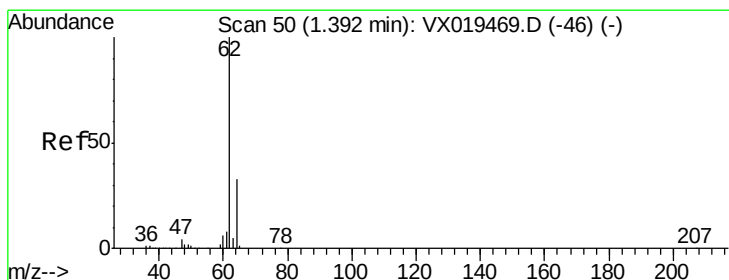
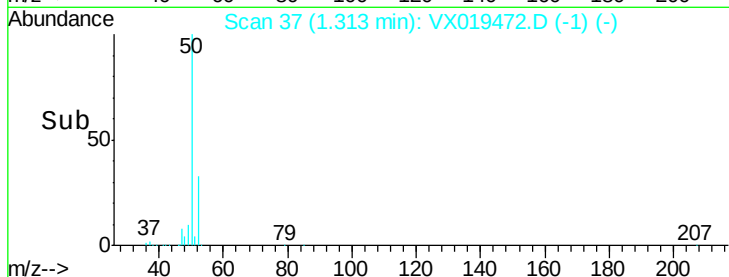
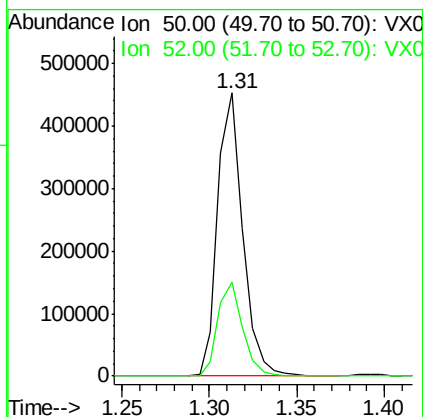
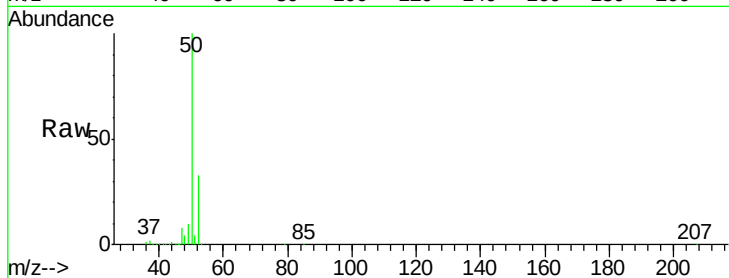
52 33.4 27.5 41.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 165.043 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019472.D

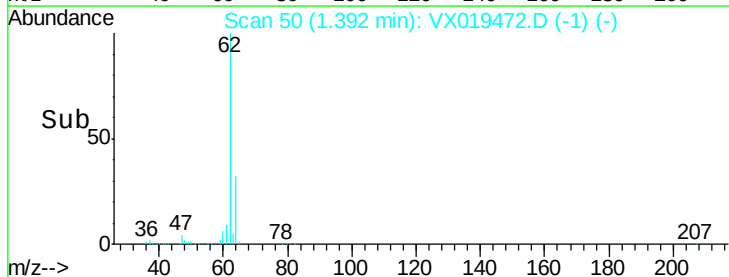
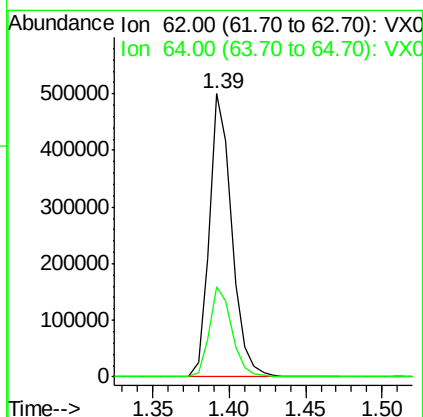
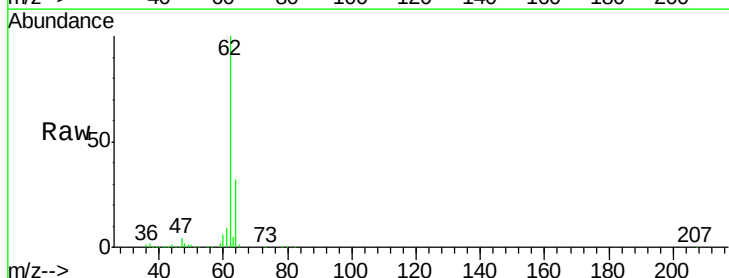
Acq: 19 Nov 2020 17:45

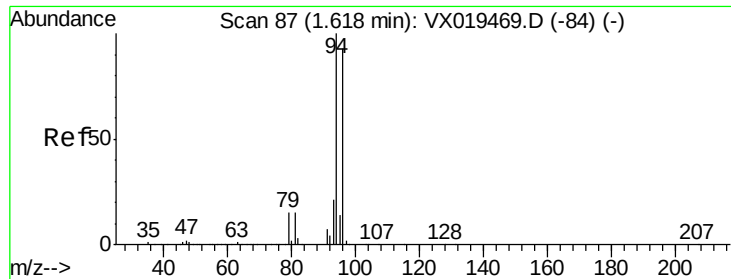
Tgt Ion: 62 Resp: 510081

Ion Ratio Lower Upper

62 100

64 32.0 26.4 39.6





#5

Bromomethane

Concen: 85.845 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 174006

Ion Ratio Lower Upper

94 100

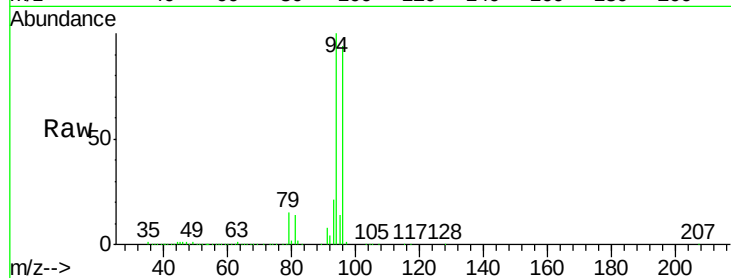
96 93.8 74.6 111.8

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.62

200000

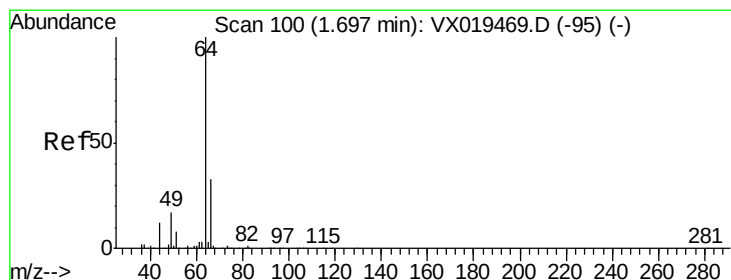
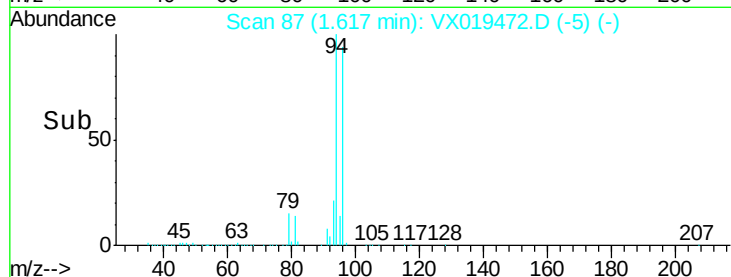
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 59.080 ug/l

RT: 1.68 min Scan# 98

Delta R.T. -0.01 min

Lab File: VX019472.D

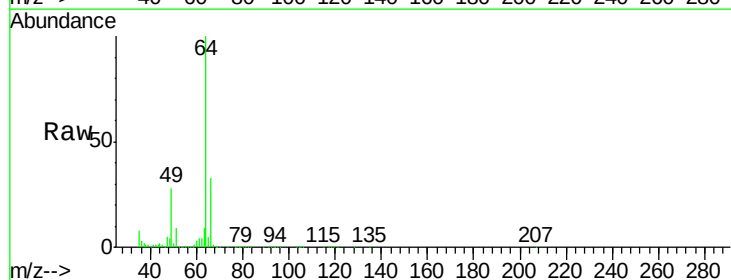
Acq: 19 Nov 2020 17:45

Tgt Ion: 64 Resp: 111986

Ion Ratio Lower Upper

64 100

66 32.6 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.68

100000

80000

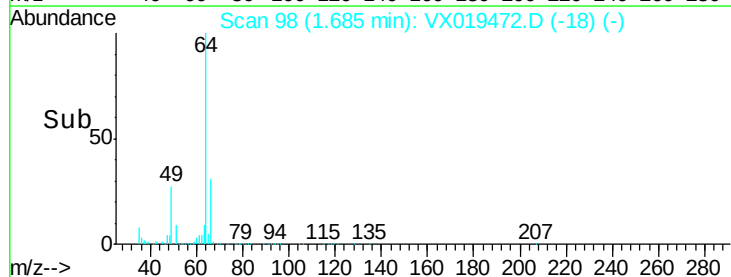
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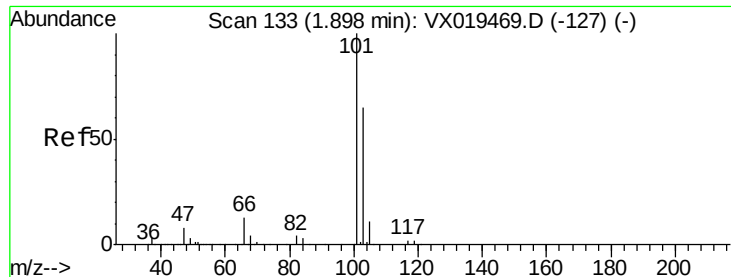
40000

20000

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Time-->





#7

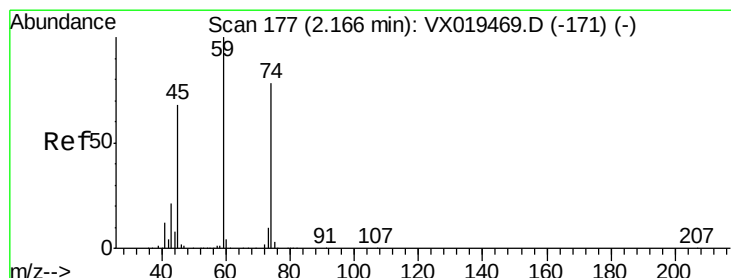
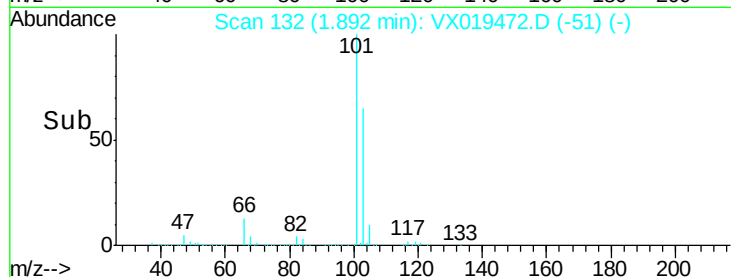
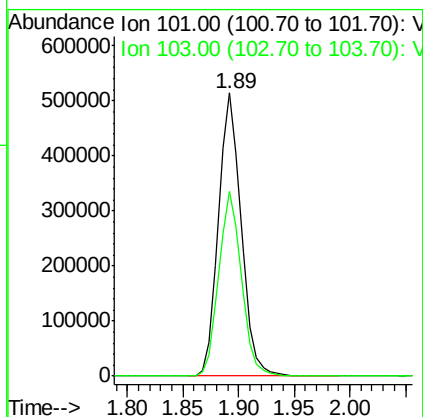
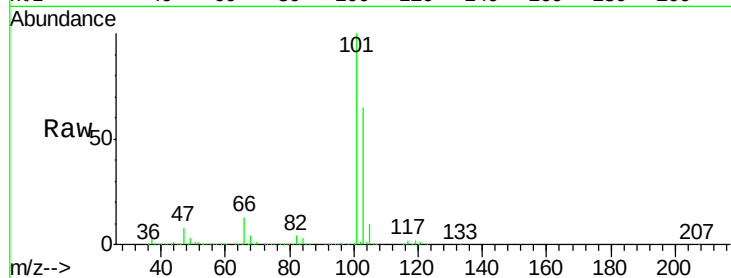
Trichlorofluoromethane
Concen: 140.097 ug/l
RT: 1.89 min Scan# 132
Delta R.T. -0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.8	77.6

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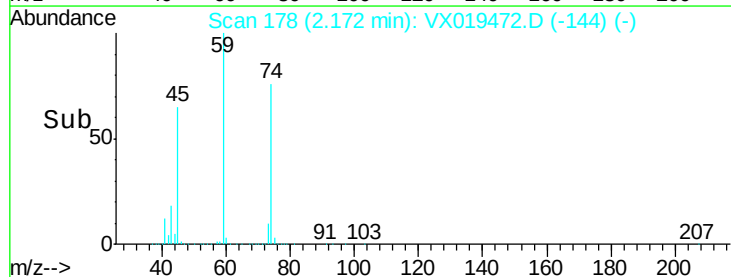
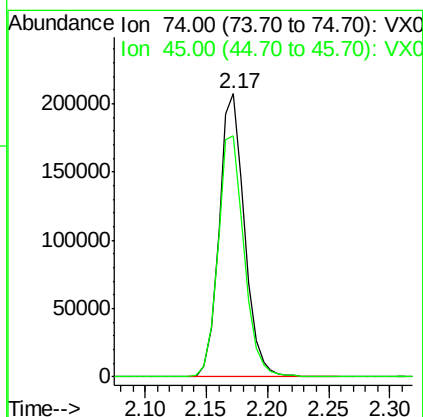
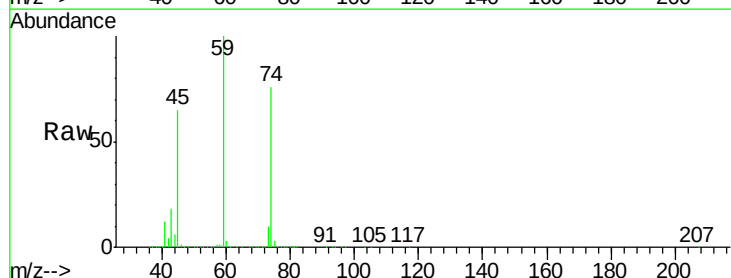
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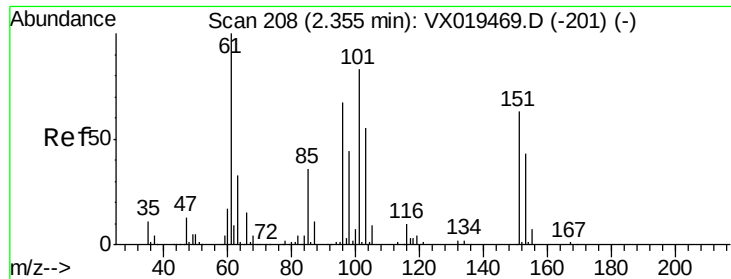


#8

Diethyl Ether
Concen: 151.236 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.8	17.2	155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 159.817 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

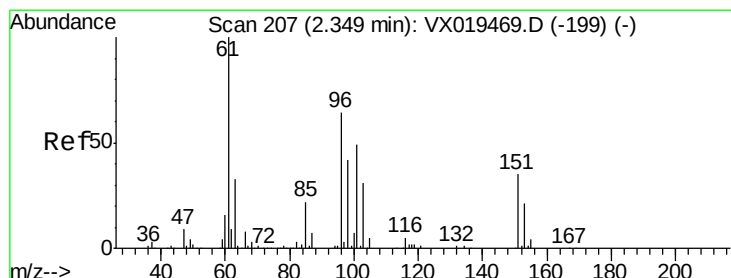
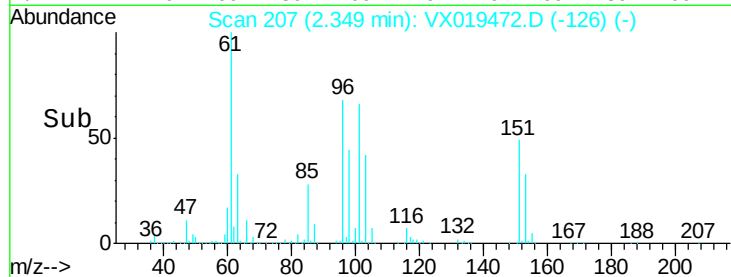
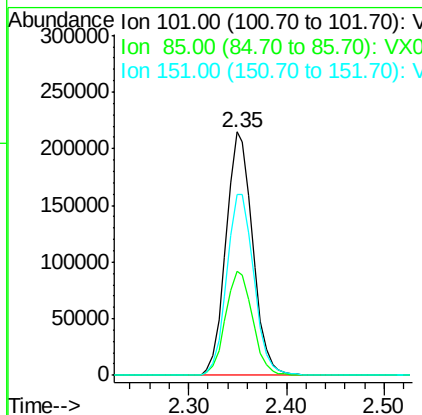
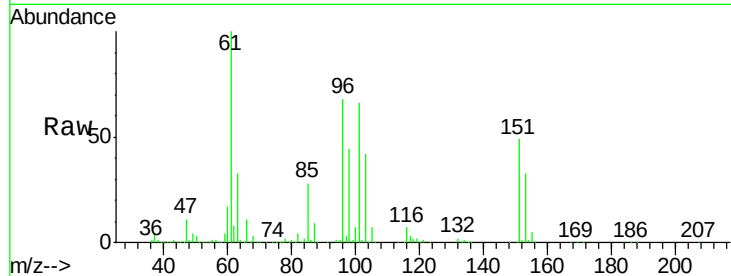
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	407793
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	88.8
151	75.7	0.0	153.0

Manual Integrations
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11/20/2020 12:25:09 PM



#10

1,1-Dichloroethene

Concen: 162.321 ug/l

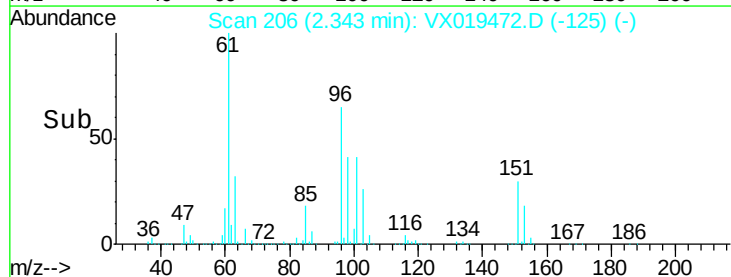
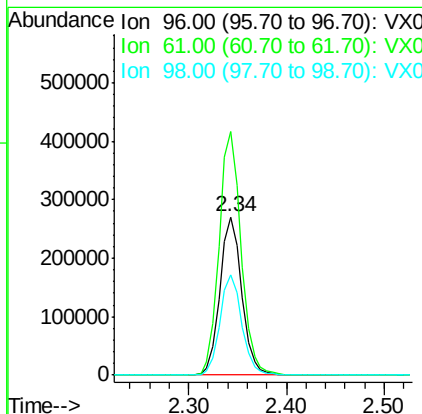
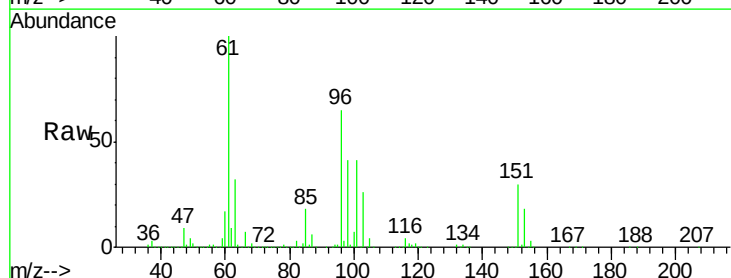
RT: 2.34 min Scan# 206

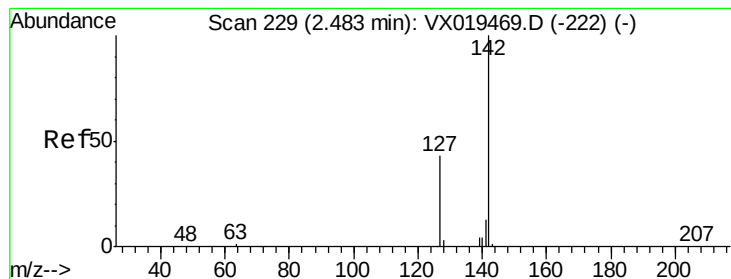
Delta R.T. -0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	96	Resp:	420654
Ion Ratio	Lower	Upper	
96	100		
61	154.1	125.4	188.2
98	63.5	52.4	78.6





#11

Methyl Iodide

Concen: 219.551 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

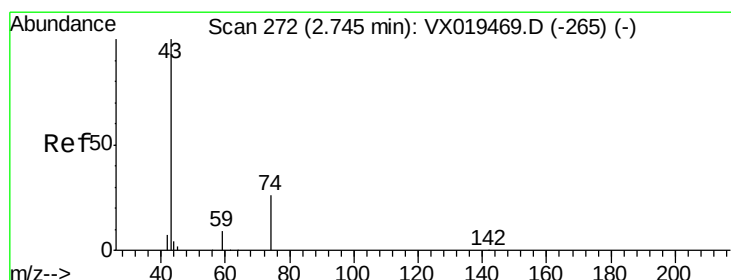
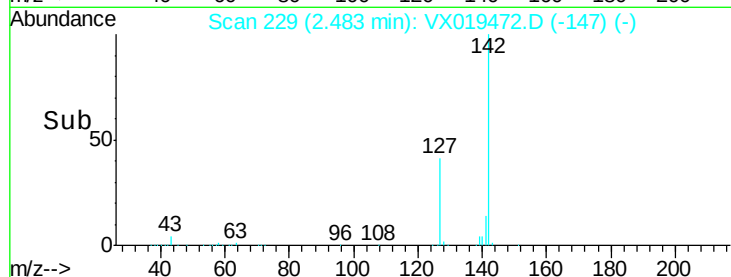
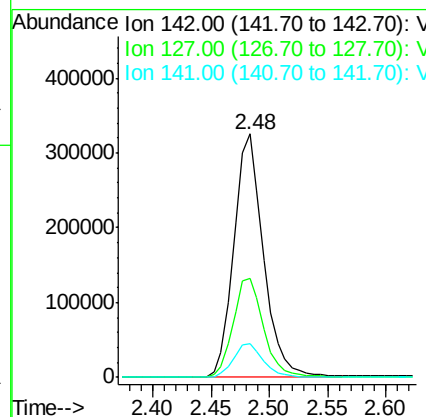
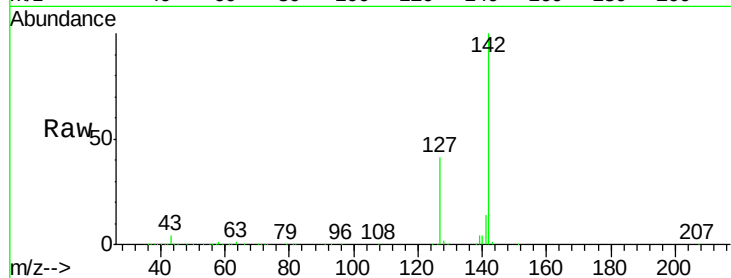
ClientSampleId :

VSTDIC150

Tot Ion:	142	Resp:	578610
Ion Ratio	Lower	Upper	
142	100		
127	40.6	21.3	64.0
141	13.9	6.7	20.0

Manual Integrations
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#12

Methyl Acetate

Concen: 189.607 ug/l

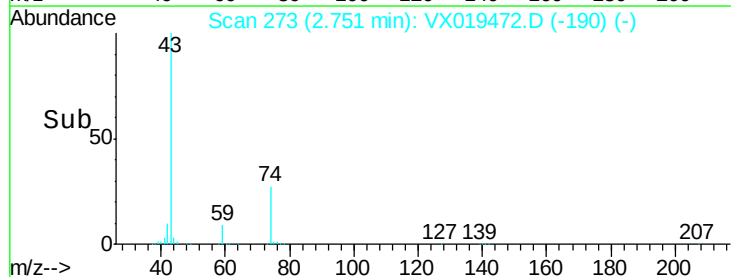
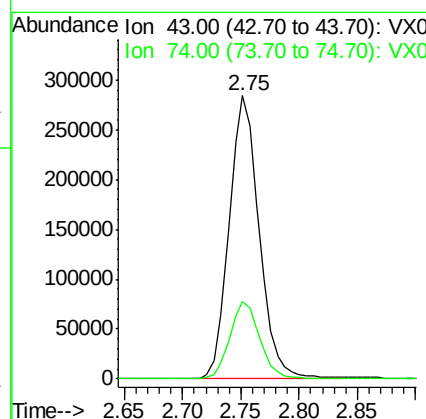
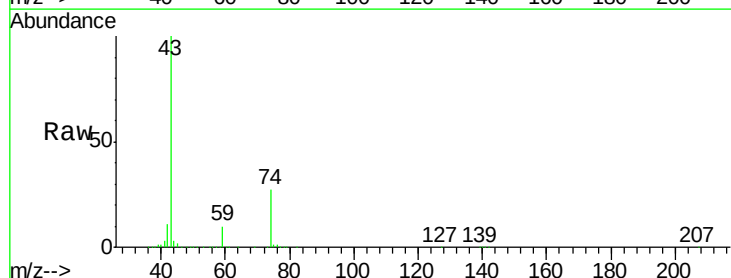
RT: 2.75 min Scan# 273

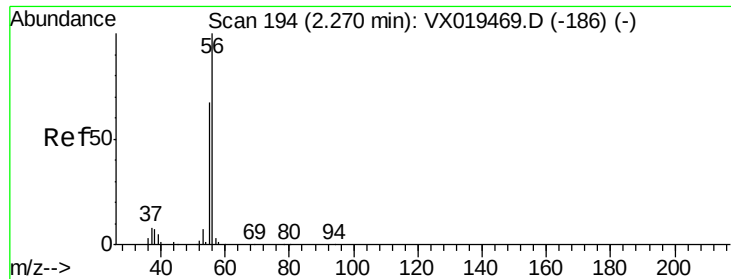
Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	43	Resp:	505986
Ion Ratio	Lower	Upper	
43	100		
74	27.2	20.7	31.1





#13

Acrolein

Concen: 1301.197 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 372773

Ion Ratio Lower Upper

56 100

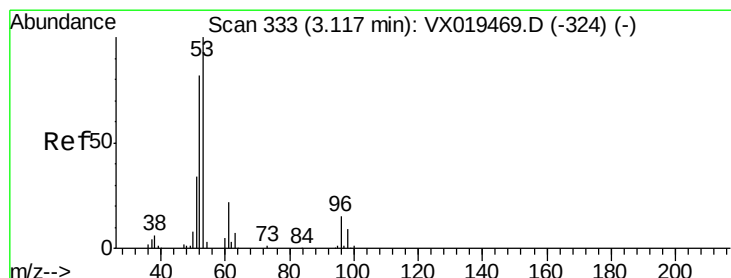
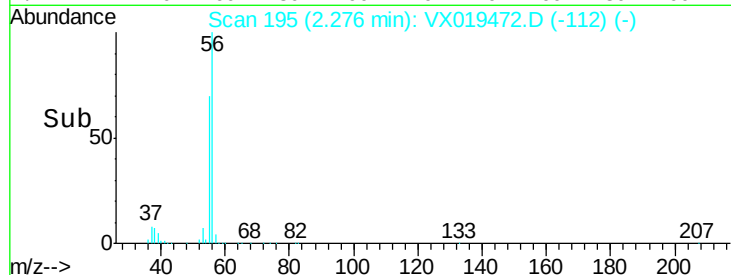
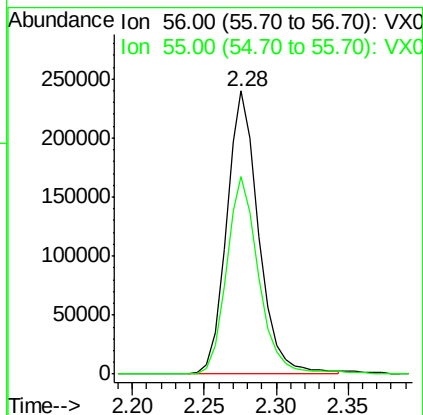
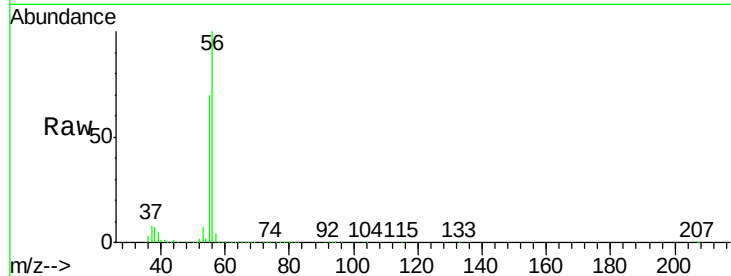
55 70.6 56.5 84.7

Manual Integrations

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#14

Acrylonitrile

Concen: 960.010 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

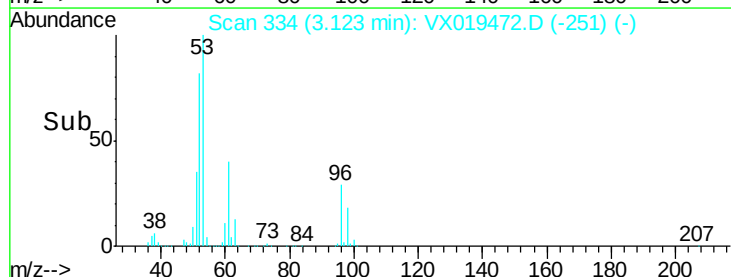
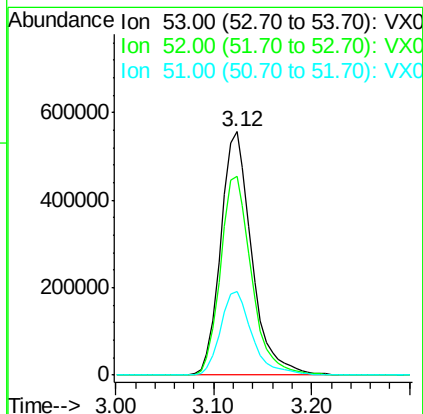
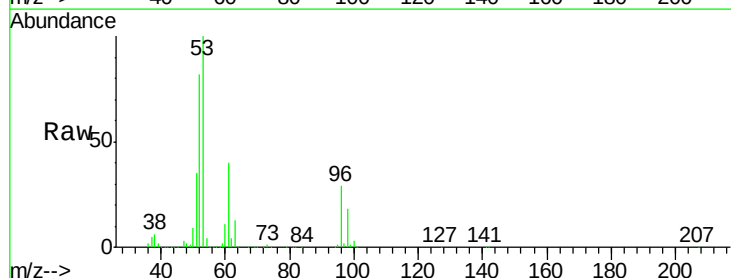
Tgt Ion: 53 Resp: 1216801

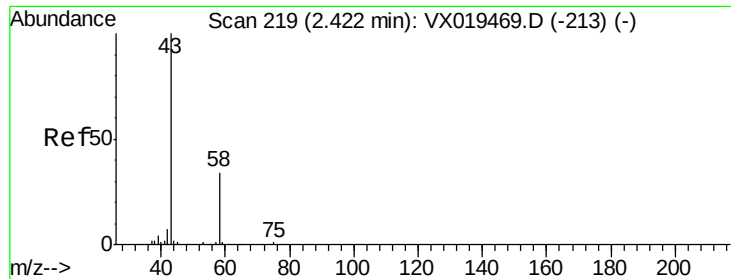
Ion Ratio Lower Upper

53 100

52 82.6 41.3 123.7

51 35.7 17.8 53.3





#15

Acetone

Concen: 940.415 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tot Ion: 58 Resp: 346528

Ion Ratio Lower Upper

58 100

43 291.9 236.3 354.5

Instrument :

MSVOA_X

ClientSampleId :

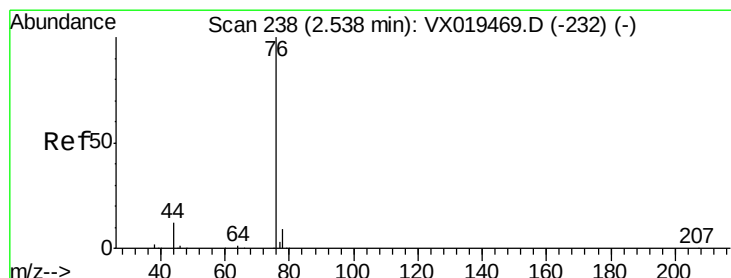
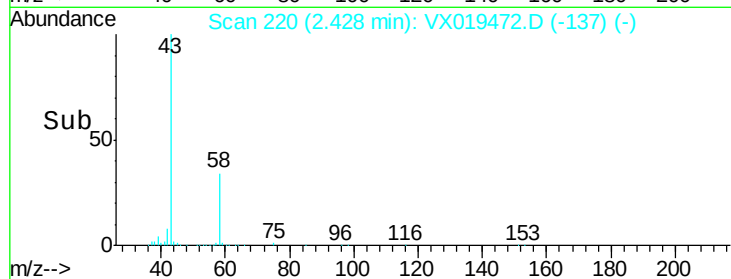
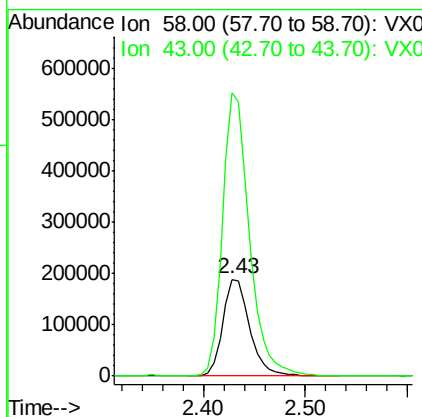
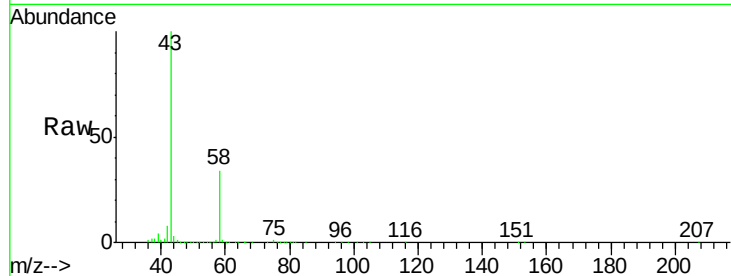
VSTDIC150

Manual Integrations

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#16

Carbon Disulfide

Concen: 165.486 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VX019472.D

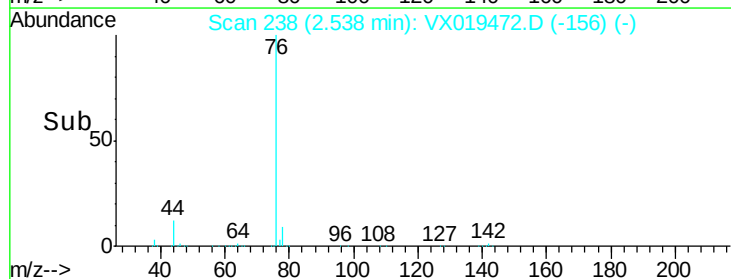
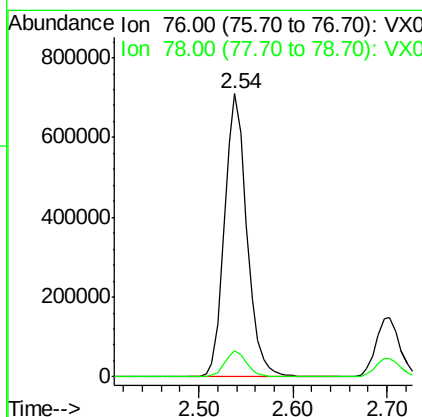
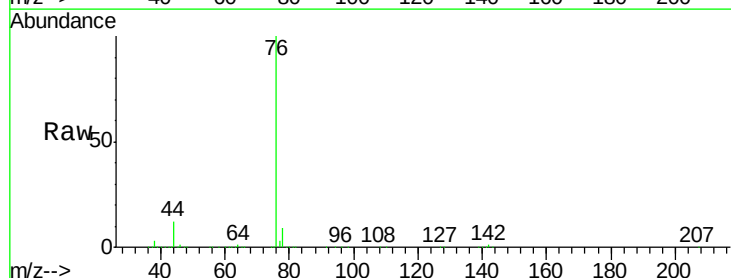
Acq: 19 Nov 2020 17:45

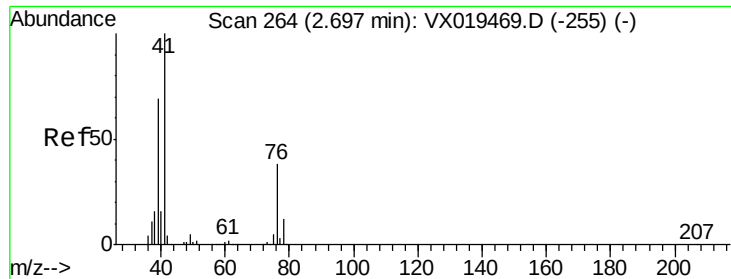
Tgt Ion: 76 Resp: 1170537

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6





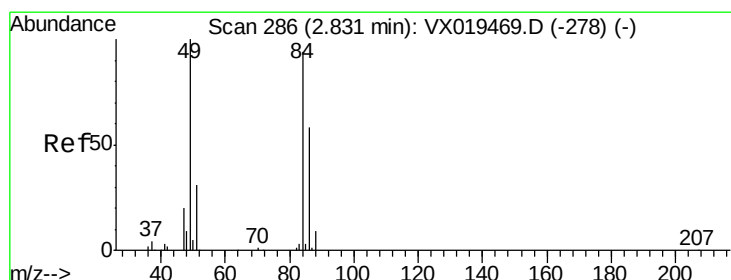
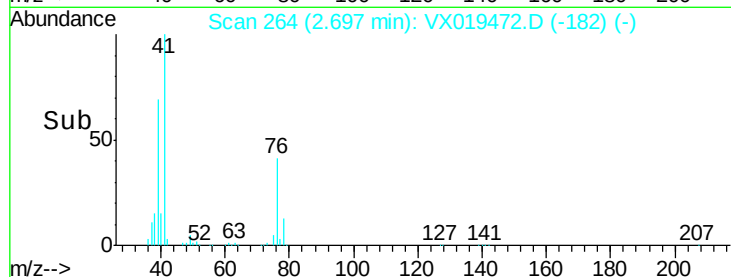
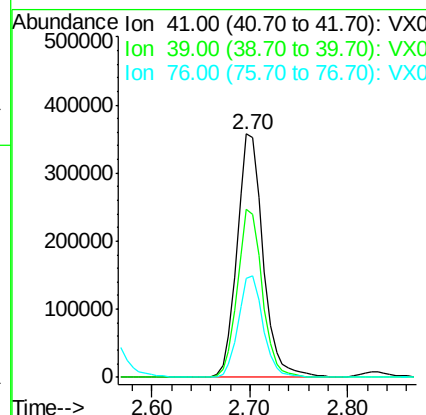
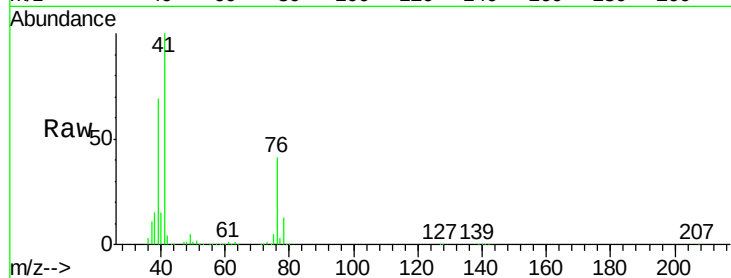
#17
Allvl chloride
Concen: 197.833 ug/l
RT: 2.70 min Scan# 264
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	68.9	34.5	103.6
76	40.6	19.3	57.8

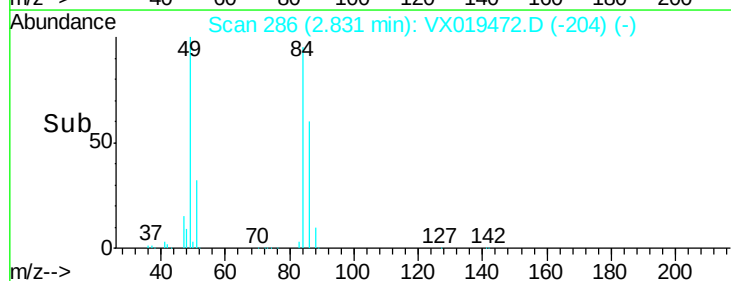
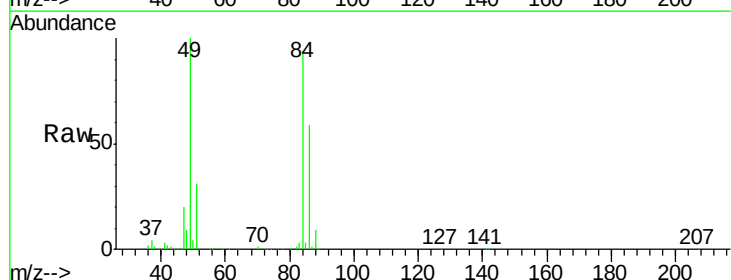
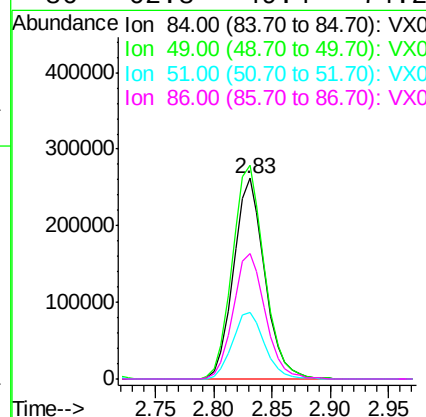
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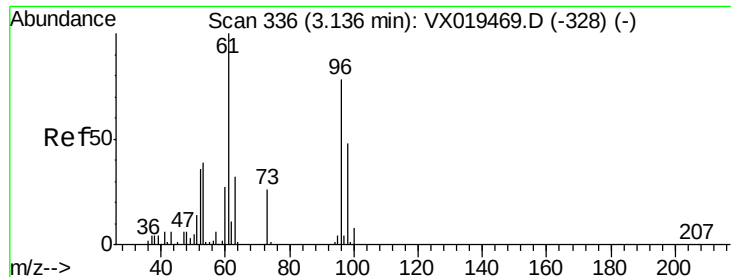
MMDadoda
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#18
Methylene Chloride
Concen: 163.715 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	106.5	85.4	128.0
51	32.9	26.7	40.1
86	62.8	49.4	74.2





#19

trans-1,2-Dichloroethene

Concen: 159.710 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

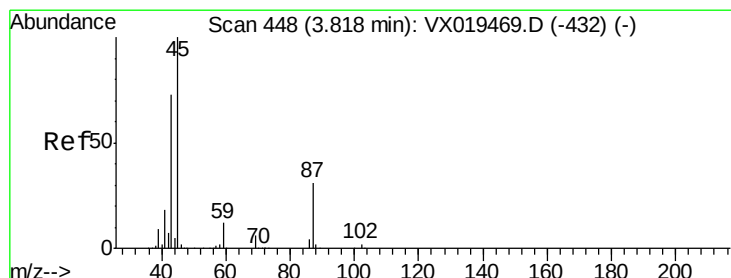
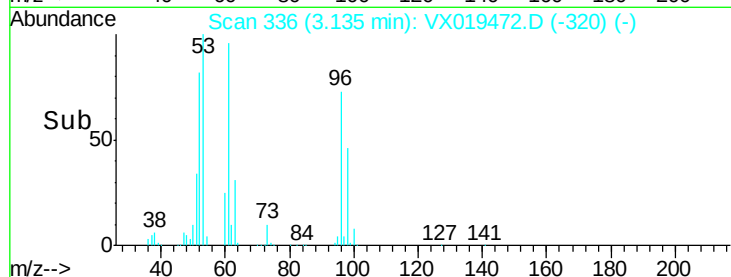
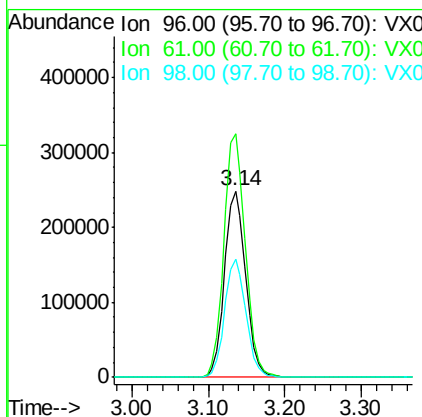
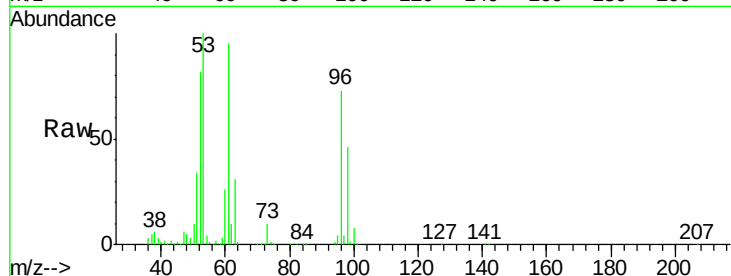
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	477094
Ion	Ratio	Lower	Upper
96	100		
61	130.6	103.2	154.8
98	63.1	49.2	73.8

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#20

Diisopropyl ether

Concen: 201.085 ug/l

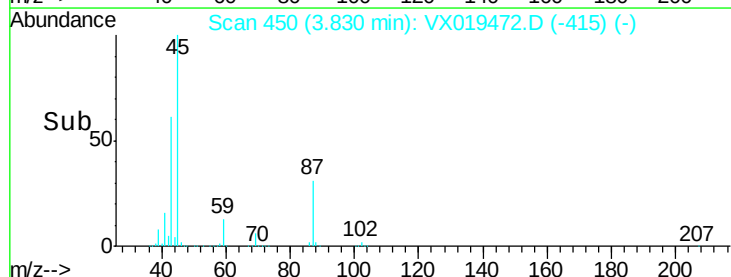
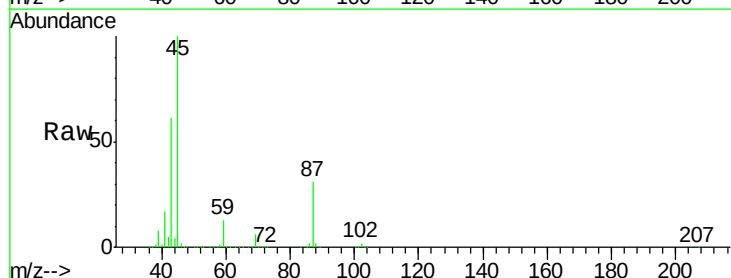
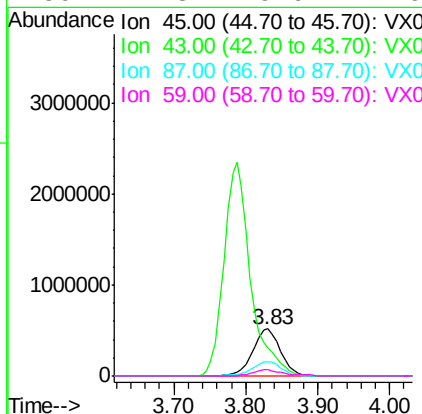
RT: 3.83 min Scan# 450

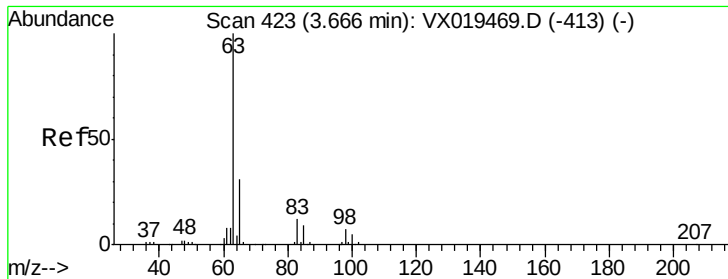
Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	45	Resp:	1389408
Ion	Ratio	Lower	Upper
45	100		
43	61.4	58.7	88.1
87	31.2	24.5	36.7
59	12.8	9.9	14.9





#21

1,1-Dichloroethane

Concen: 170.310 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

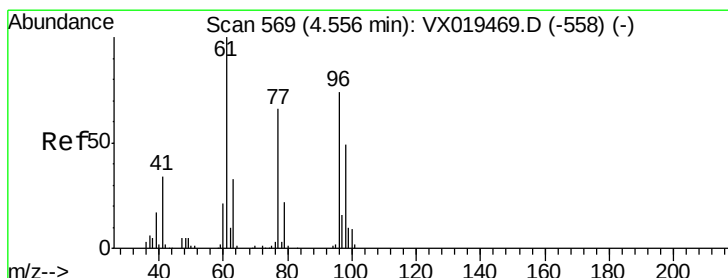
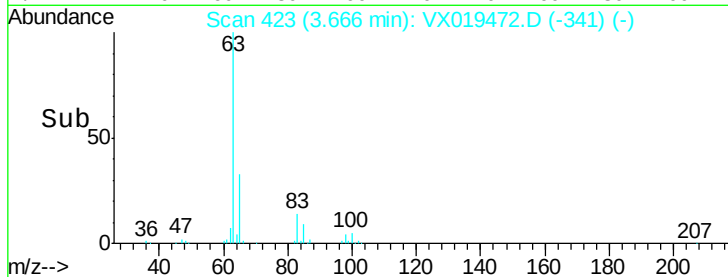
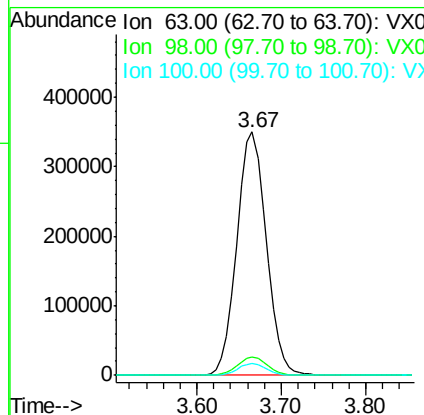
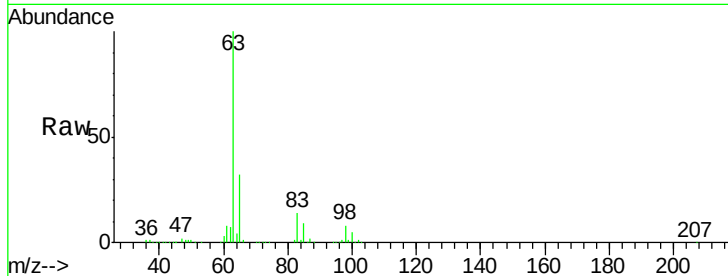
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	827564
Ion Ratio	Lower	Upper	
63	100		
98	7.8	3.8	11.2
100	5.1	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 159.033 ug/l

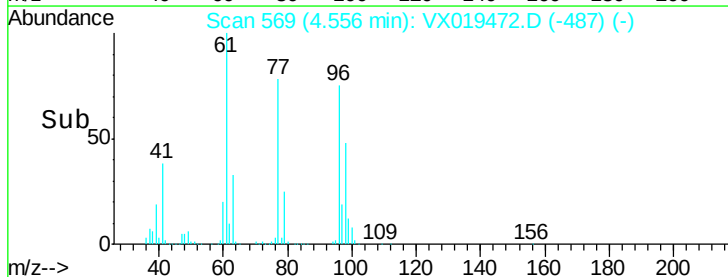
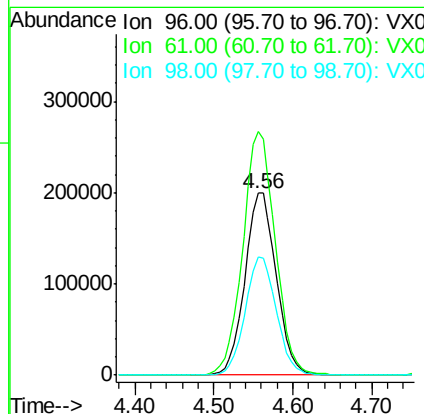
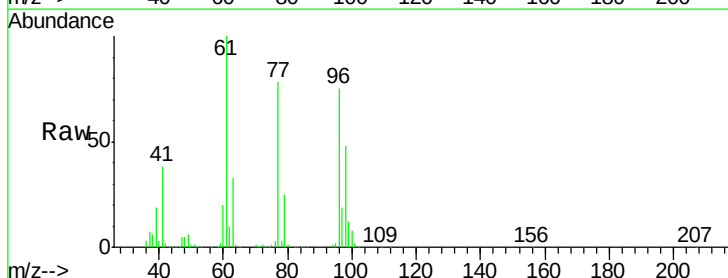
RT: 4.56 min Scan# 569

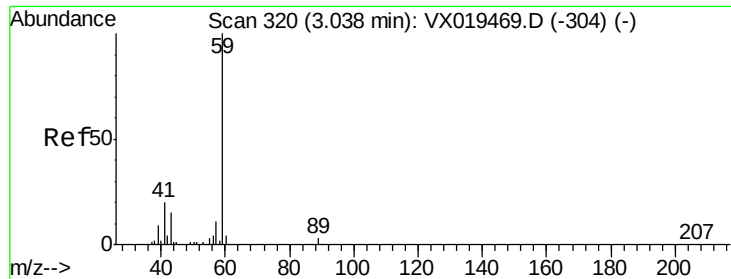
Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	96	Resp:	550581
Ion Ratio	Lower	Upper	
96	100		
61	138.5	114.2	171.2
98	64.7	51.7	77.5





#23

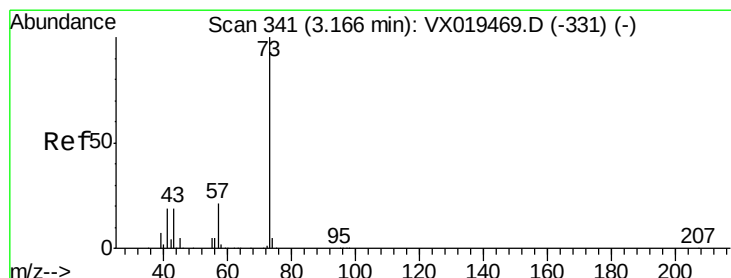
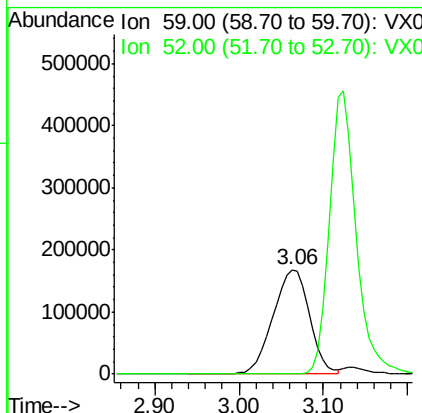
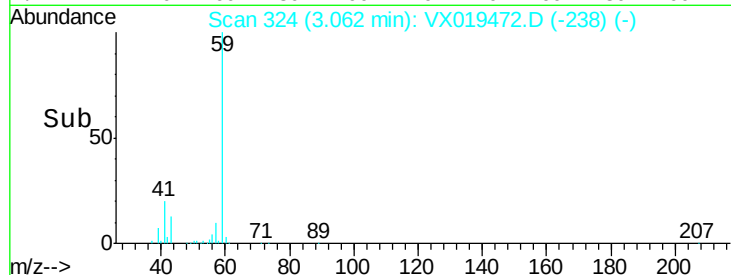
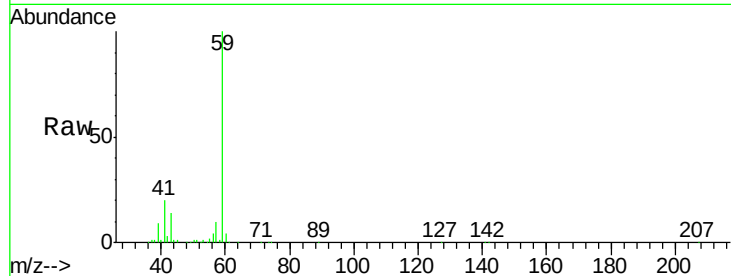
tert-Butyl Alcohol
 Concen: 830.426 ug/l
 RT: 3.06 min Scan# 324
 Delta R.T. 0.02 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
59	100	507349		
52	0.1	0.2	0.2	0.2#

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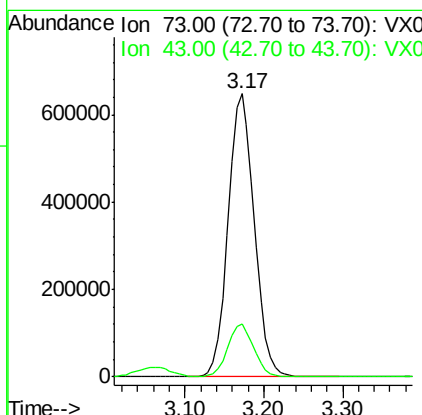
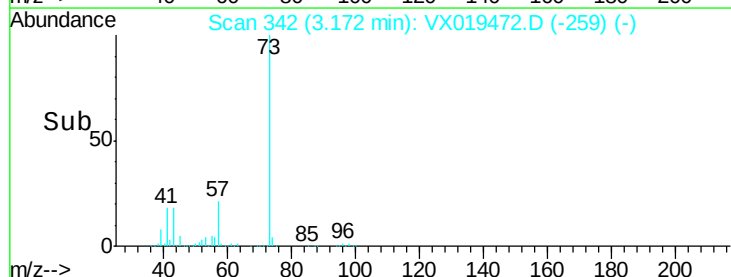
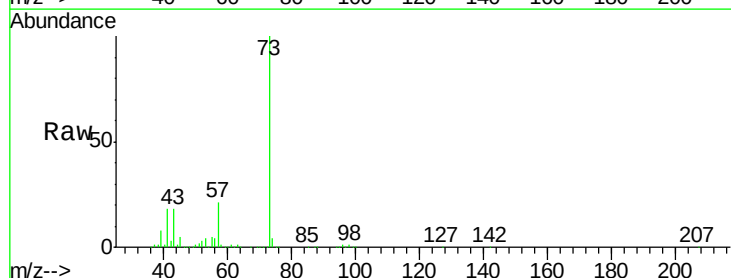
MMDadoda
 11/20/2020 12:25:09 PM

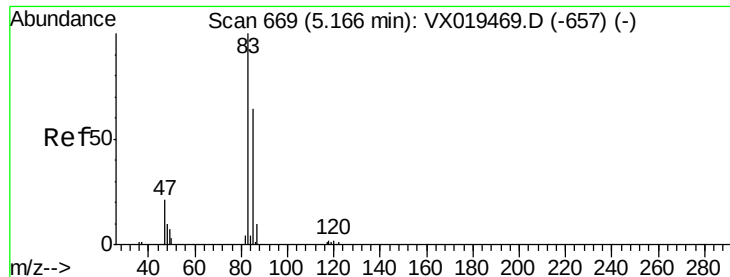


#24

Methyl tert-Butyl Ether
 Concen: 179.377 ug/l
 RT: 3.17 min Scan# 342
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
73	100	1490165		
43	18.5	15.0	22.6	





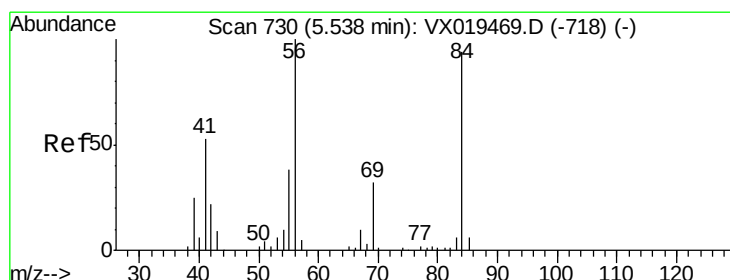
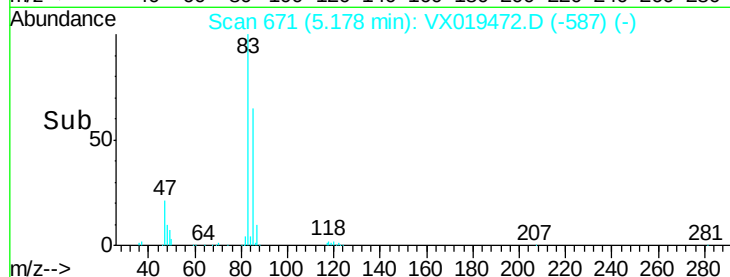
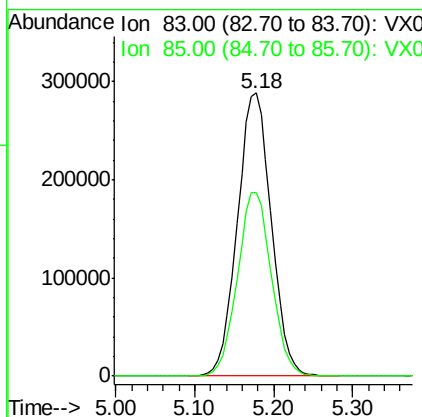
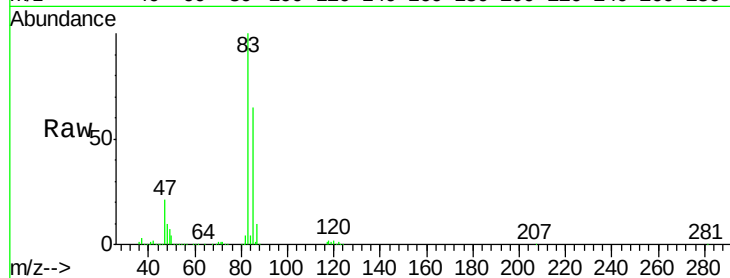
#25
Chloroform
Concen: 161.630 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 862309
Ion Ratio Lower Upper
83 100
85 64.9 51.4 77.0

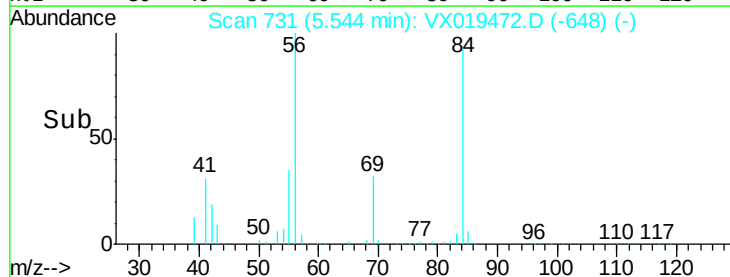
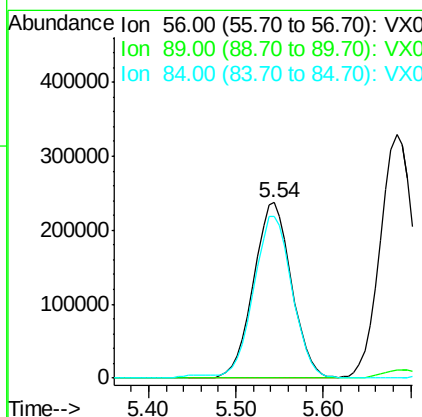
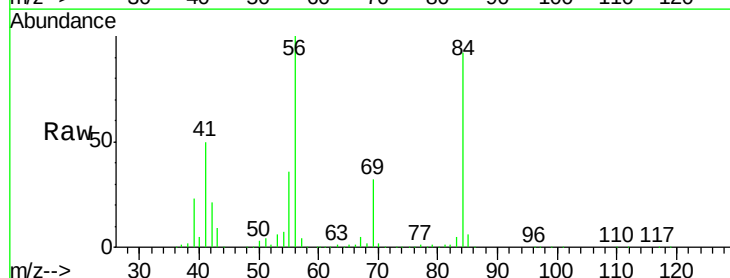
Manual Integrations
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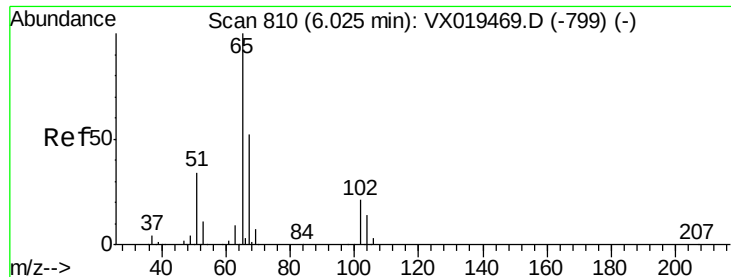
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#26
Cyclohexane
Concen: 186.842 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 56 Resp: 719428
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 93.3 75.2 112.8





#27

1,2-Dichloroethane-d4

Concen: 32.229 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tot Ion: 65 Resp: 107252

Ion Ratio Lower Upper

65 100

67 52.9 42.2 63.2

Instrument :

MSVOA_X

ClientSampleId :

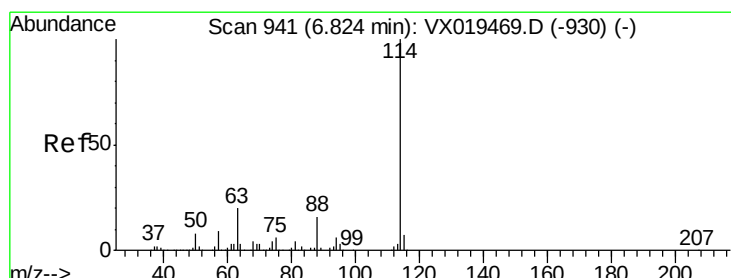
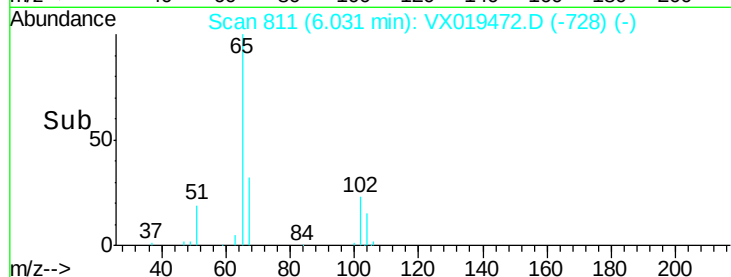
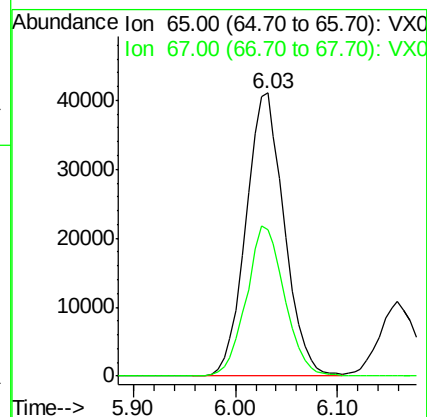
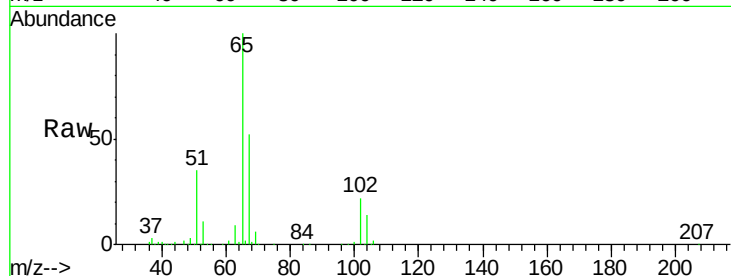
VSTDIC150

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: VX019472.D

Acq: 19 Nov 2020 17:45

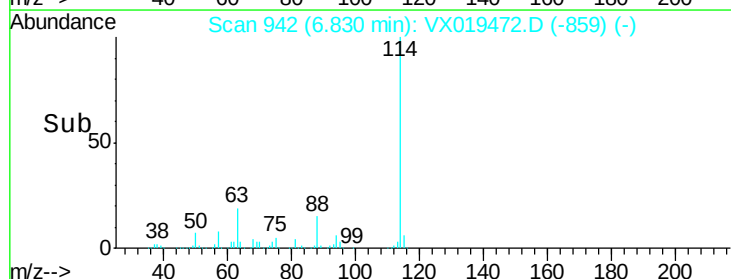
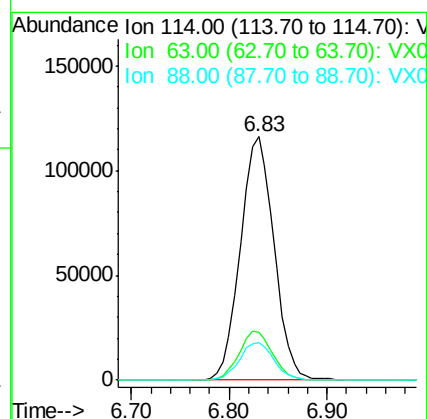
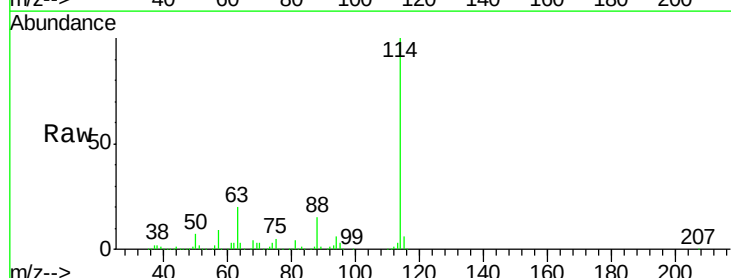
Tgt Ion: 114 Resp: 277684

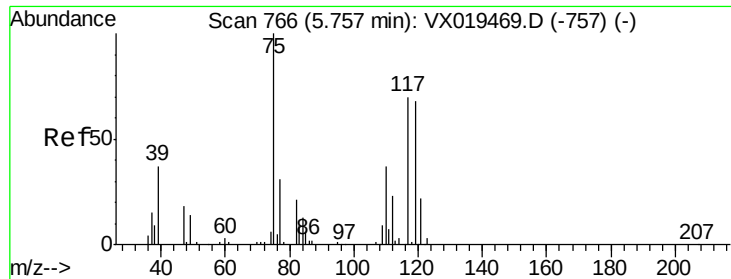
Ion Ratio Lower Upper

114 100

63 20.1 16.2 24.2

88 15.8 12.9 19.3





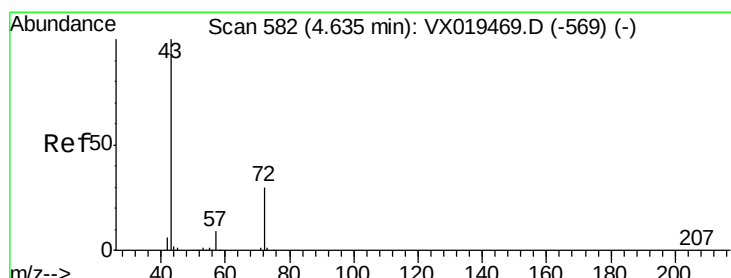
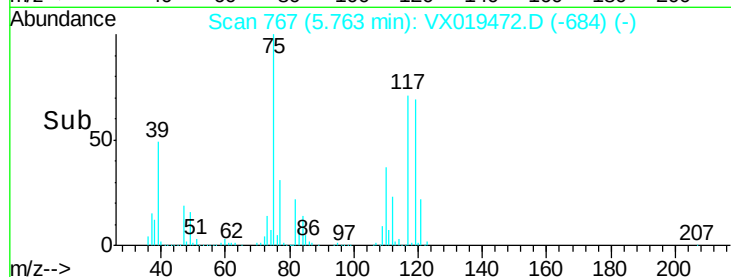
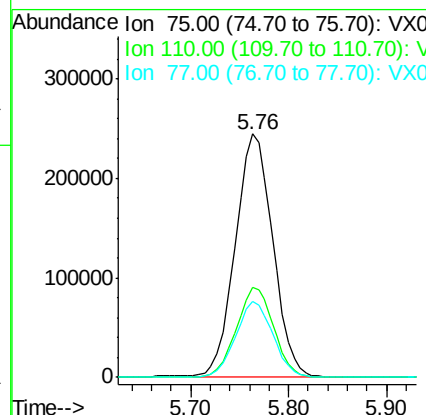
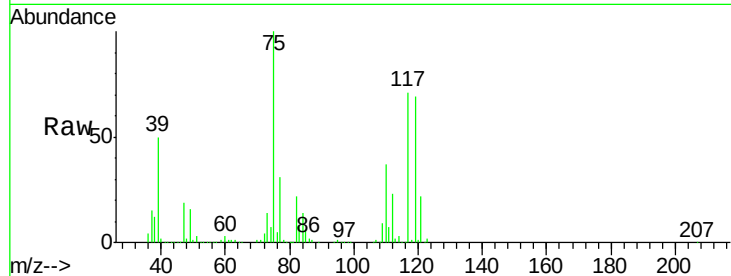
#29
 1,1-Dichloropropene
 Concen: 159.718 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	74.0
77	31.0	0.0	63.6

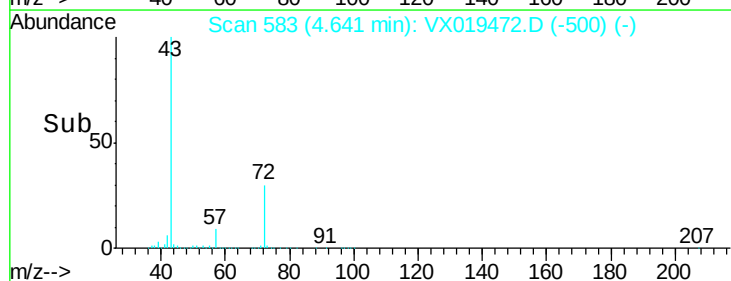
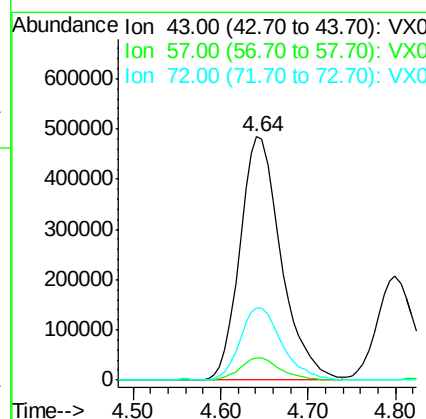
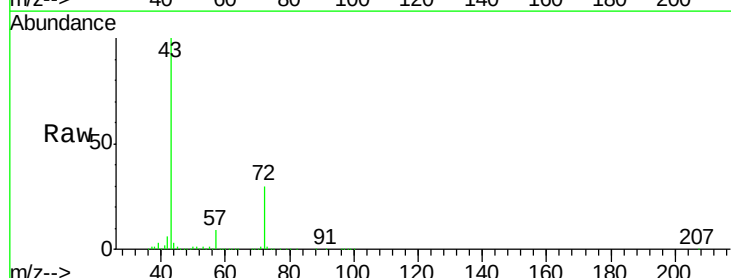
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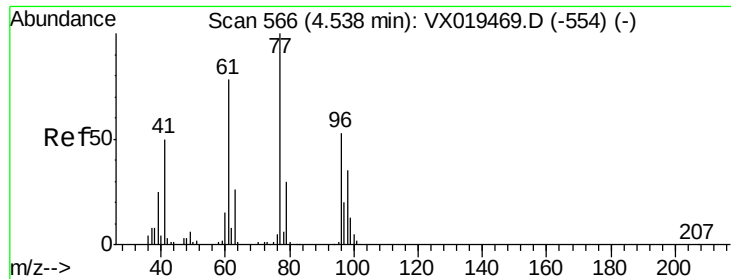
MMDadoda
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#30
 2-Butanone
 Concen: 913.408 ug/l
 RT: 4.64 min Scan# 583
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.0	7.4	11.0
72	30.5	24.2	36.2





#31

2,2-Dichloropropane

Concen: 157.279 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 731988

Ion Ratio Lower Upper

77 100

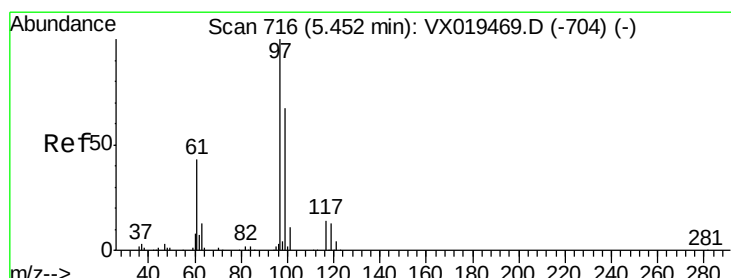
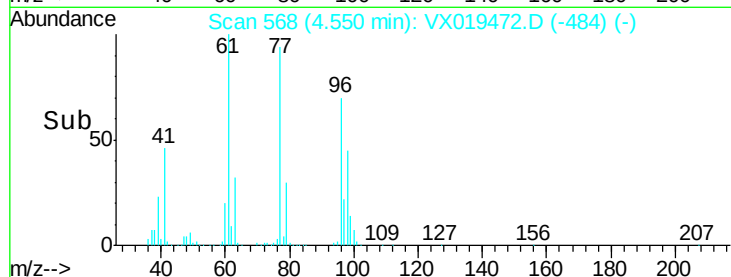
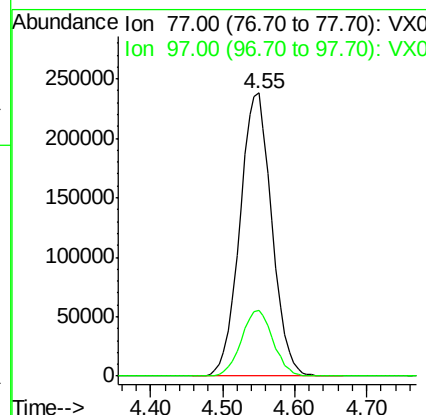
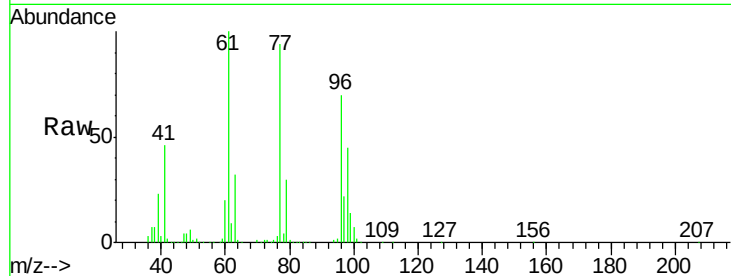
97 23.2 18.6 27.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 155.609 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

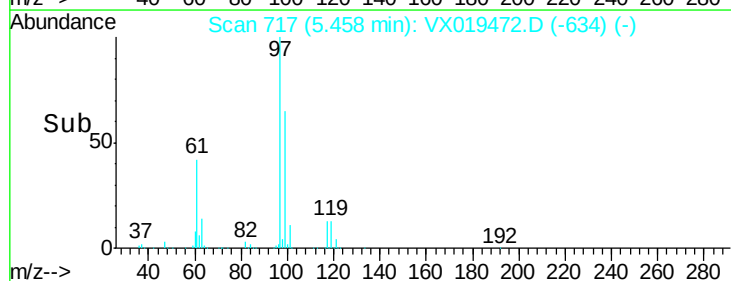
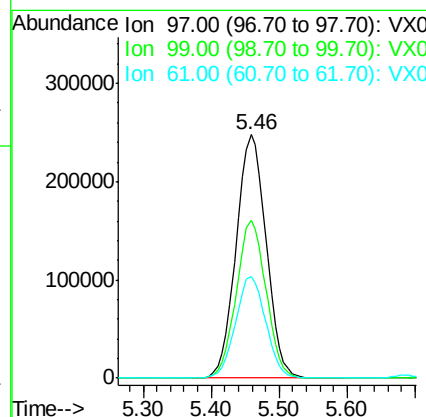
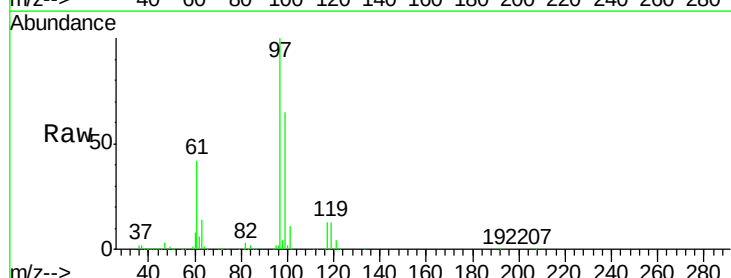
Tgt Ion: 97 Resp: 759325

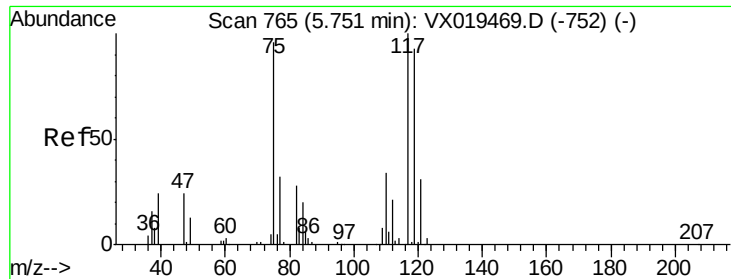
Ion Ratio Lower Upper

97 100

99 64.3 52.3 78.5

61 42.1 34.9 52.3





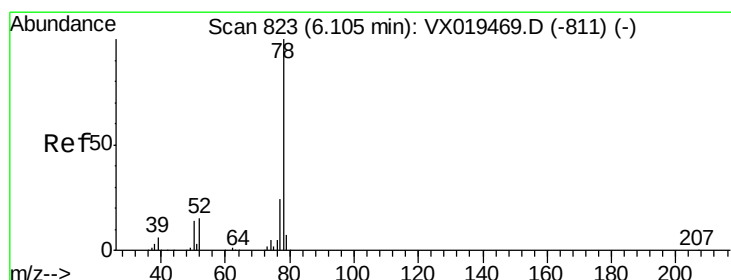
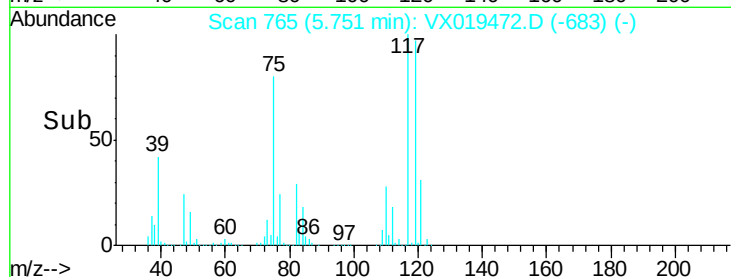
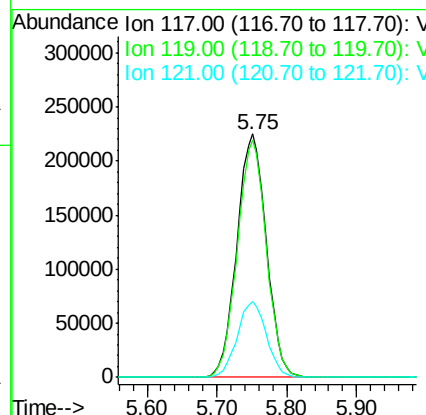
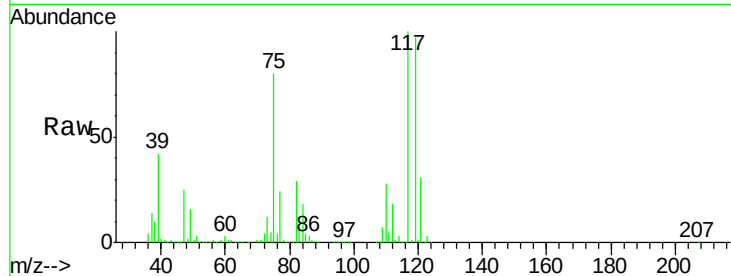
#33
Carbon Tetrachloride
Concen: 155.432 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.3	74.2	111.4
121	31.1	25.0	37.4

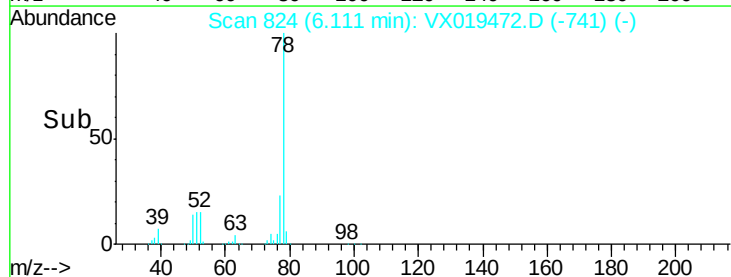
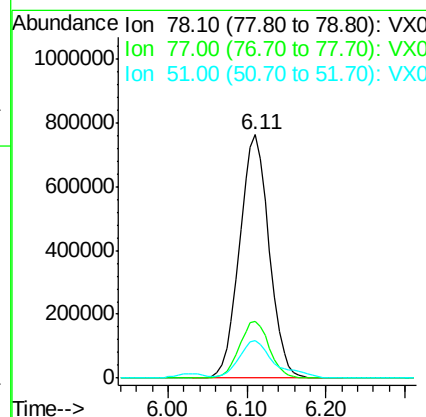
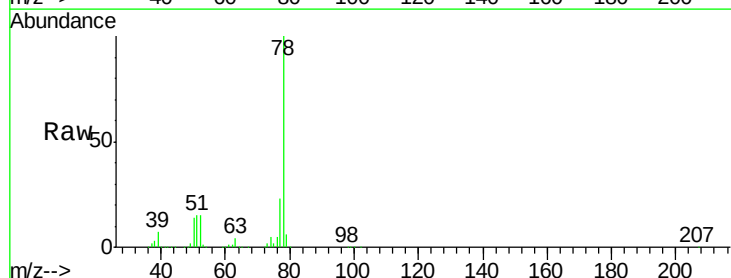
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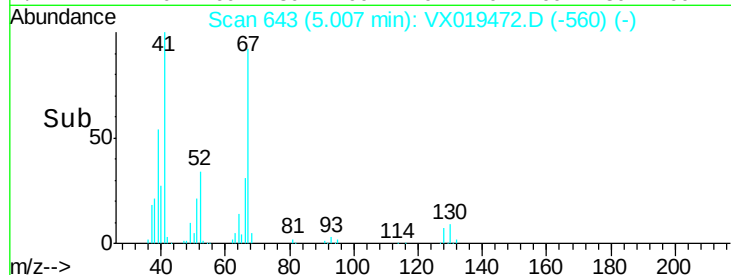
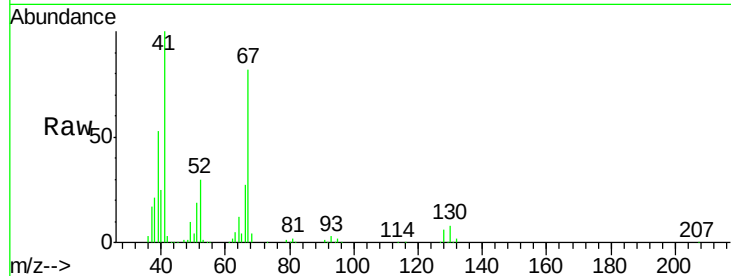
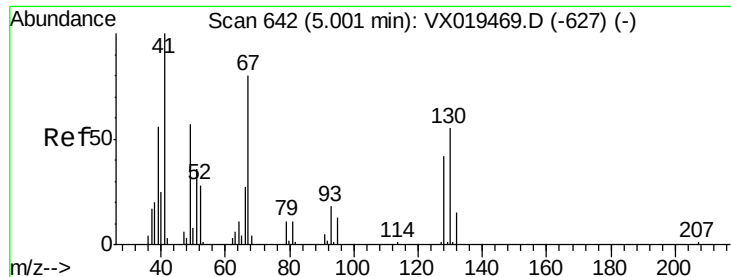
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#34
Benzene
Concen: 162.751 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

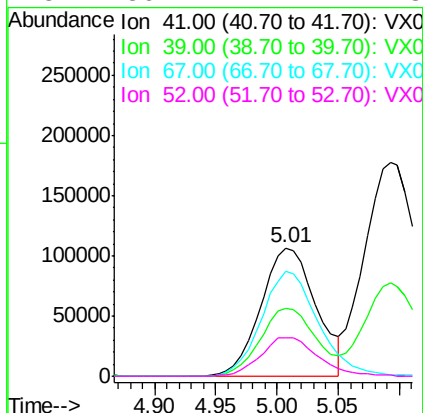
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.6
51	15.2	12.7	19.1





#35
Methacrylonitrile
Concen: 183.860 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

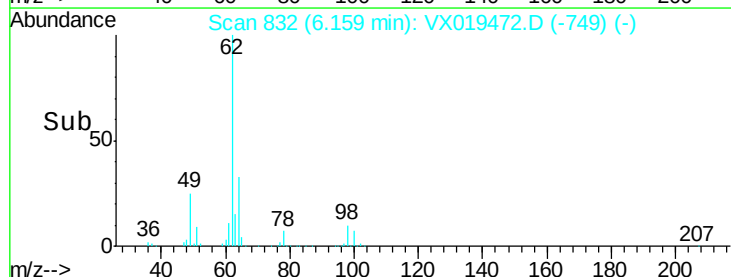
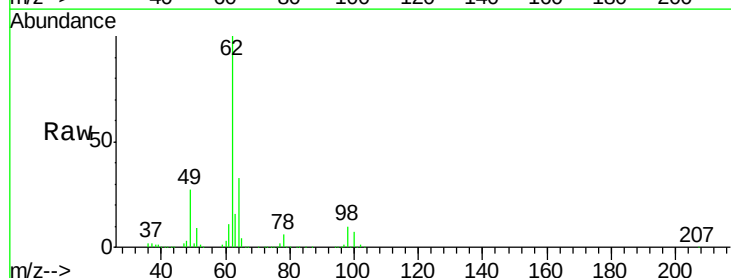
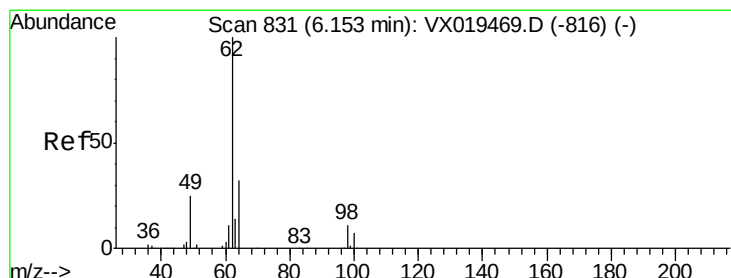
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		334898		
39	53.3	28.0	84.0		
67	82.2	40.0	119.9		
52	30.2	14.2	42.8		



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

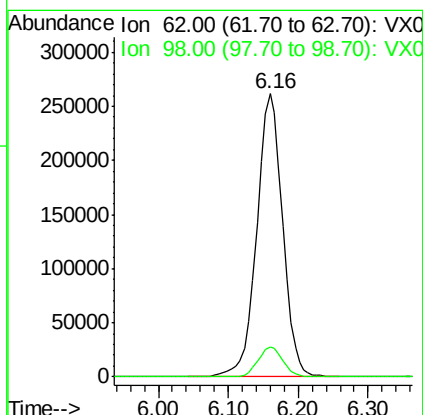
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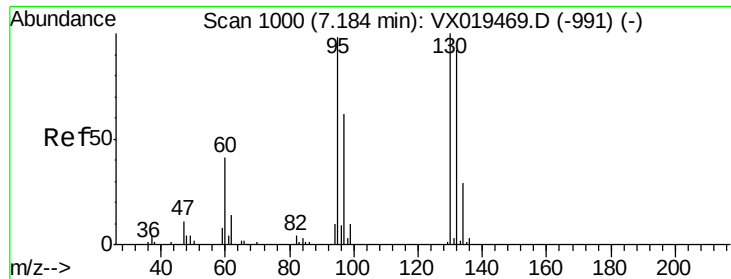
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#36
1,2-Dichloroethane
Concen: 160.334 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		671738		
98	10.2	8.1	12.1		





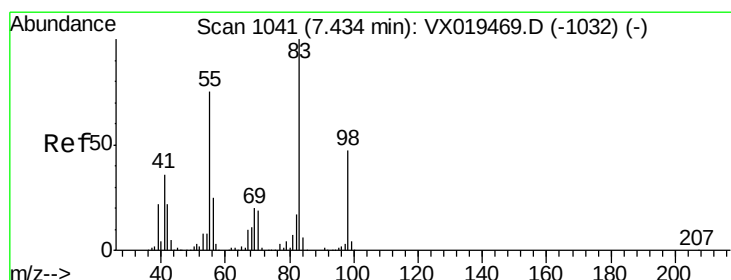
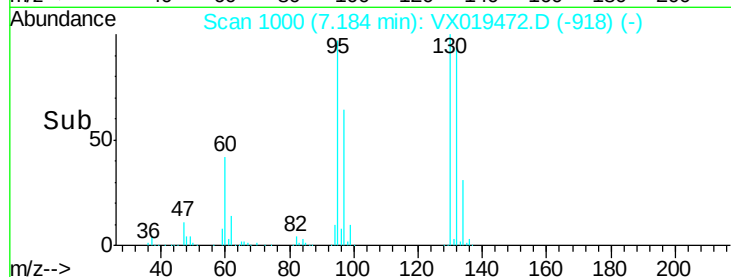
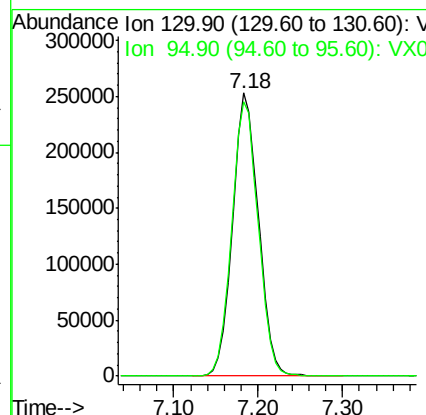
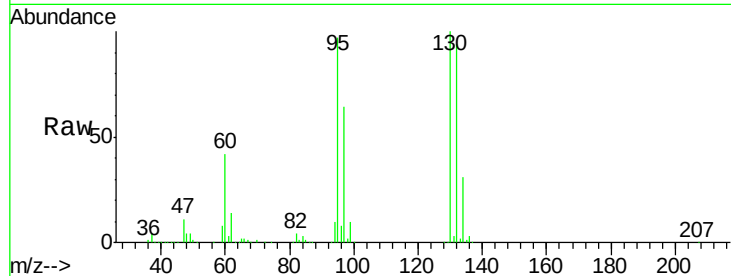
#37
 Trichloroethene
 Concen: 153.407 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
130	100	528812		
95	96.9	78.8	118.2	

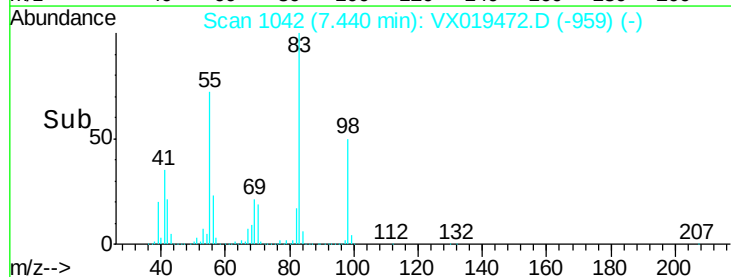
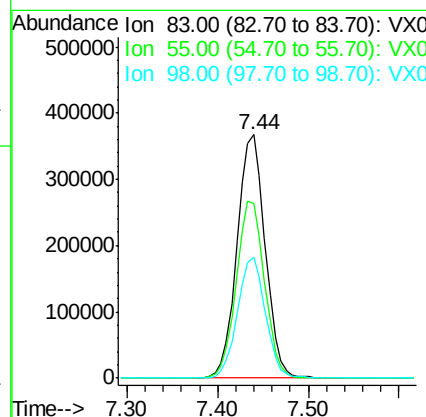
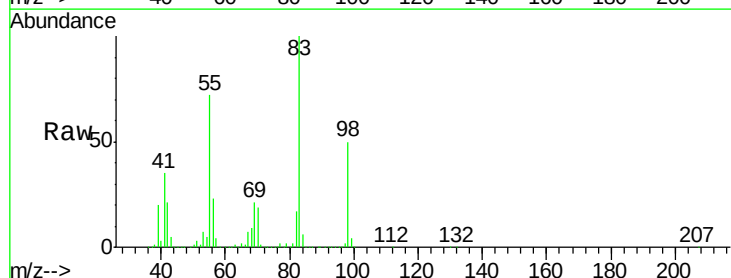
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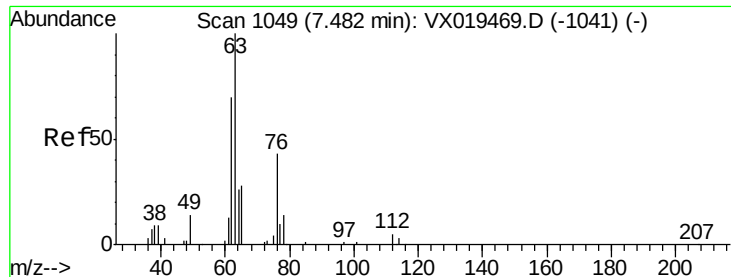
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#38
 Methylcyclohexane
 Concen: 171.653 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	796047		
55	73.3	37.7	113.1	
98	49.4	24.7	74.1	





#39

1,2-Dichloropropane

Concen: 171.524 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 63 Resp: 494281

Ion Ratio Lower Upper

63 100

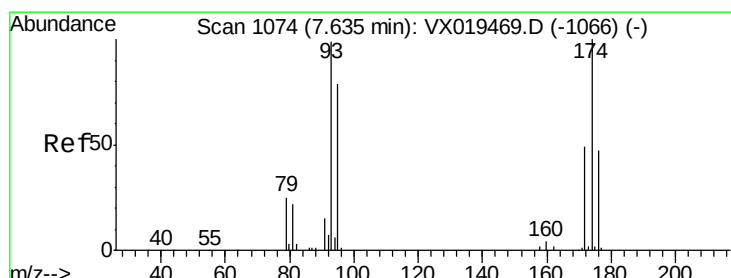
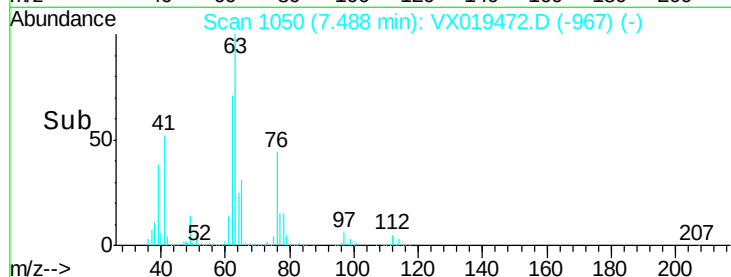
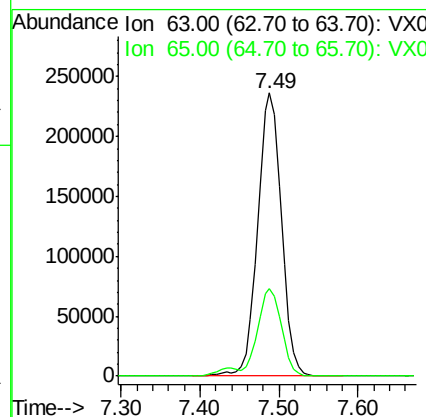
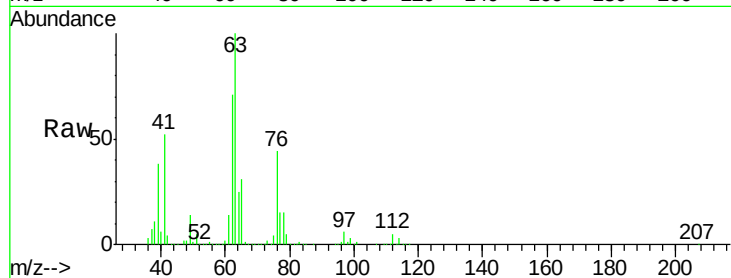
65 30.9 24.8 37.2

Manual Integrations

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#40

Dibromomethane

Concen: 155.528 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

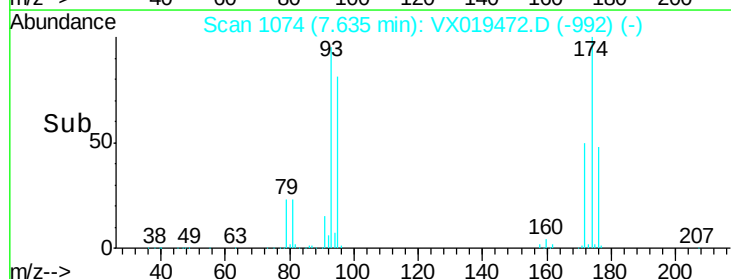
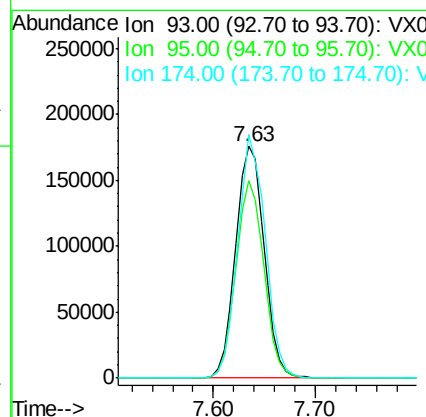
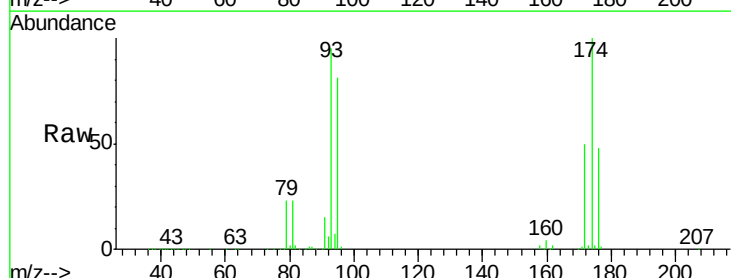
Tgt Ion: 93 Resp: 340146

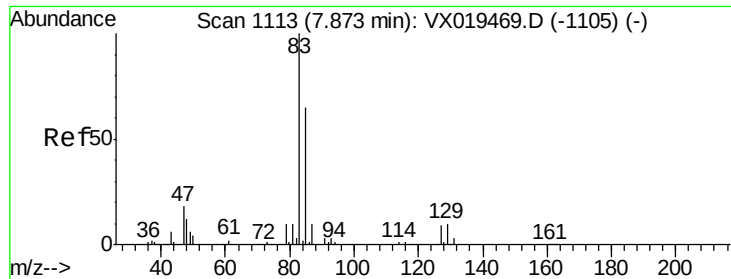
Ion Ratio Lower Upper

93 100

95 83.4 0.0 162.4

174 101.5 0.0 198.8





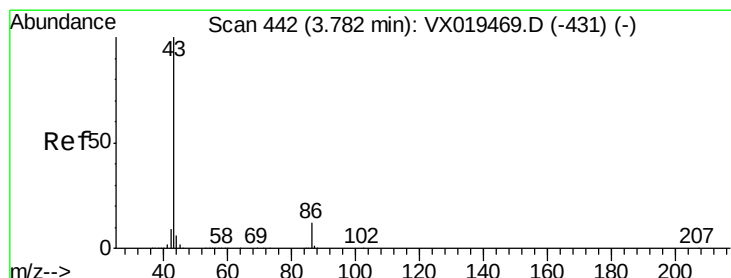
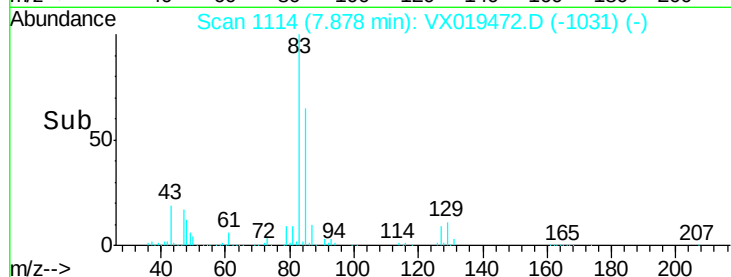
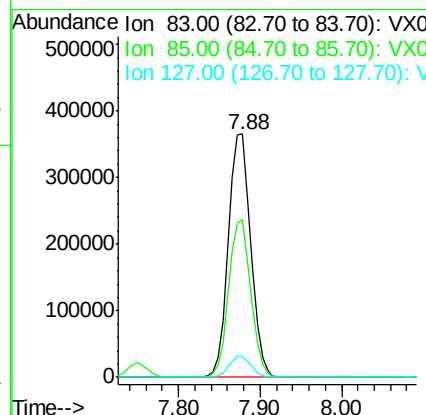
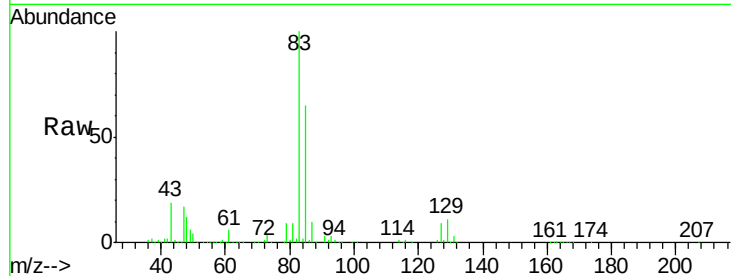
#41
Bromodichloromethane
Concen: 161.177 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.7	77.5
127	8.6	7.0	10.6

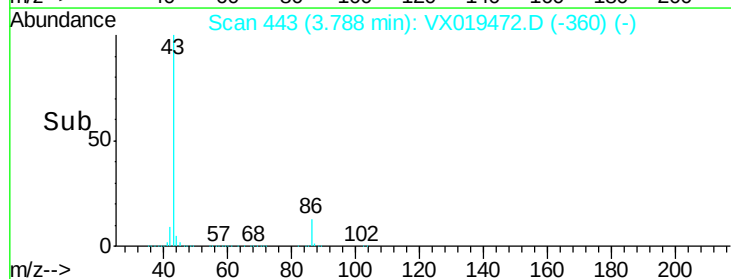
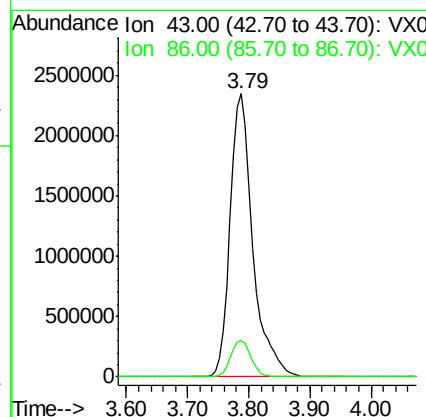
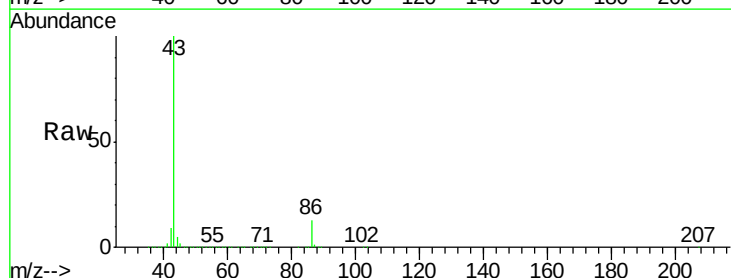
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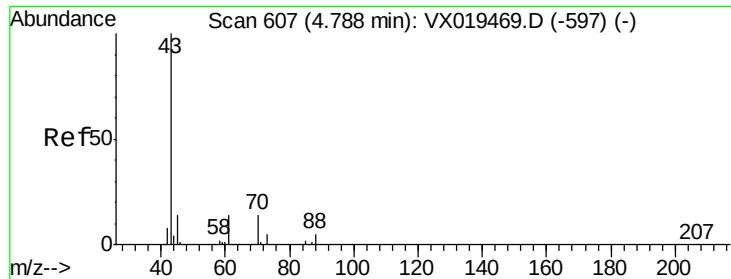
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#42
Vinyl Acetate
Concen: 925.413 ug/l
RT: 3.79 min Scan# 443
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
43	100		
86	11.6	8.8	13.2





#43

Ethyl Acetate

Concen: 178.529 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 628487

Ion Ratio Lower Upper

43 100

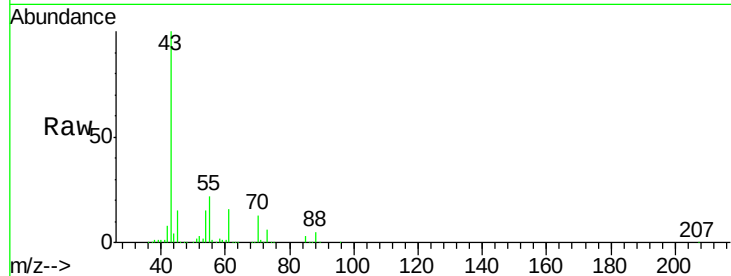
45 14.9 12.9 19.3

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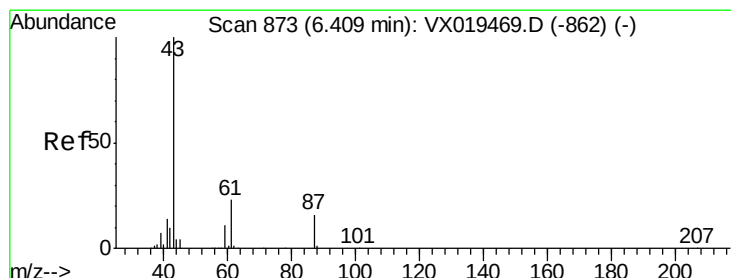
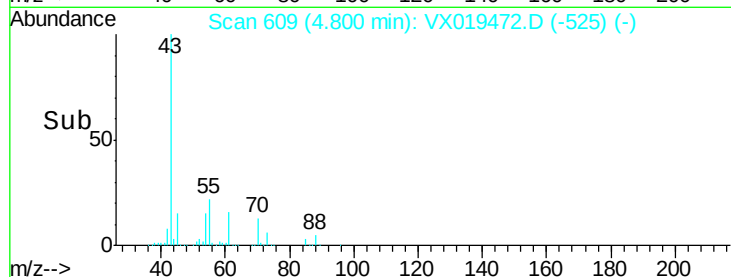
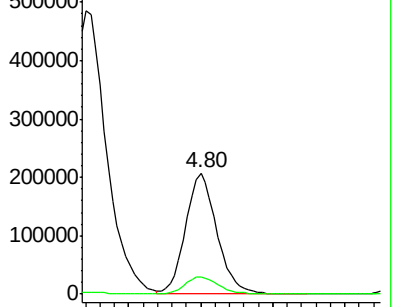
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 175.018 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019472.D

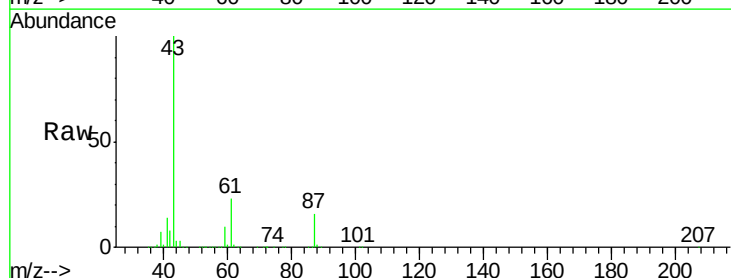
Acq: 19 Nov 2020 17:45

Tgt Ion: 43 Resp: 1026420

Ion Ratio Lower Upper

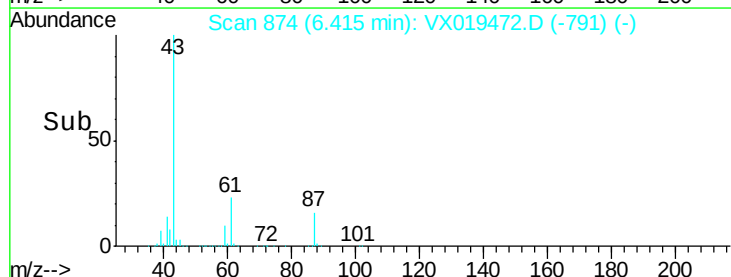
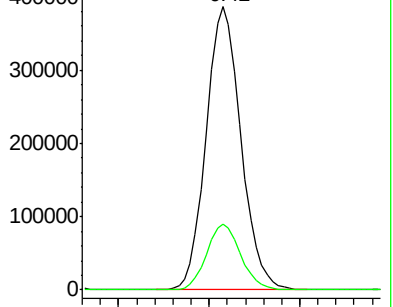
43 100

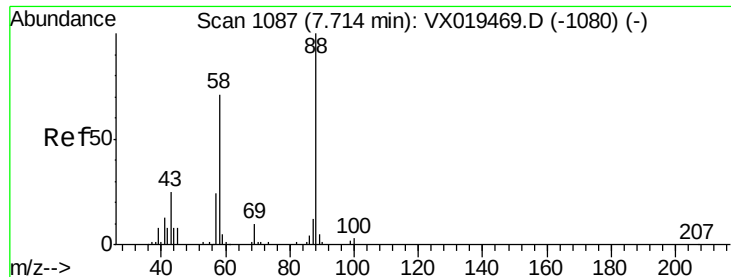
61 23.1 18.1 27.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





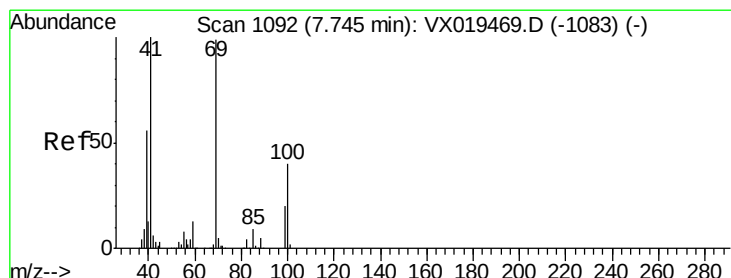
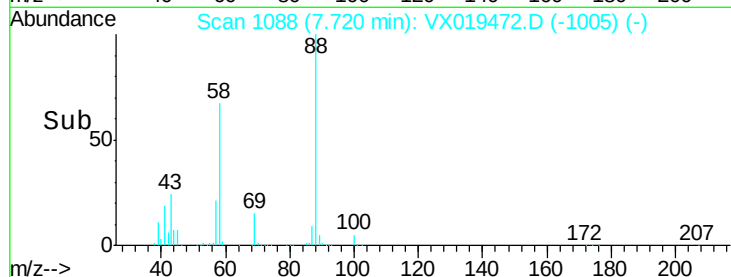
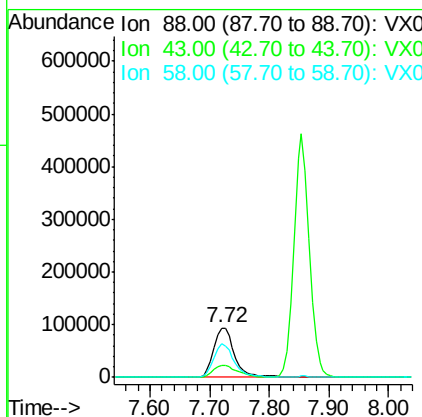
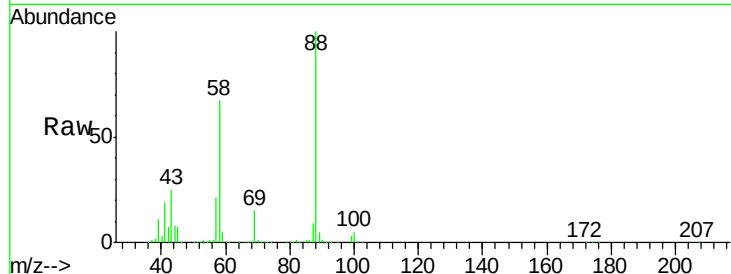
#45
1,4-Dioxane
Concen: 3665.271 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.2	36.4
58	66.6	56.6	84.8

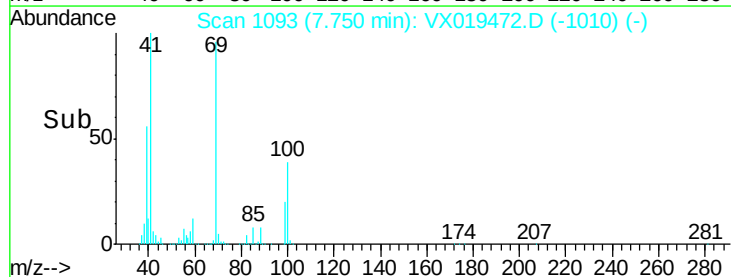
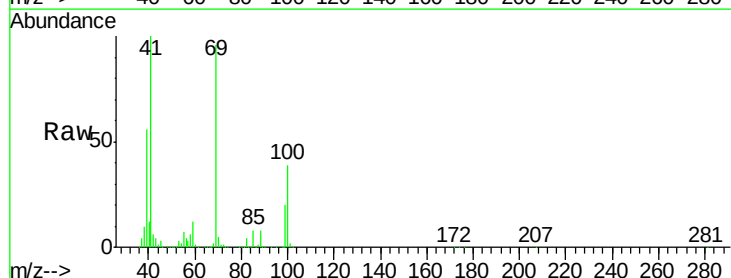
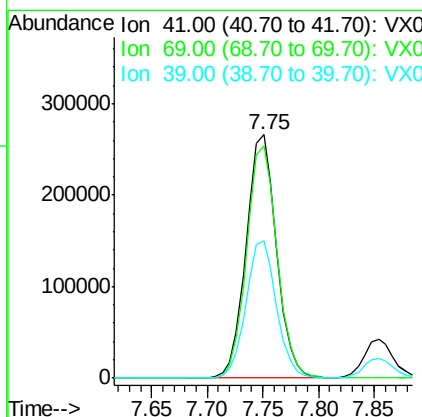
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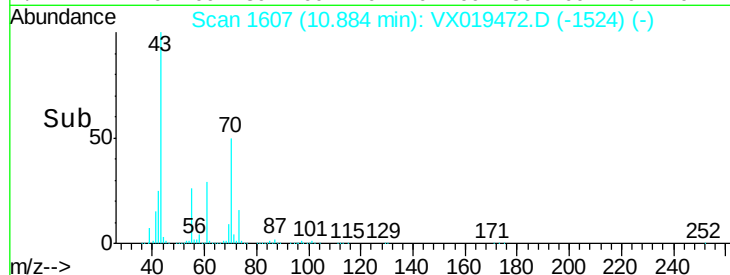
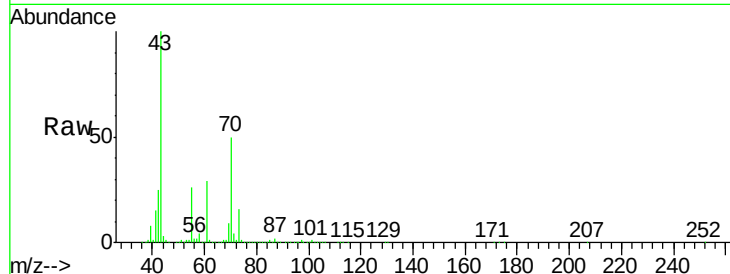
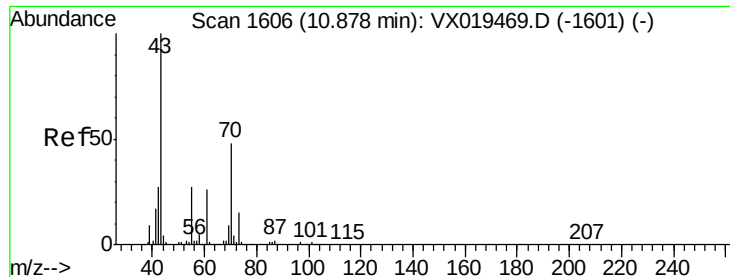
MMDadoda
11/20/2020 12:25:09 PM



#46
Methyl methacrylate
Concen: 182.256 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	95.6	49.7	149.1
39	56.3	28.1	84.4





#47

n-amvl Acetate

Concen: 193.757 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tot Ion: 43 Resp: 915535

Ion Ratio Lower Upper

43 100

55 26.2 22.8 34.2

Instrument :

MSVOA_X

ClientSampleId :

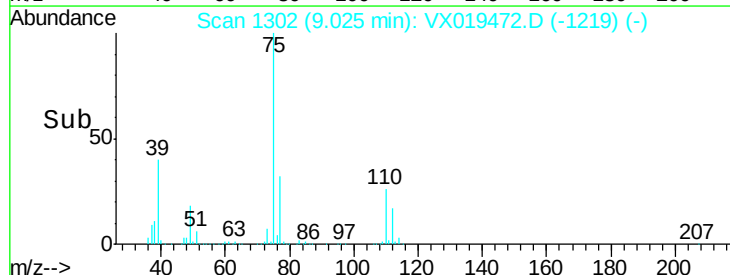
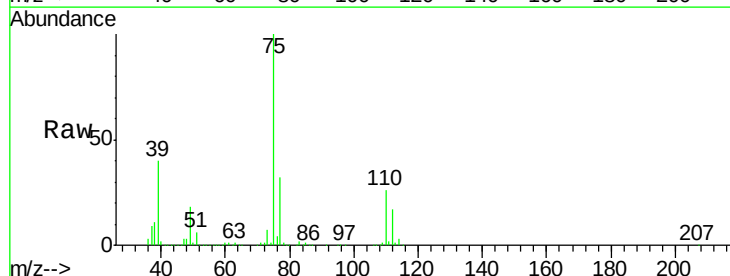
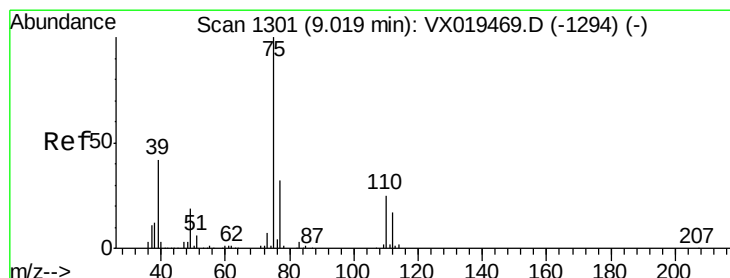
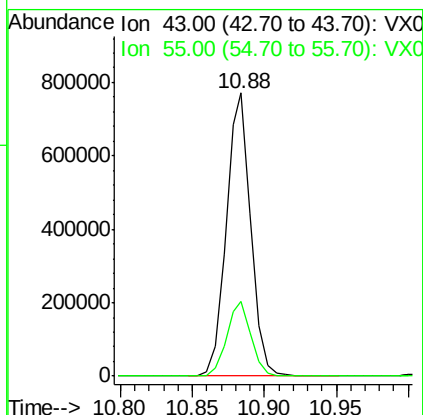
VSTDIC150

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 161.670 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019472.D

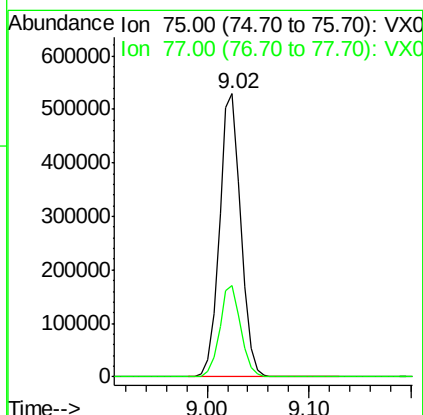
Acq: 19 Nov 2020 17:45

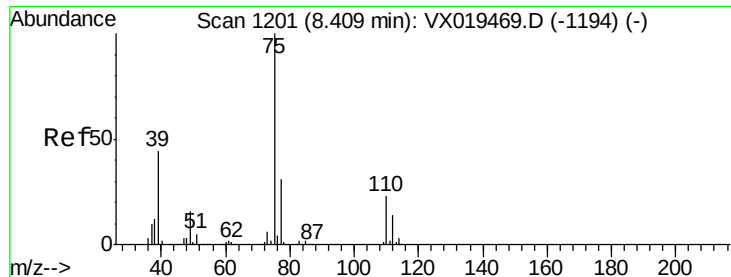
Tgt Ion: 75 Resp: 771100

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2





#49

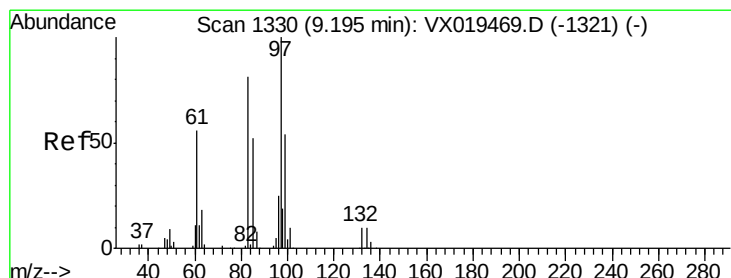
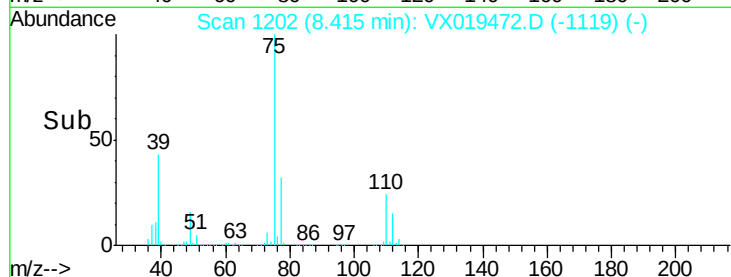
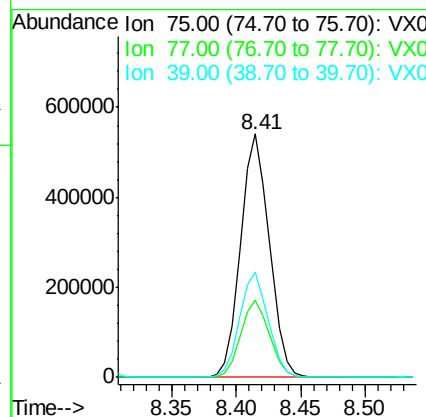
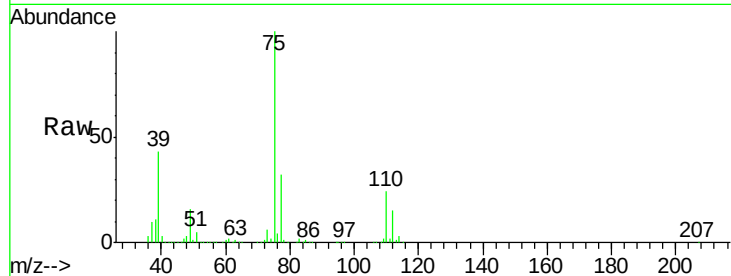
cis-1,3-Dichloropropene
 Concen: 163.866 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	24.7	37.1
39	43.2	35.3	52.9

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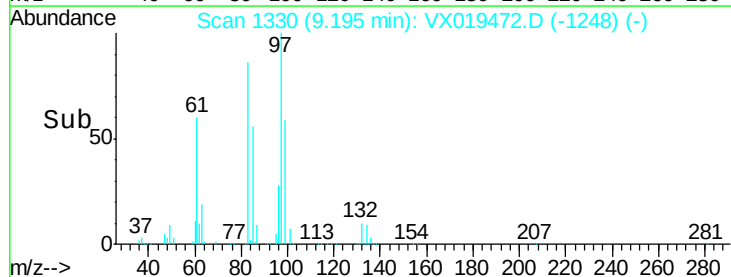
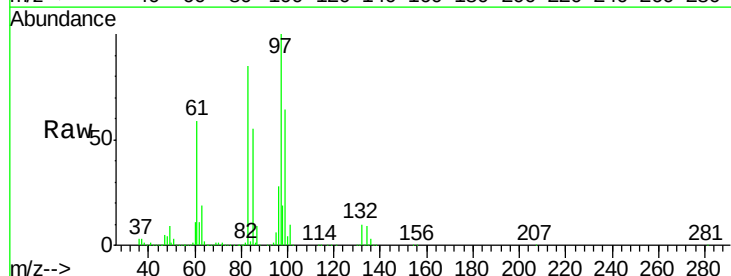
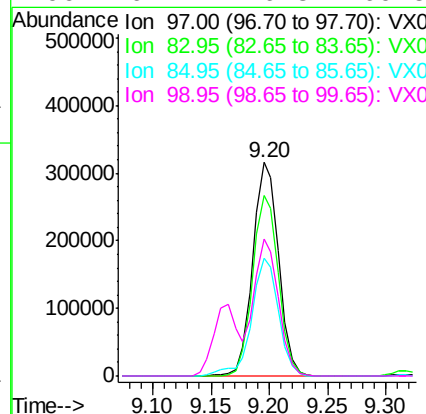
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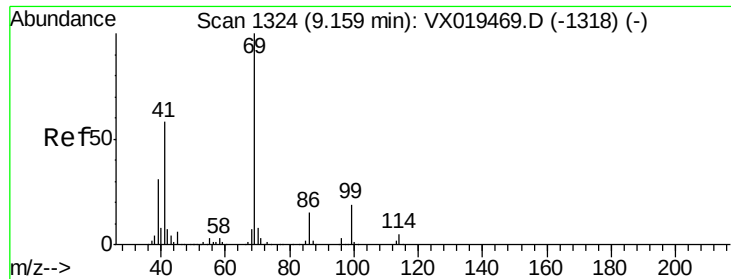


#50

1,1,2-Trichloroethane
 Concen: 152.446 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	64.8	97.2
85	54.9	41.8	62.8
99	64.2	46.3	69.5





#51

Ethyl methacrylate

Concen: 168.837 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

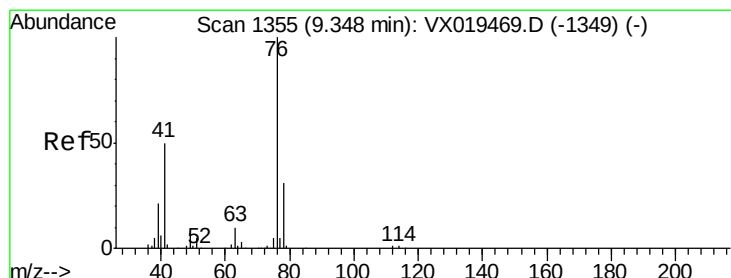
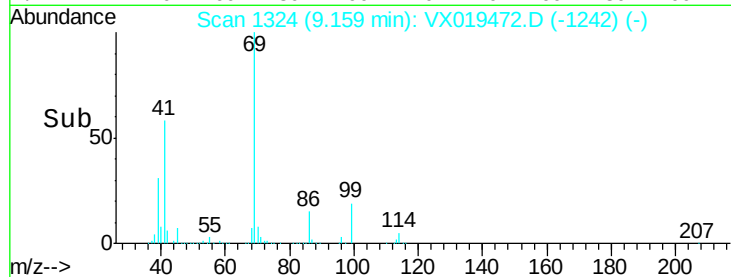
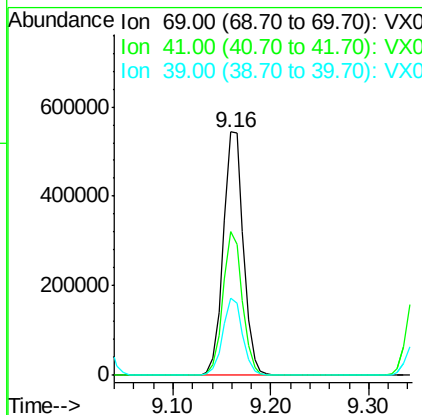
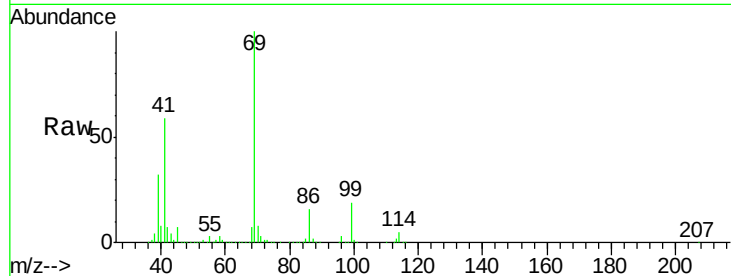
ClientSampleId :

VSTDICC150

Tot Ion:	69	Resp:	774921
Ion Ratio	Lower	Upper	
69	100		
41	59.2	29.0	87.1
39	31.9	15.4	46.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 157.227 ug/l

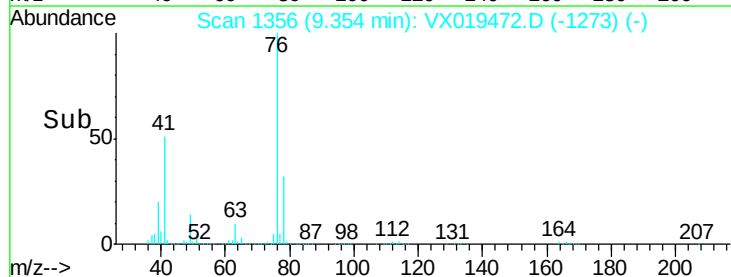
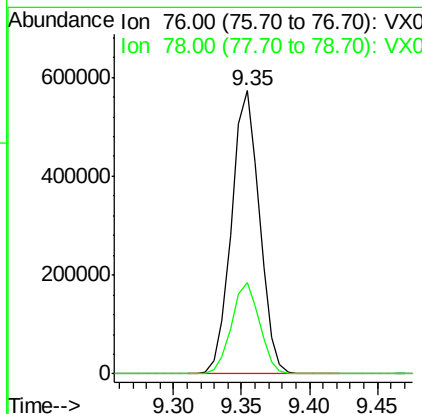
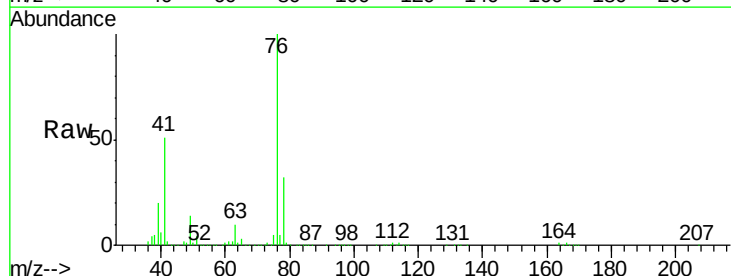
RT: 9.35 min Scan# 1356

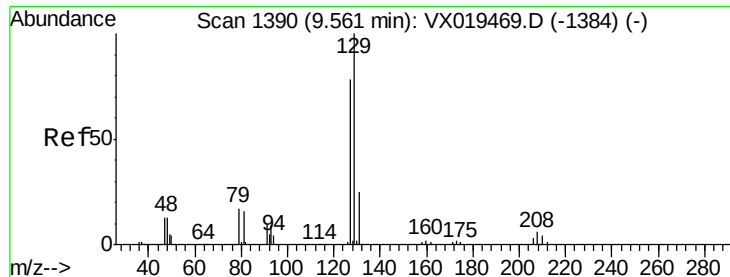
Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	76	Resp:	819783
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	63.4





#53

Dibromochloromethane

Concen: 152.086 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 529401

Ion Ratio Lower Upper

129 100

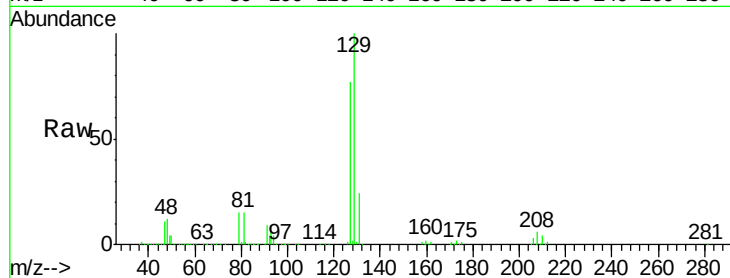
127 77.5 38.0 114.1

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

400000

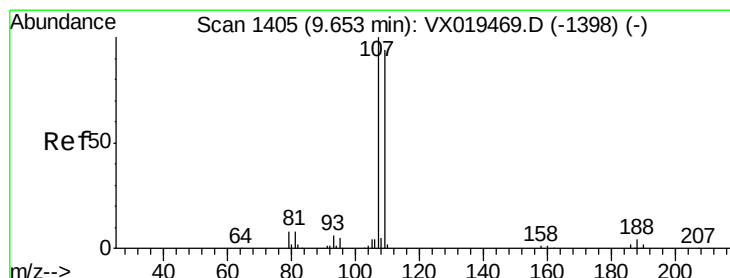
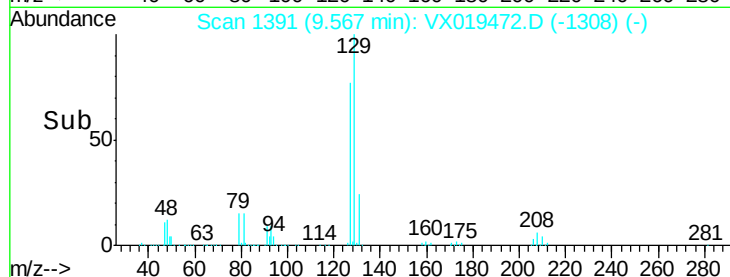
300000

200000

100000

0

Time-->



#54

1,2-Dibromoethane

Concen: 150.246 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019472.D

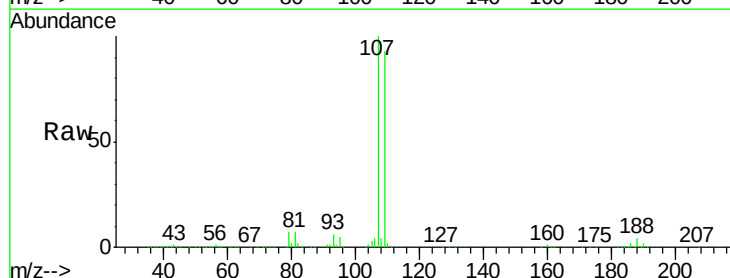
Acq: 19 Nov 2020 17:45

Tgt Ion:107 Resp: 515908

Ion Ratio Lower Upper

107 100

109 93.8 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.65

400000

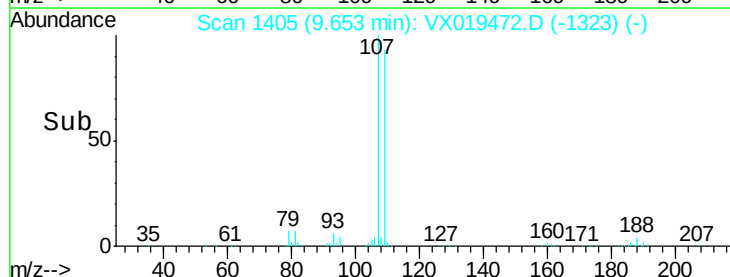
300000

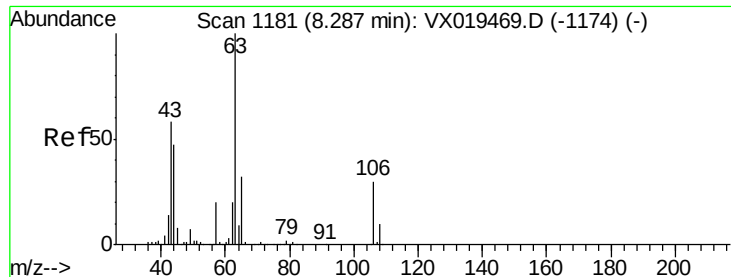
200000

100000

0

Time-->





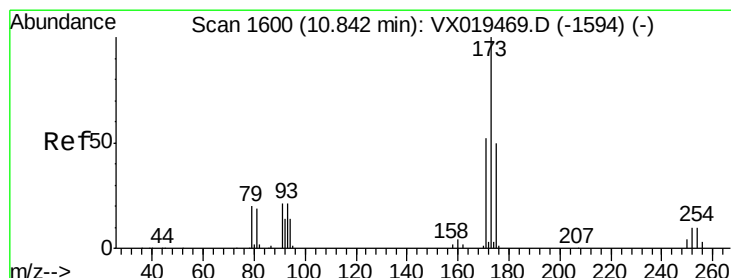
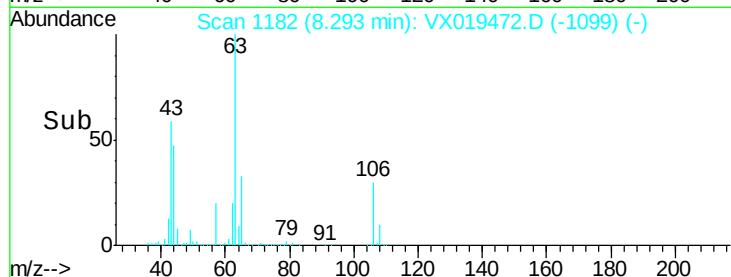
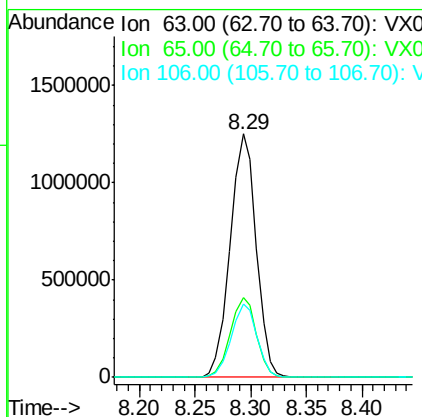
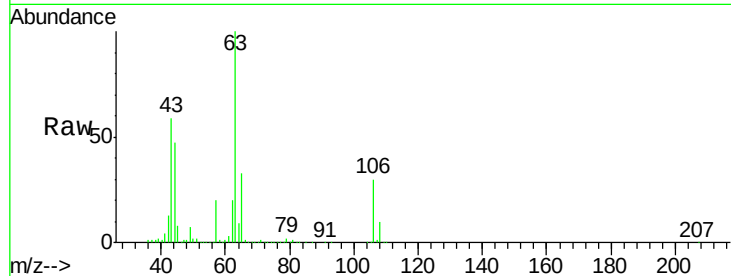
#55
2-Chloroethyl vinyl ether
Concen: 835.864 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 2027905
Ion Ratio Lower Upper
63 100
65 32.7 25.7 38.5
106 30.0 24.2 36.4

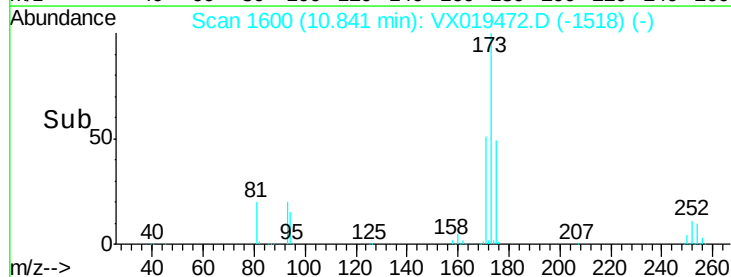
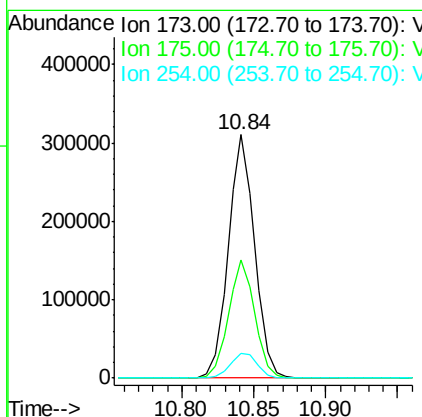
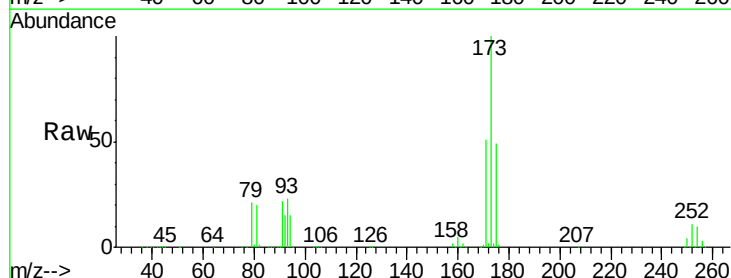
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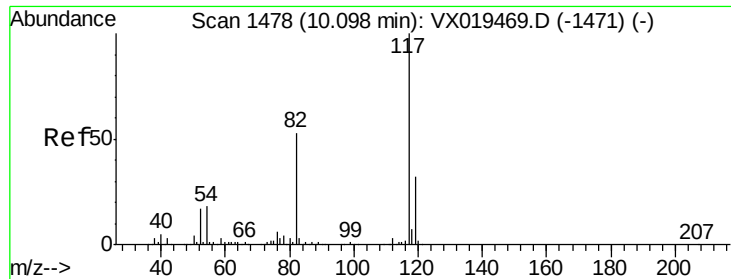
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#56
Bromoform
Concen: 162.730 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 173 Resp: 395438
Ion Ratio Lower Upper
173 100
175 48.7 39.7 59.5
254 10.5 8.0 12.0





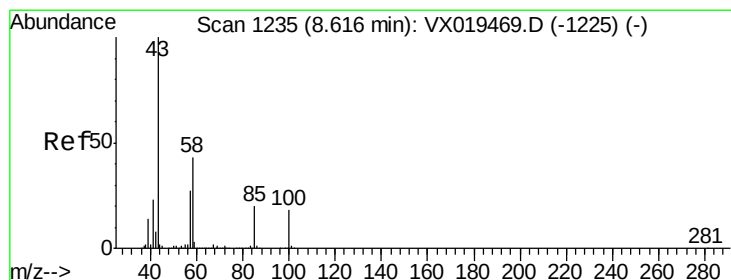
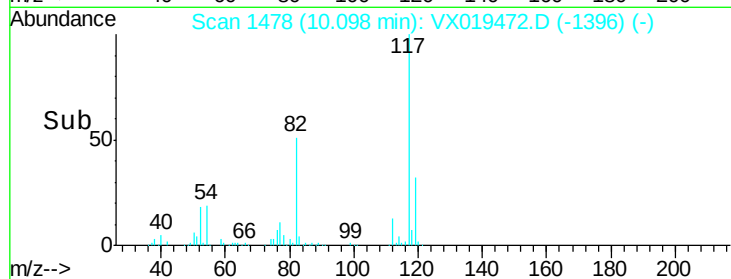
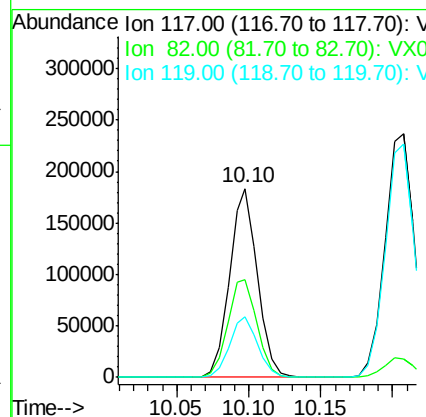
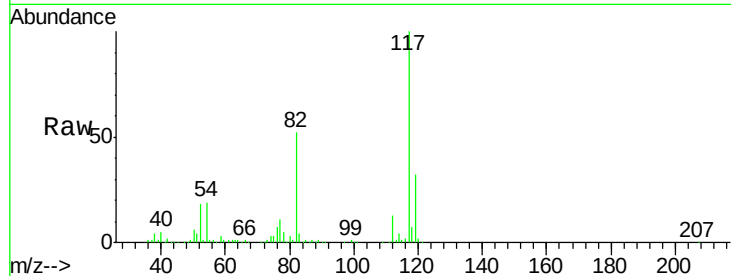
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.5	66.7
119	32.4	25.9	38.9

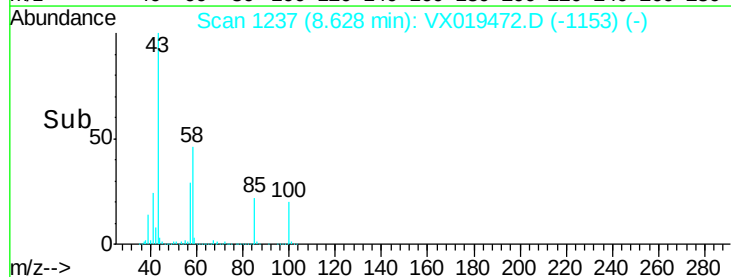
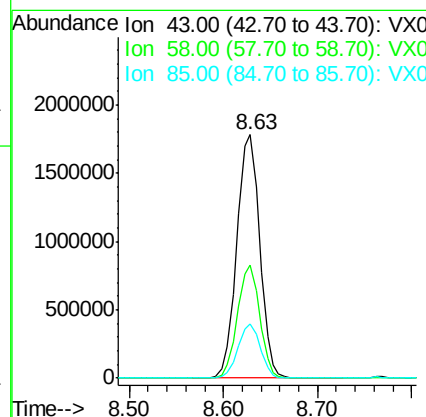
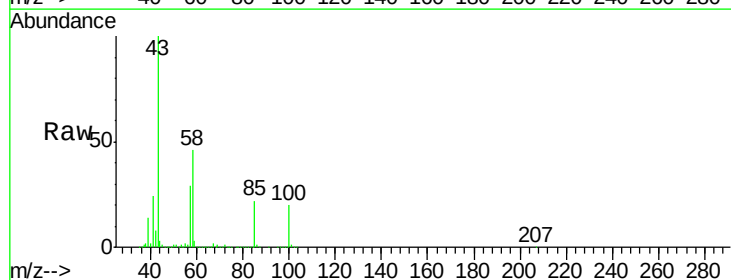
Manual Integrations
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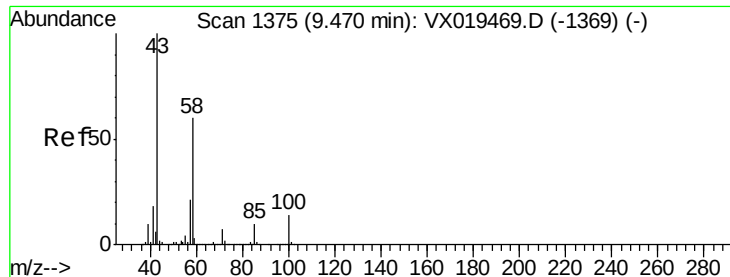
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#58
4-Methyl-2-Pentanone
Concen: 906.825 ug/l
RT: 8.63 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.1	35.1	52.7
85	21.6	16.7	25.1





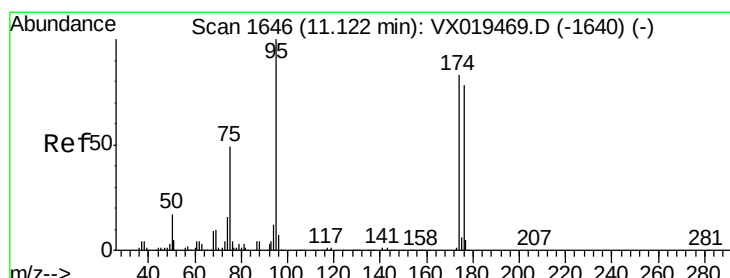
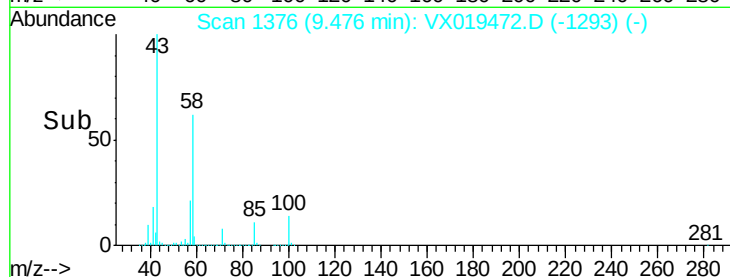
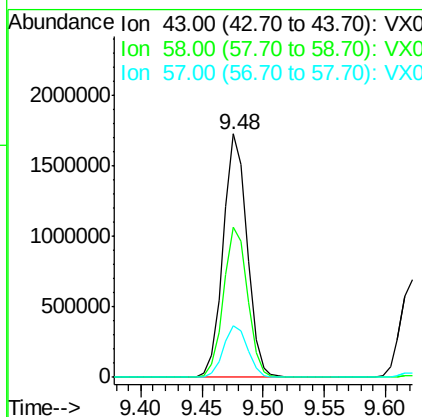
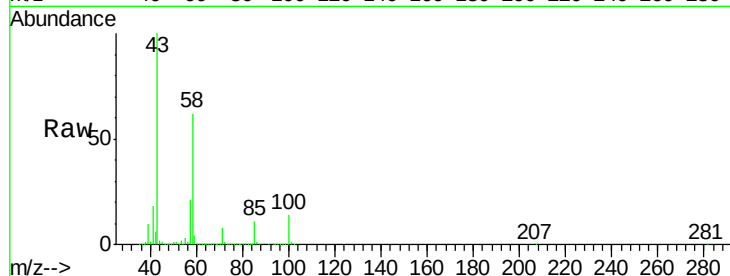
#59
2-Hexanone
Concen: 936.657 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2334974
Ion Ratio Lower Upper
43 100
58 62.0 49.0 73.6
57 21.5 17.0 25.4

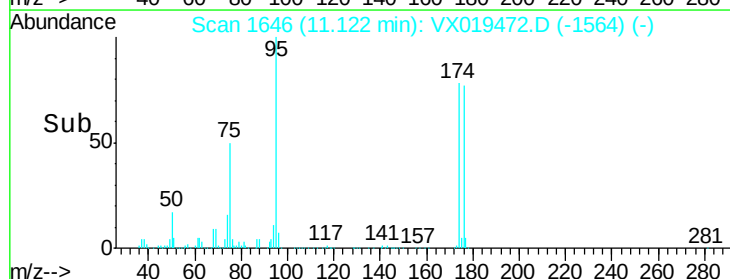
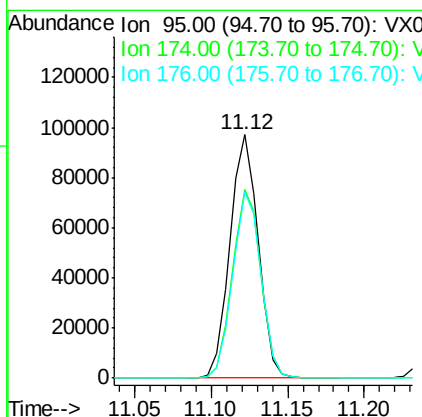
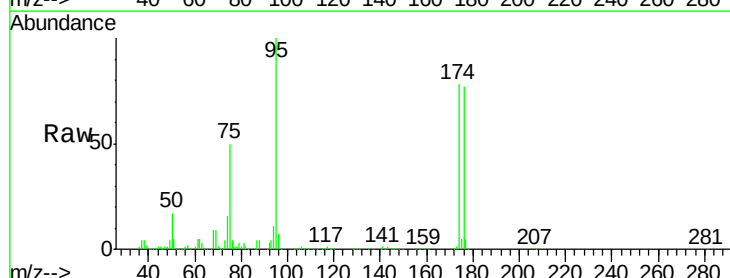
Manual Integrations
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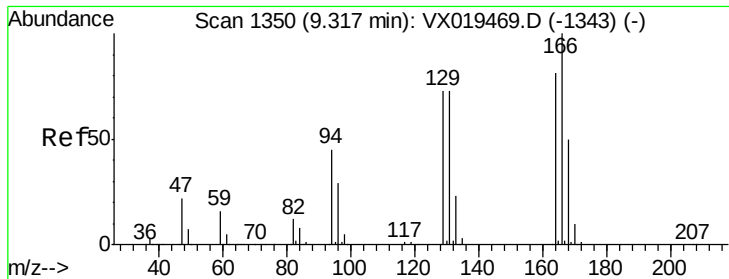
MMDadoda
11/20/2020 12:25:09 PM



#60
4-Bromofluorobenzene
Concen: 32.761 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion: 95 Resp: 123726
Ion Ratio Lower Upper
95 100
174 78.1 63.5 95.3
176 76.5 59.8 89.6





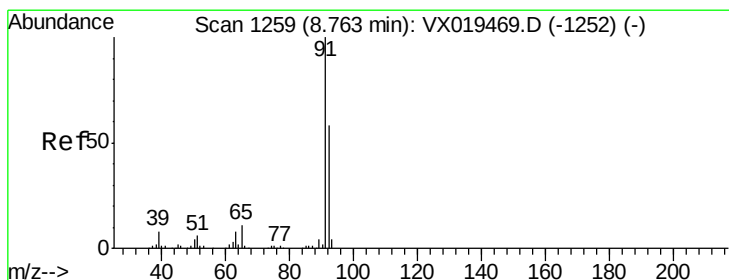
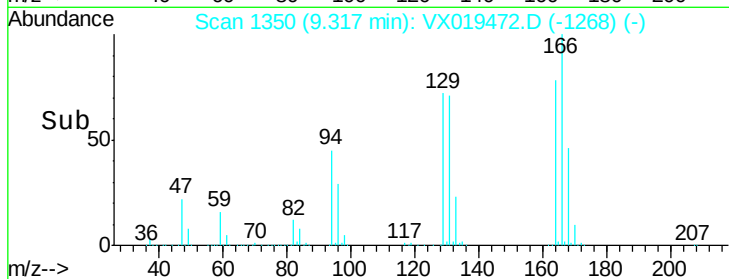
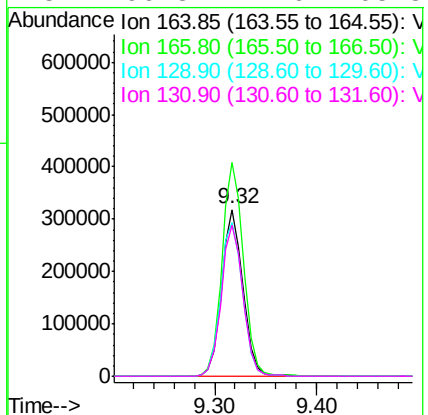
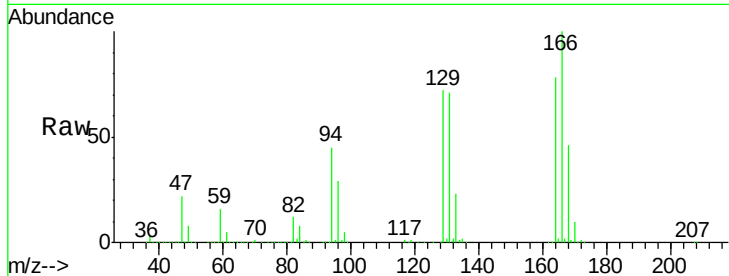
#61
Tetrachloroethene
Concen: 148.841 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.1	99.4	149.0
129	92.4	72.6	108.8
131	90.3	72.6	108.8

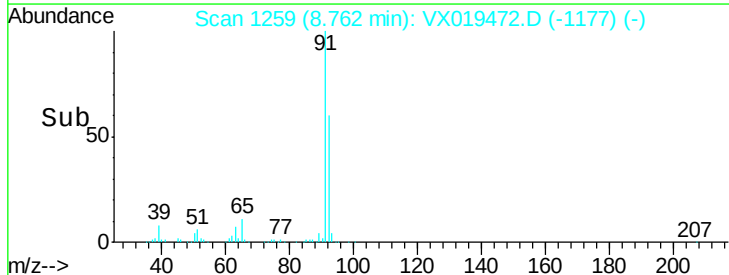
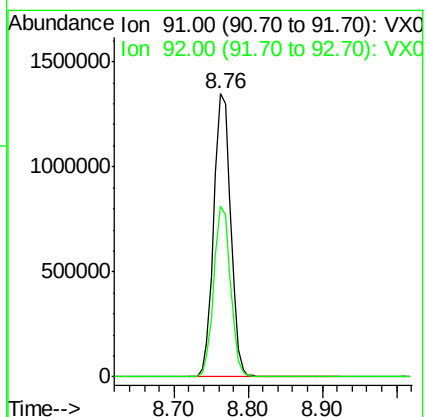
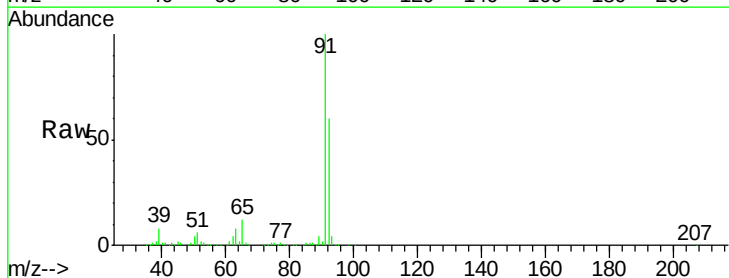
Manual Integrations
APPROVED

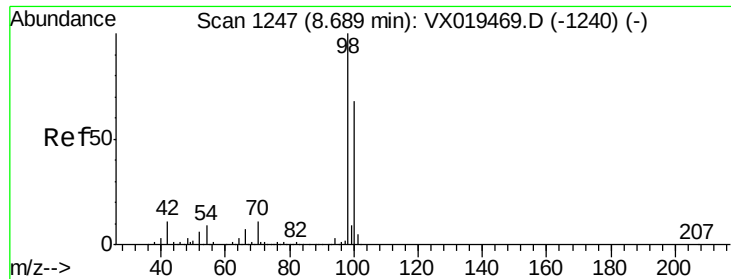
MMDadoda
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#62
Toluene
Concen: 156.855 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.2	47.4	71.2





#63

Toluene-d8

Concen: 30.276 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 330582

Ion Ratio Lower Upper

98 100

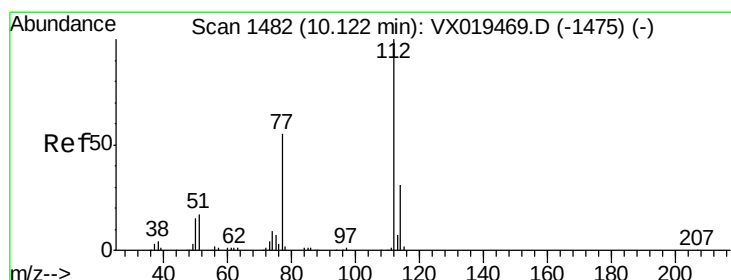
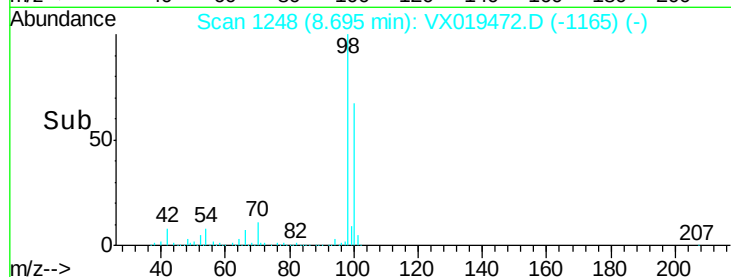
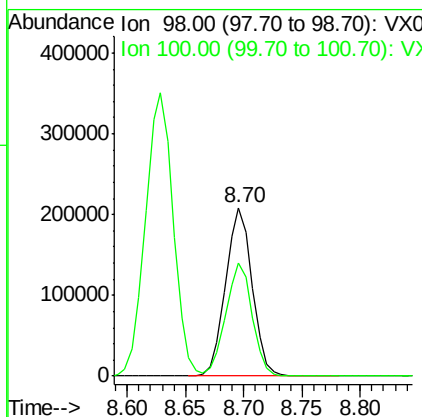
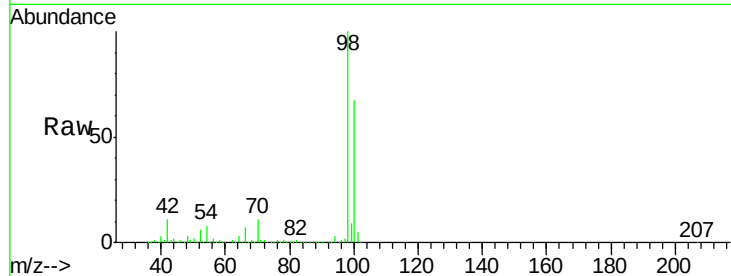
100 66.6 53.6 80.4

Manual Integrations

APPROVED

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#64

Chlorobenzene

Concen: 151.452 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019472.D

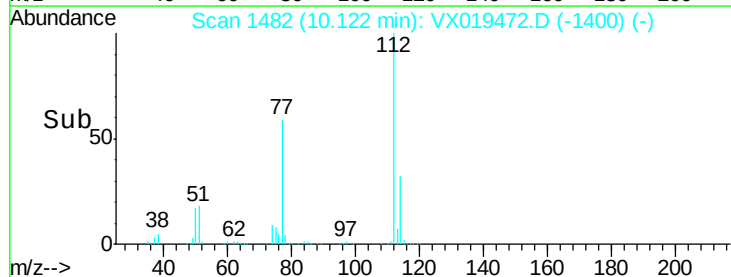
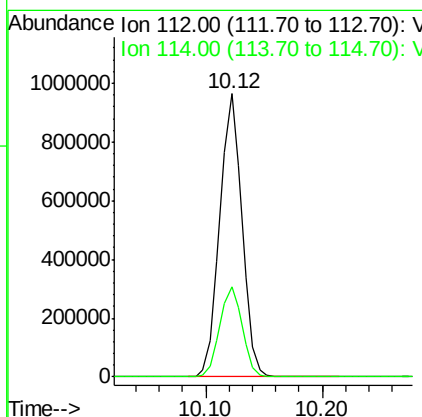
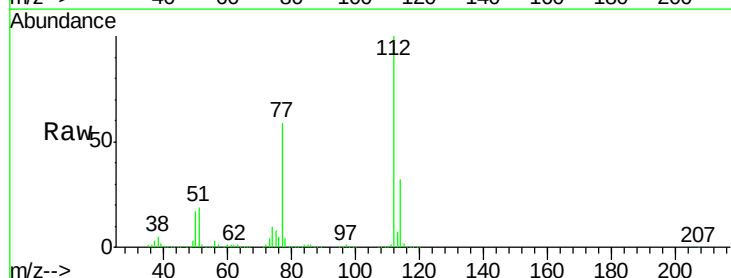
Acq: 19 Nov 2020 17:45

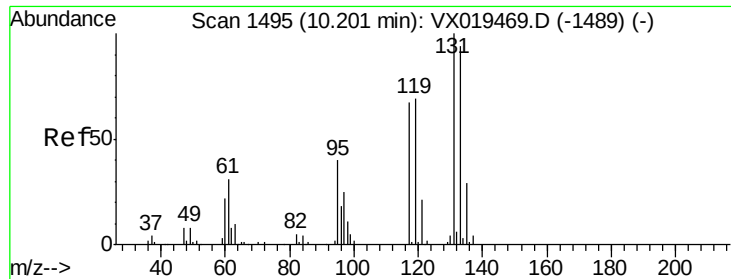
Tgt Ion: 112 Resp: 1267384

Ion Ratio Lower Upper

112 100

114 32.0 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 159.782 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

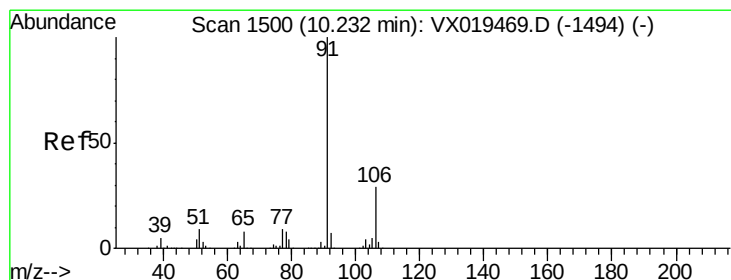
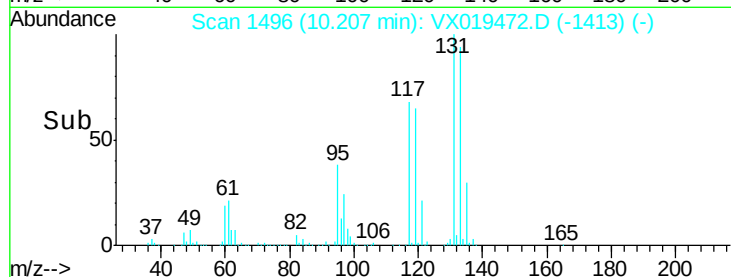
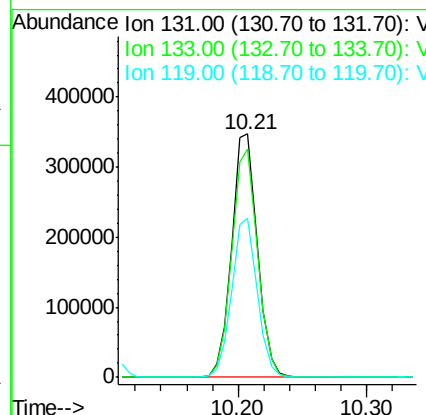
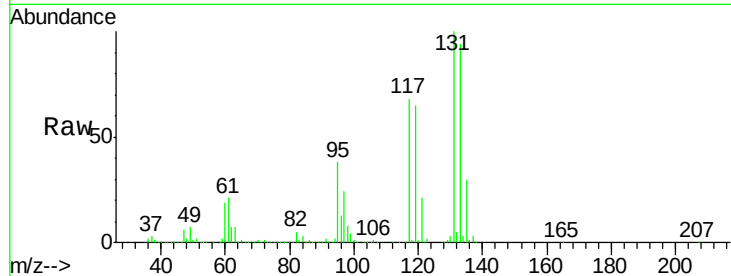
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
131	100	486643		
133	94.0	0.0	189.4	
119	65.1	0.0	130.4	

Manual Integrations
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#66

Ethyl Benzene

Concen: 156.985 ug/l

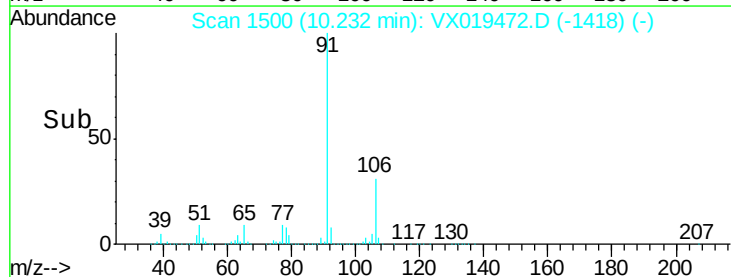
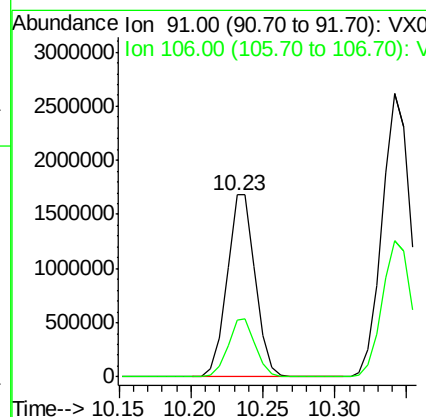
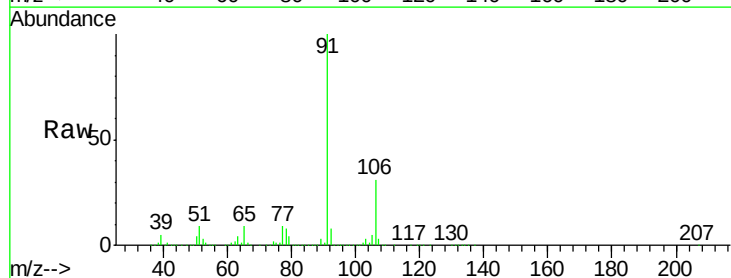
RT: 10.23 min Scan# 1500

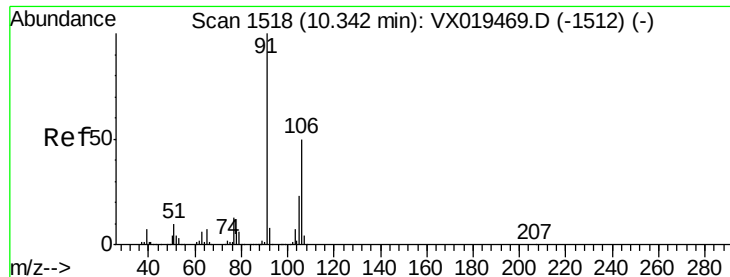
Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2317518		
106	30.9	23.5	35.3	





#67

m/p-Xylenes

Concen: 308.003 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:106 Resp: 1731099

Ion Ratio Lower Upper

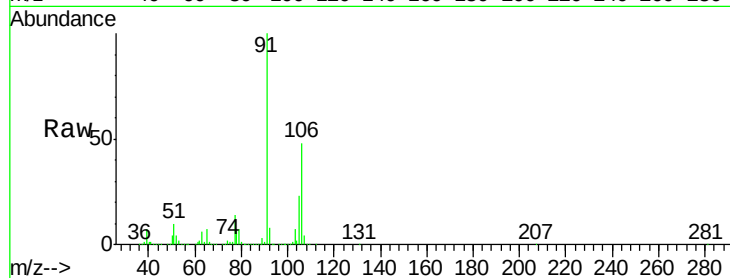
106 100

91 203.4 162.7 244.1

Manual Integrations
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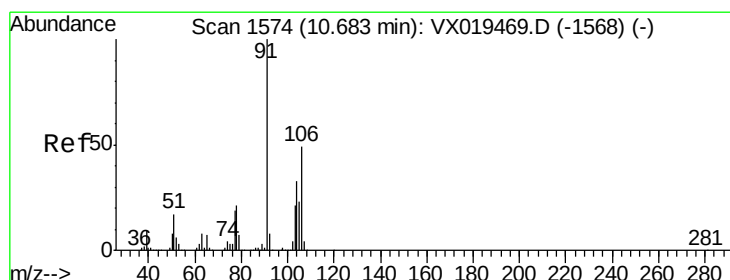
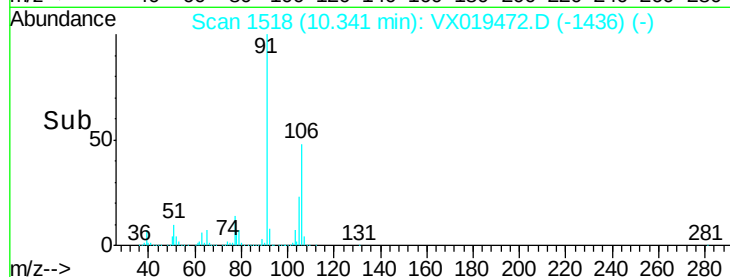
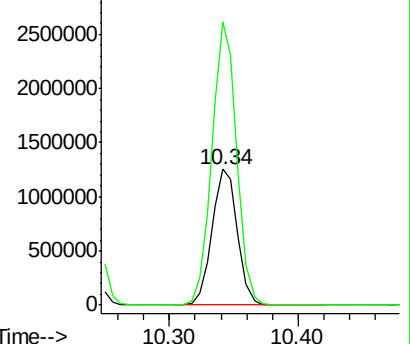
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 155.924 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019472.D

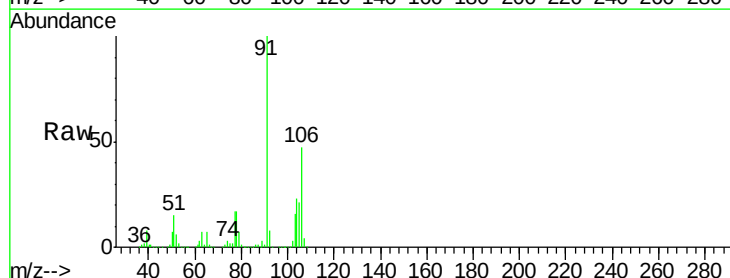
Acq: 19 Nov 2020 17:45

Tgt Ion:106 Resp: 835763

Ion Ratio Lower Upper

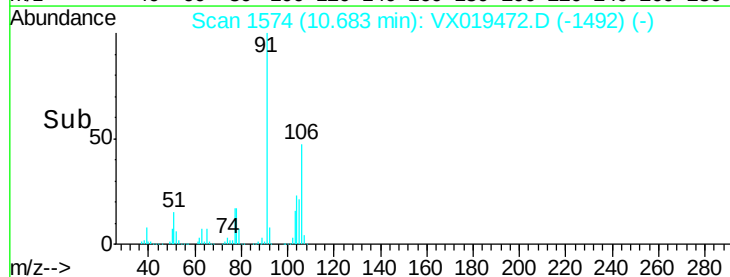
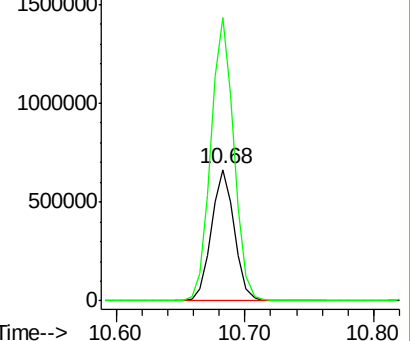
106 100

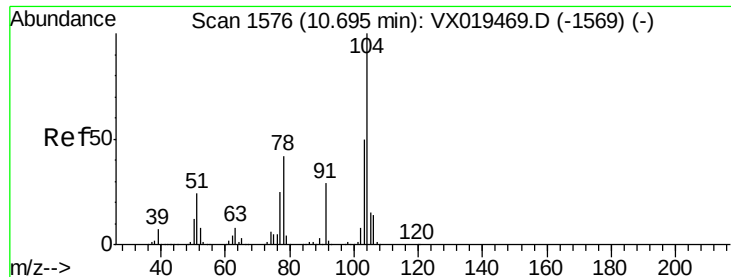
91 216.6 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





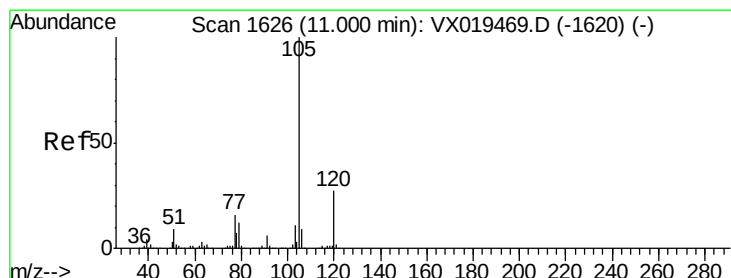
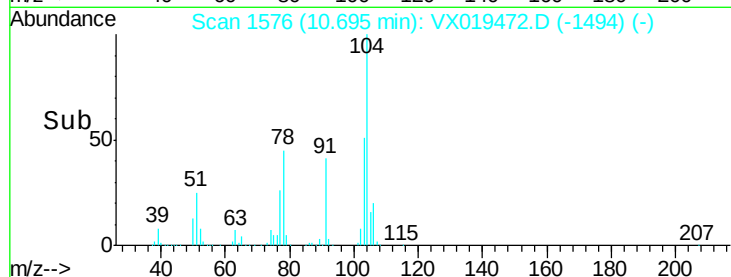
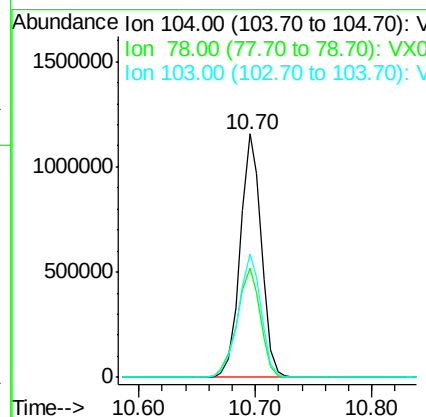
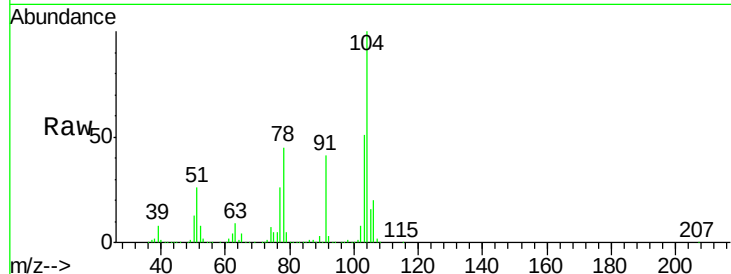
#69
Stvrene
Concen: 161.390 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

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

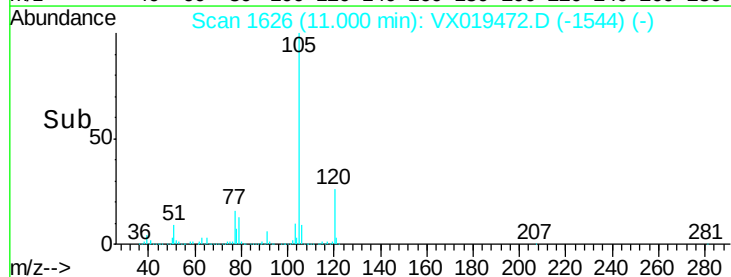
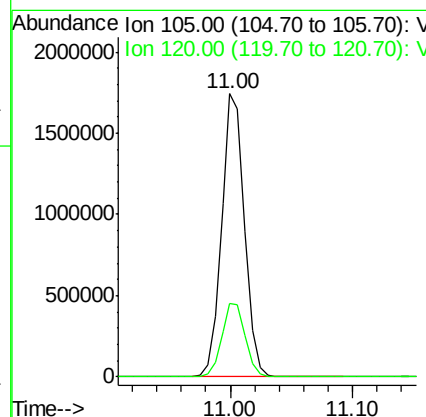
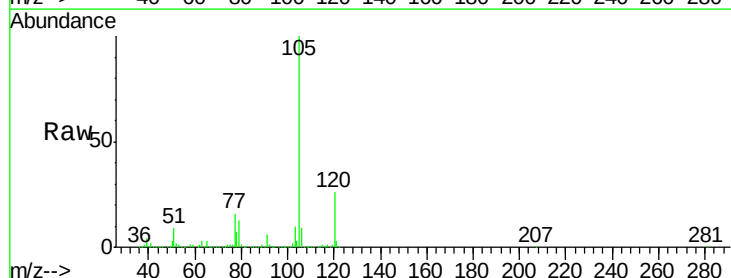
Manual Integrations
APPROVED

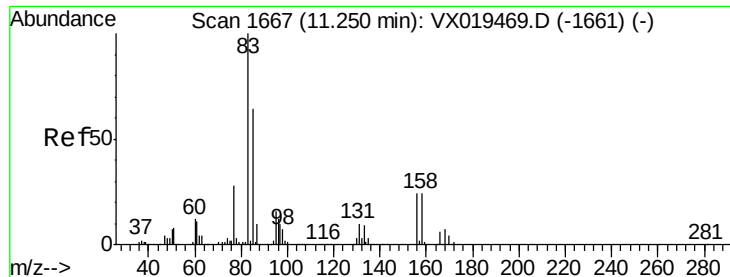
MMDadoda
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#70
Isopropylbenzene
Concen: 156.028 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.5	34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 179.638 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 772322

Ion Ratio Lower Upper

83 100

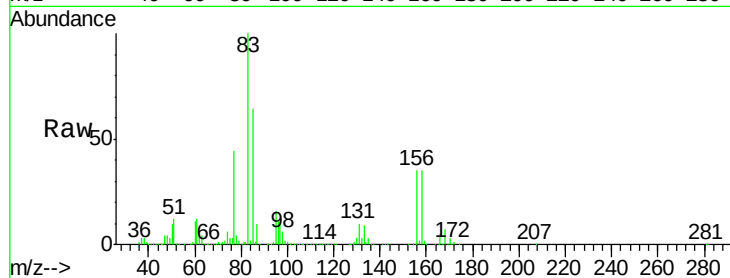
131 10.0 4.9 14.7

85 64.1 31.6 94.8

Manual Integrations
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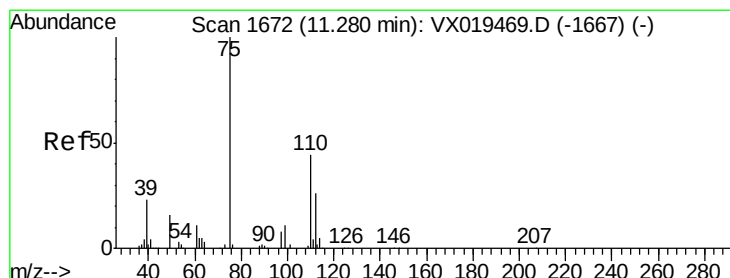
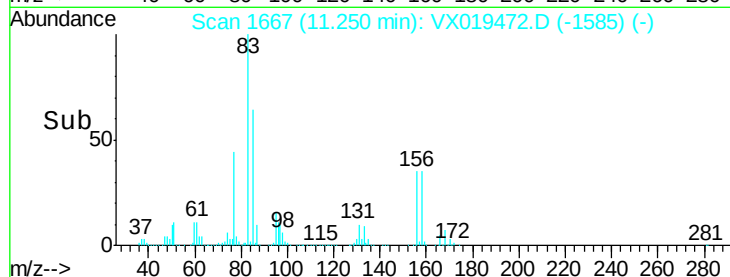
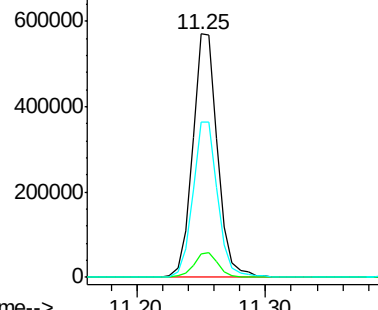
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 175.053 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019472.D

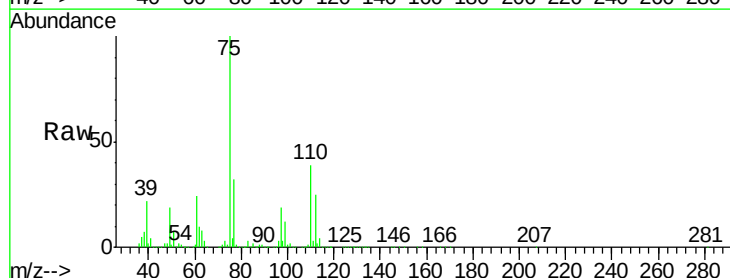
Acq: 19 Nov 2020 17:45

Tgt Ion: 75 Resp: 673473

Ion Ratio Lower Upper

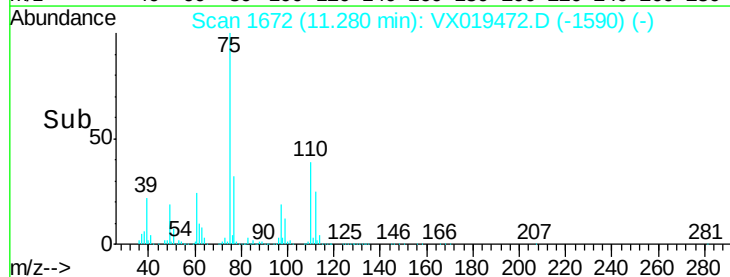
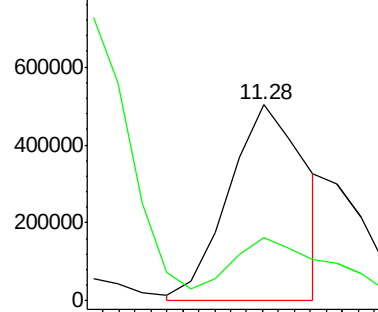
75 100

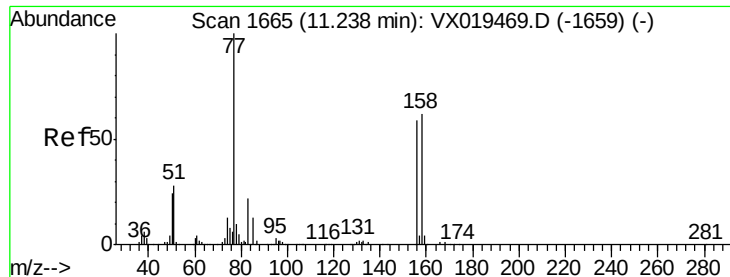
77 42.8 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 158.587 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

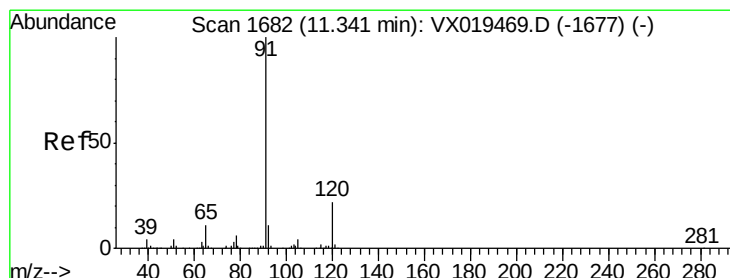
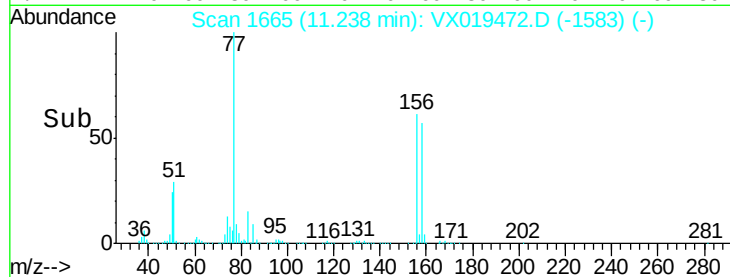
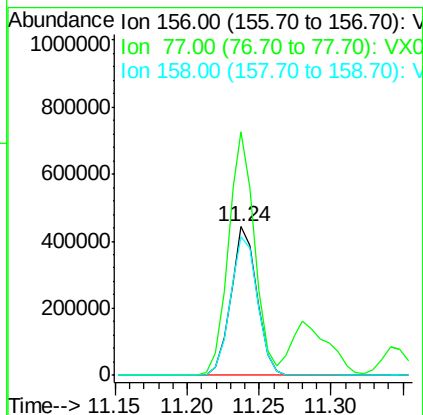
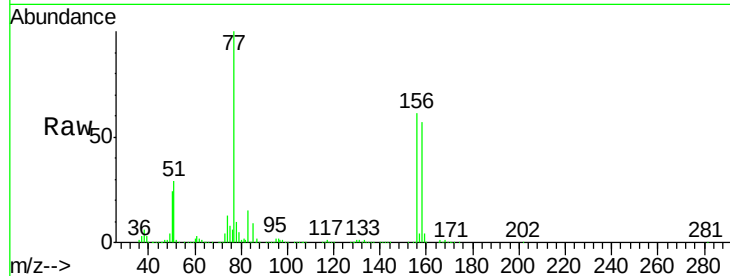
ClientSampleId :

VSTDIC150

Tot Ion:	156	Resp:	561717
Ion Ratio	Lower	Upper	
156	100		
77	164.4	0.0	329.0
158	97.0	0.0	197.0

Manual Integrations
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#74

n-propylbenzene

Concen: 159.678 ug/l

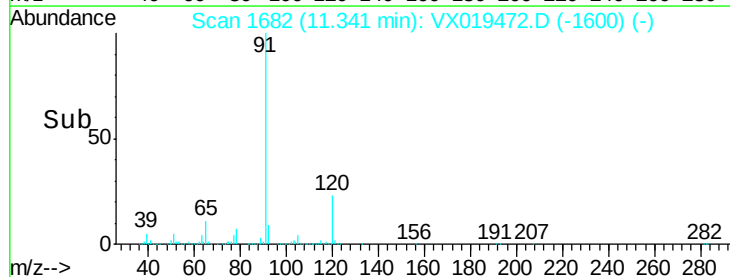
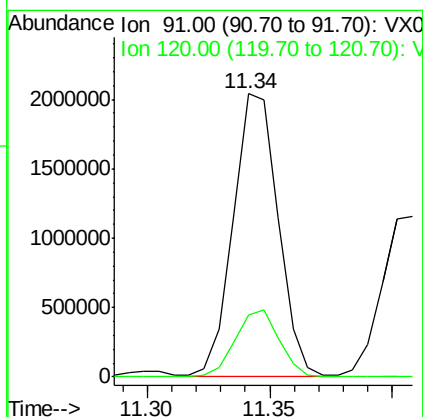
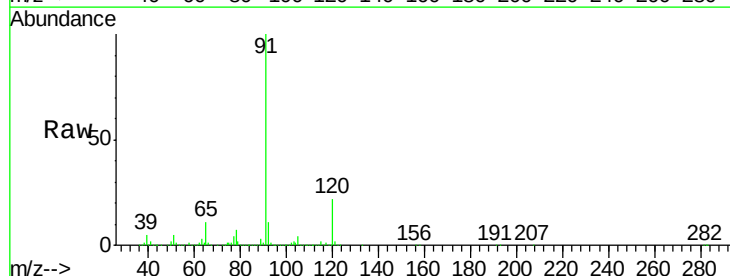
RT: 11.34 min Scan# 1682

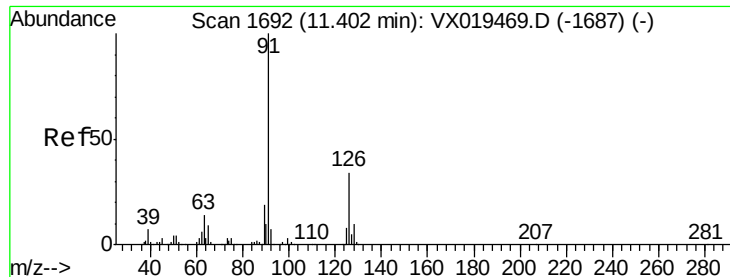
Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Tgt Ion:	91	Resp:	2618451
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	45.6





#75

2-Chlorotoluene

Concen: 164.180 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1548099

Ion Ratio Lower Upper

91 100

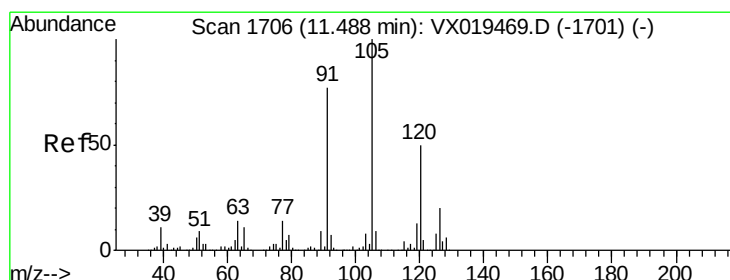
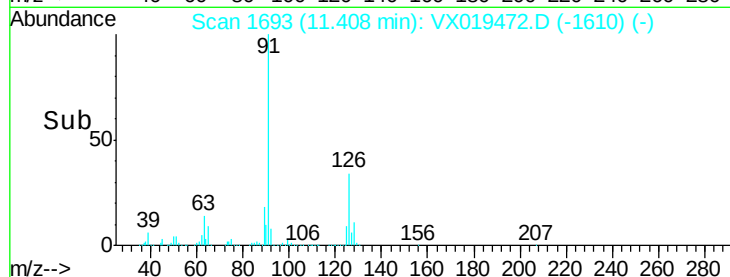
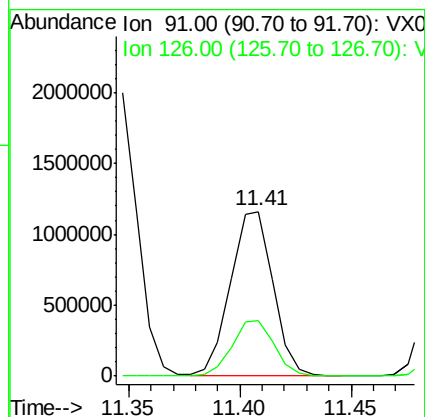
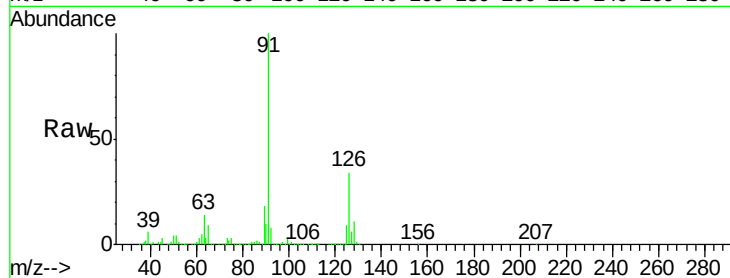
126 33.4 0.0 66.4

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 163.570 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX019472.D

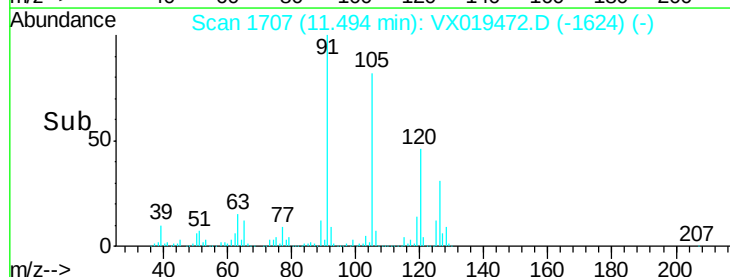
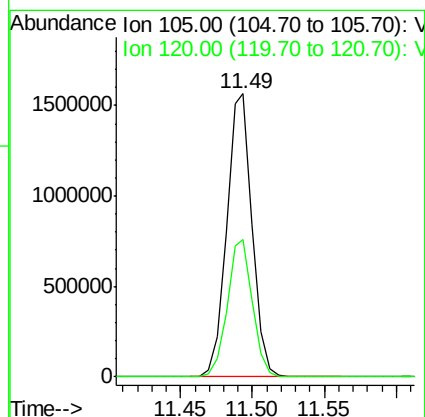
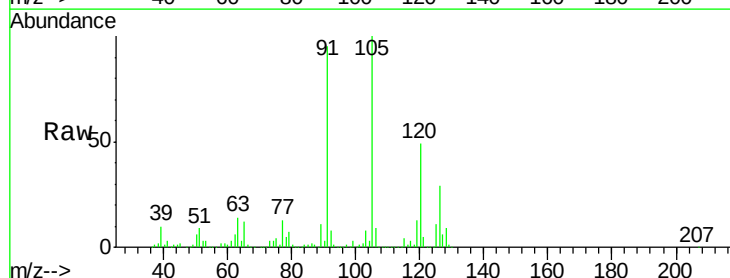
Acq: 19 Nov 2020 17:45

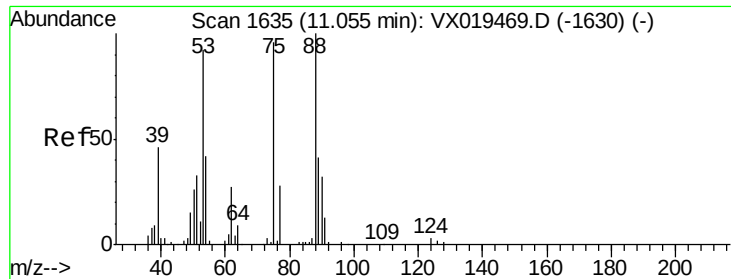
Tgt Ion: 105 Resp: 1932026

Ion Ratio Lower Upper

105 100

120 48.3 0.0 99.4





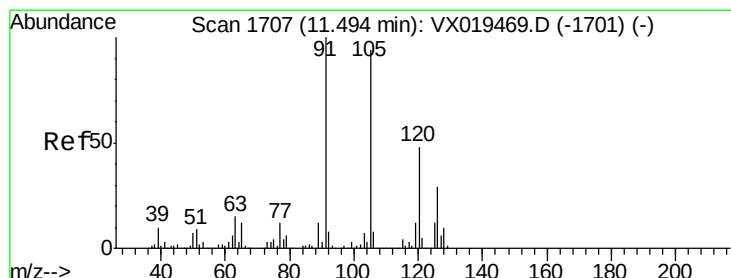
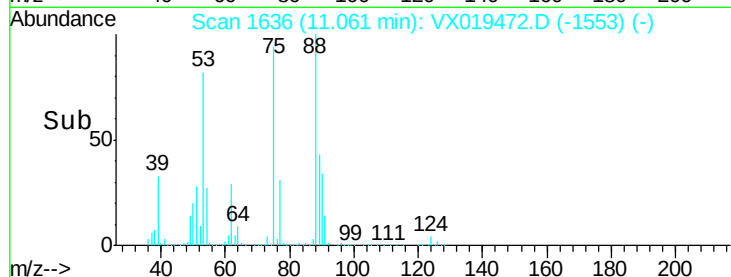
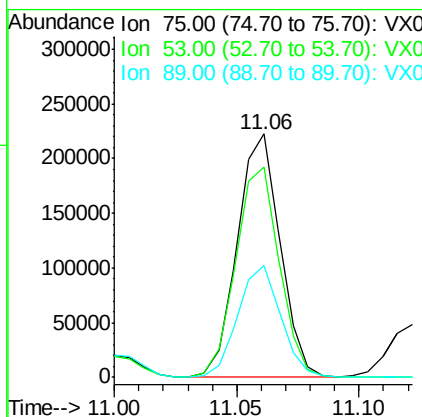
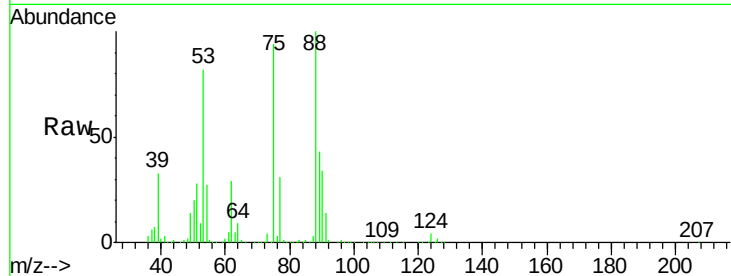
#77
t-1,4-Dichloro-2-butene
Concen: 184.639 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.6	47.9	143.6
89	46.1	21.4	64.2

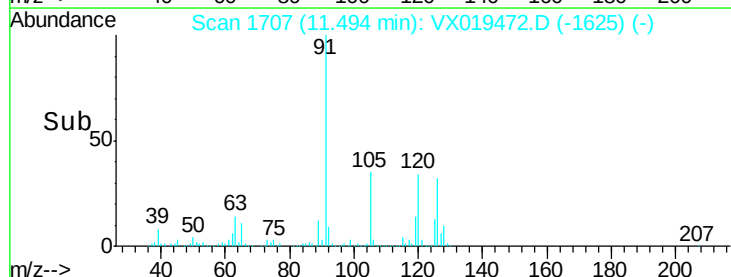
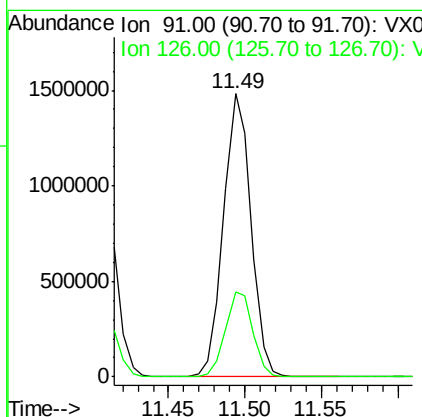
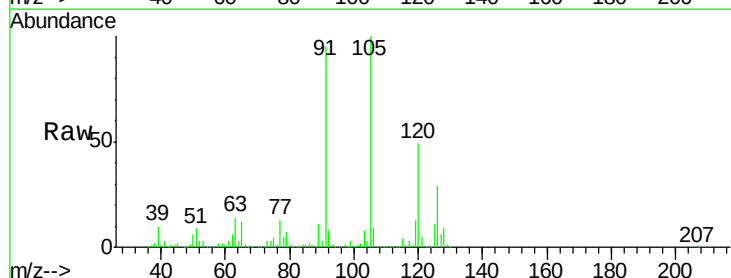
Manual Integrations
APPROVED

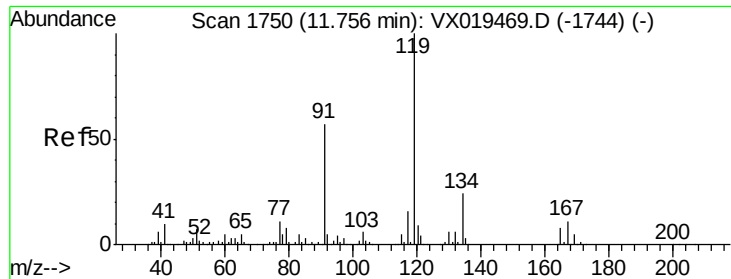
MMDadoda
11/20/2020 12:25:09 PM



#78
4-Chlorotoluene
Concen: 166.759 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	58.6





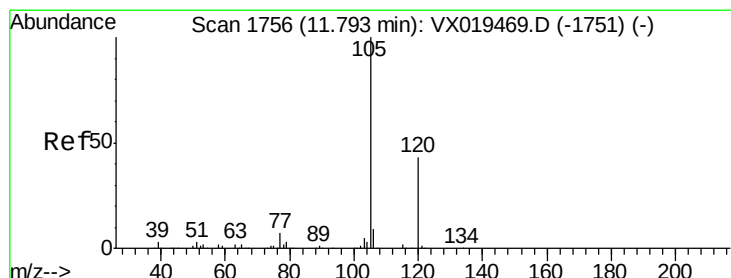
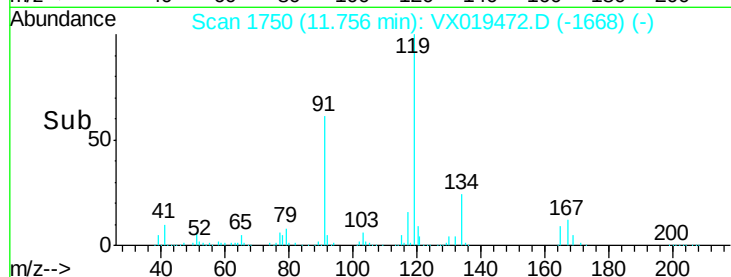
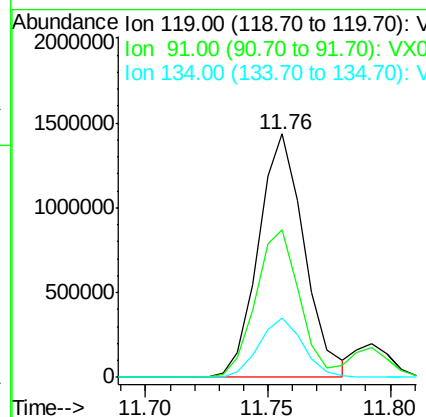
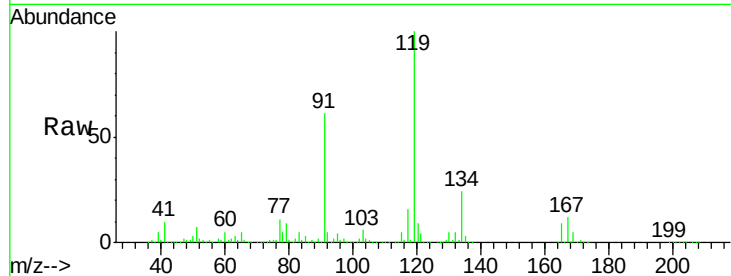
#79
tert-butylbenzene
Concen: 163.388 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.5	0.0	117.0
134	23.3	0.0	47.2

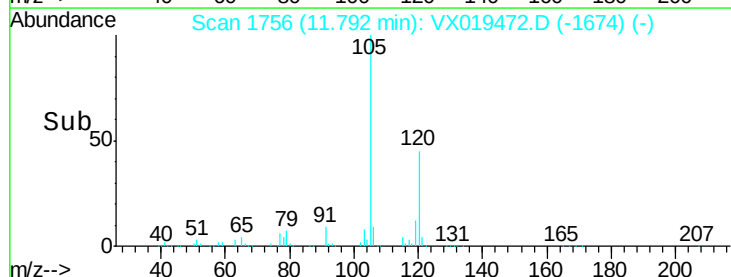
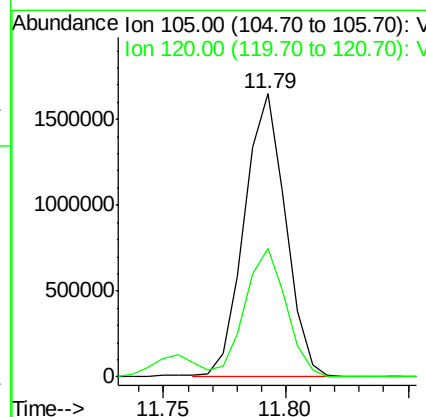
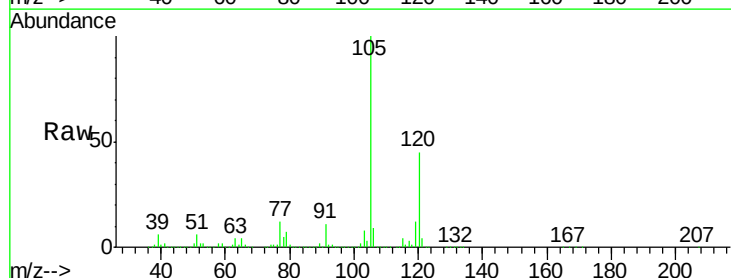
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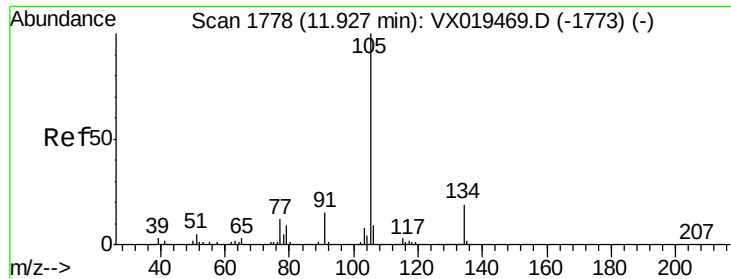
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#80
1,2,4-Trimethylbenzene
Concen: 164.213 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	0.0	91.2





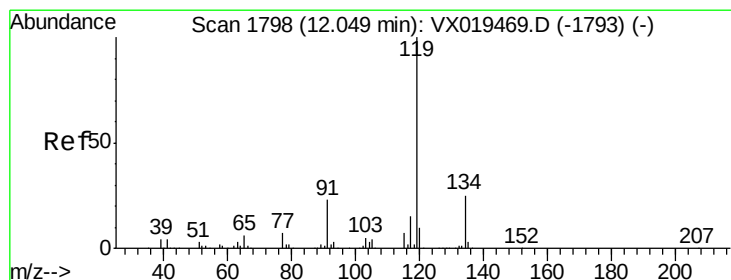
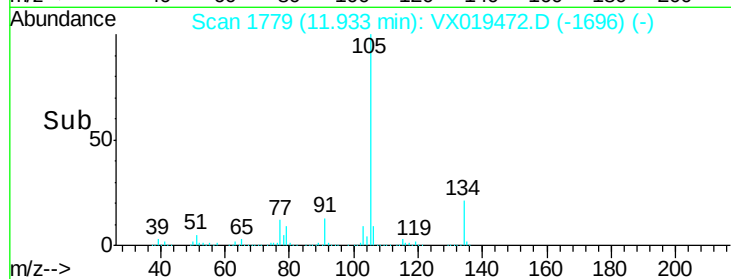
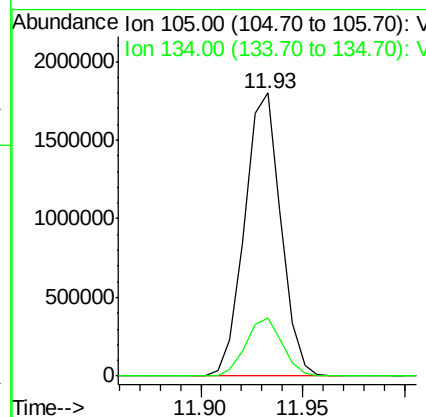
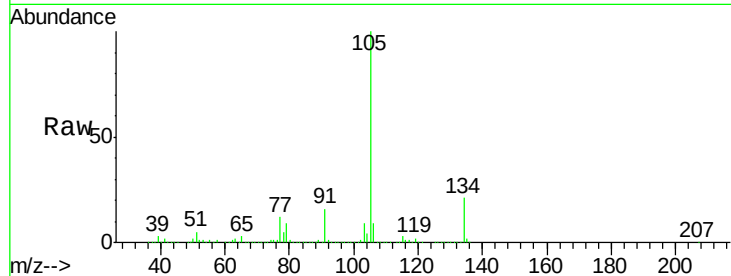
#81
 sec-Butylbenzene
 Concen: 161.362 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 2218104
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.2

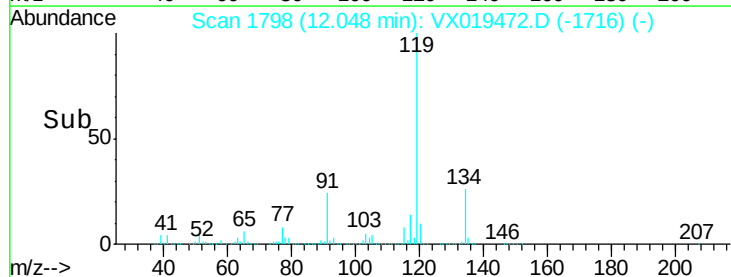
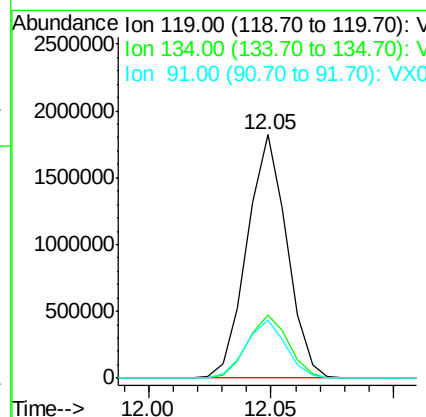
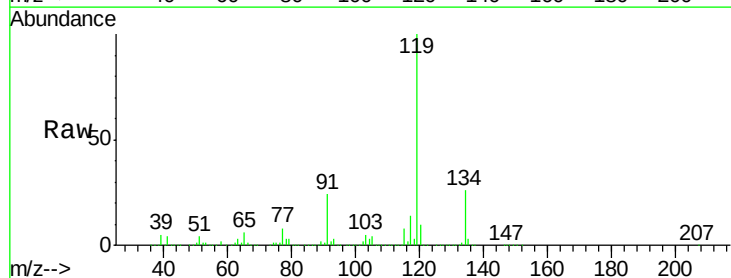
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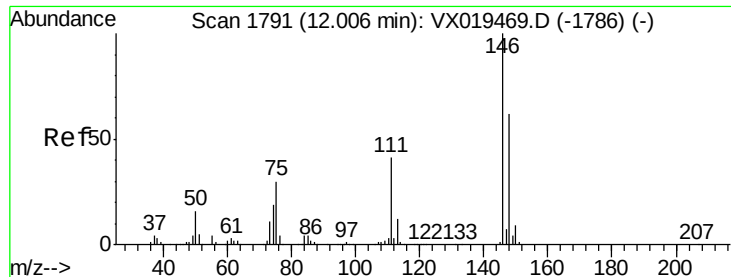
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#82
 p-Isopropyltoluene
 Concen: 162.953 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion:119 Resp: 2055434
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 24.0 0.0 47.6





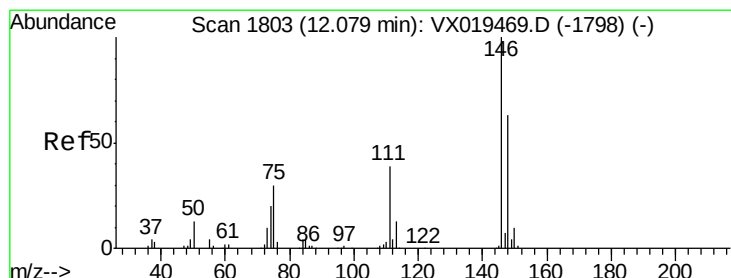
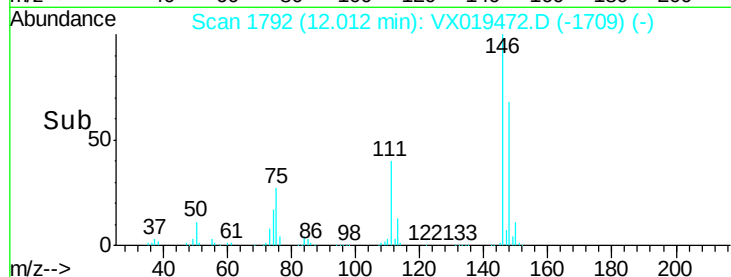
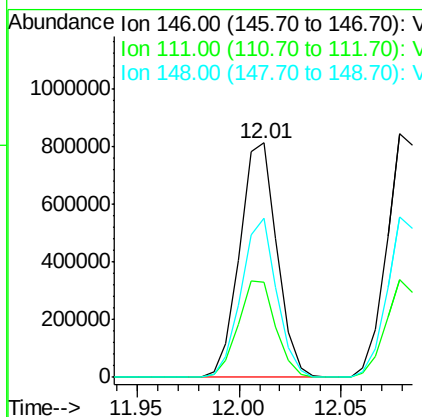
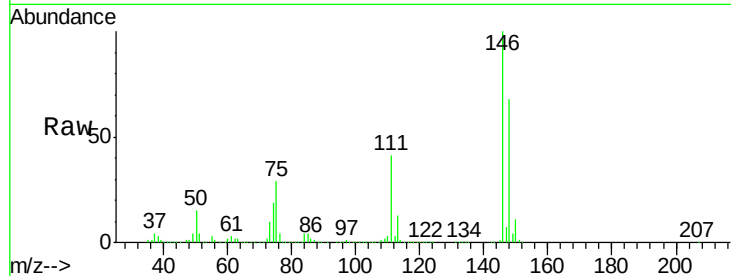
#83
 1,3-Dichlorobenzene
 Concen: 160.755 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:146 Resp: 1026387
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.0 60.0
 148 64.8 31.4 94.0

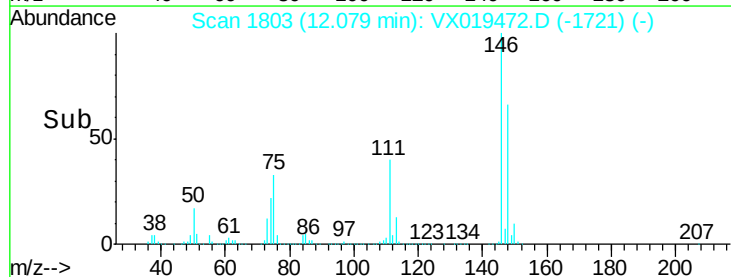
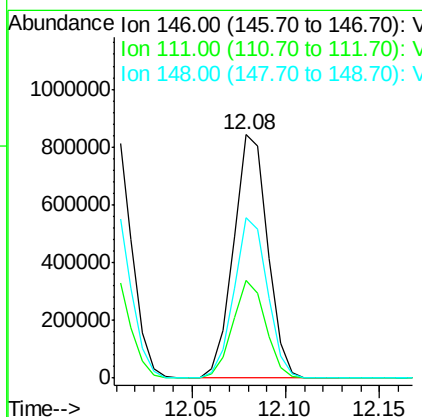
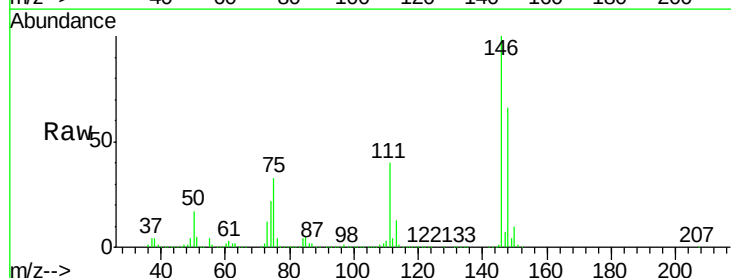
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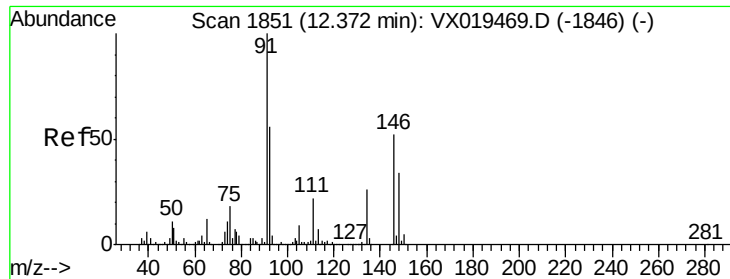
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#84
 1,4-Dichlorobenzene
 Concen: 163.289 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion:146 Resp: 1057986
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.3 57.9
 148 65.0 31.4 94.2





#85

n-Butylbenzene

Concen: 171.742 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1935784

Ion Ratio Lower Upper

91 100

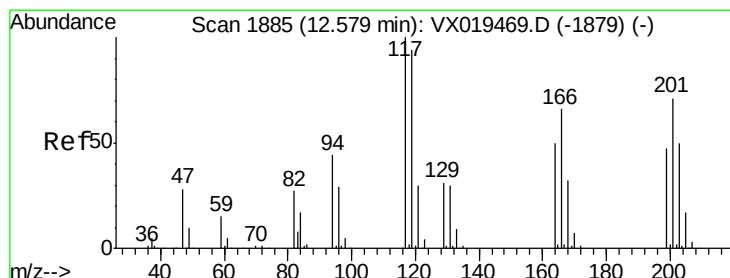
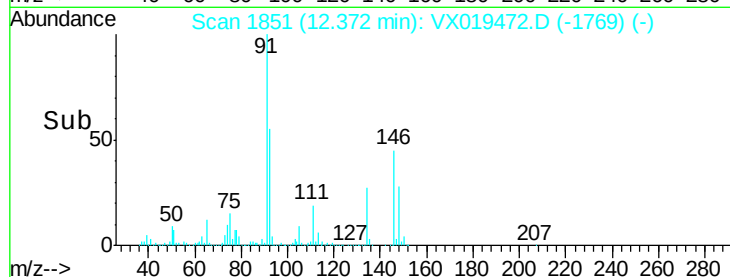
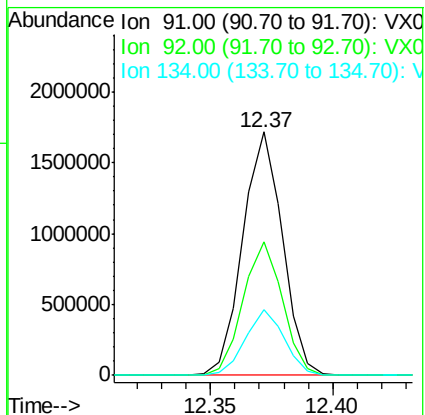
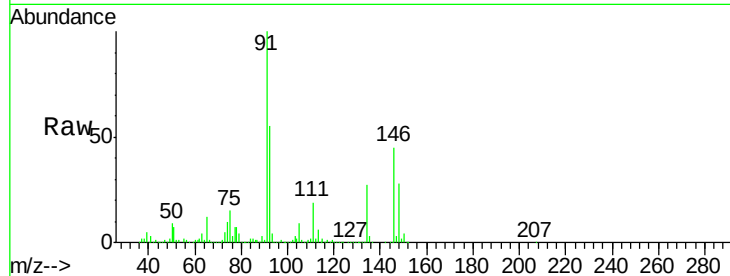
92 54.7 0.0 111.2

134 26.3 0.0 51.2

Manual Integrations
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#86

Hexachloroethane

Concen: 189.155 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019472.D

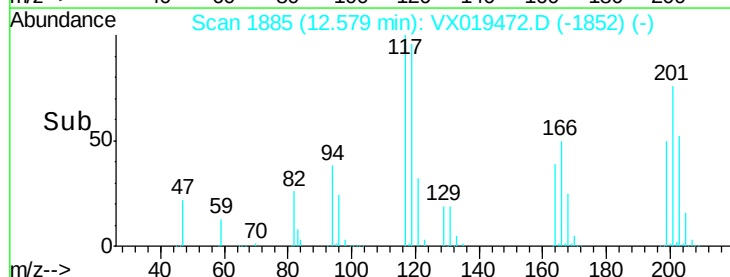
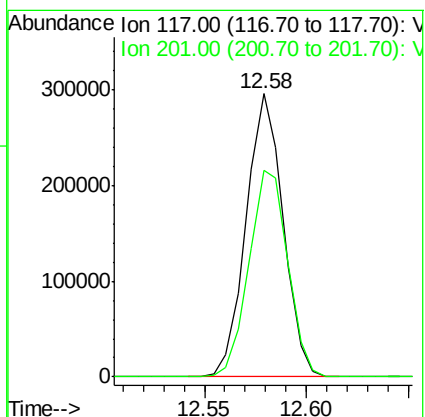
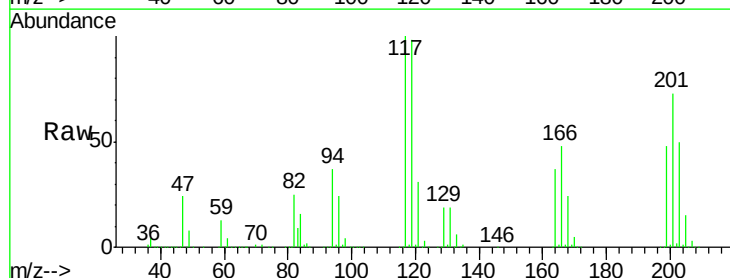
Acq: 19 Nov 2020 17:45

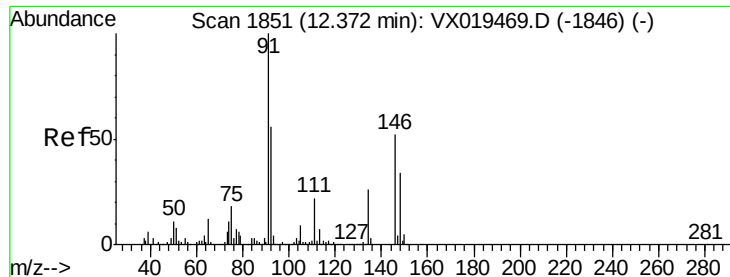
Tgt Ion: 117 Resp: 373182

Ion Ratio Lower Upper

117 100

201 76.8 38.4 115.1





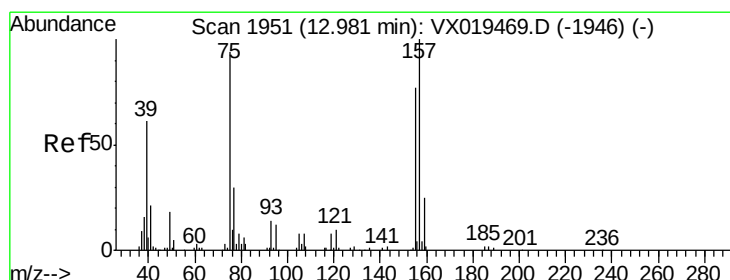
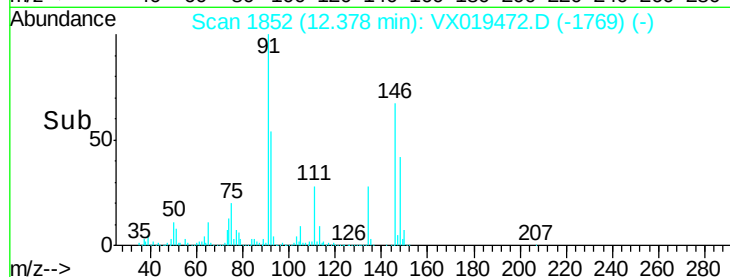
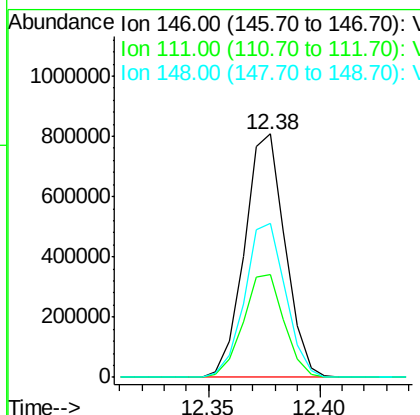
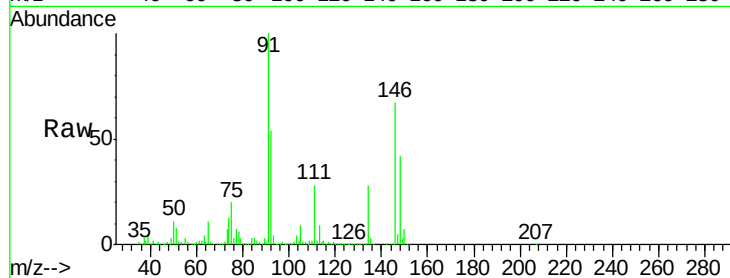
#87
 1,2-Dichlorobenzene
 Concen: 167.101 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	20.5	61.6
148	63.6	31.5	94.5

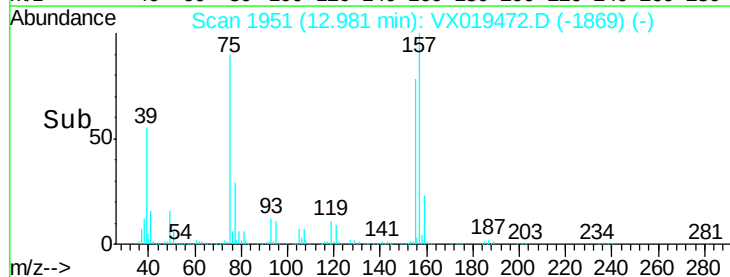
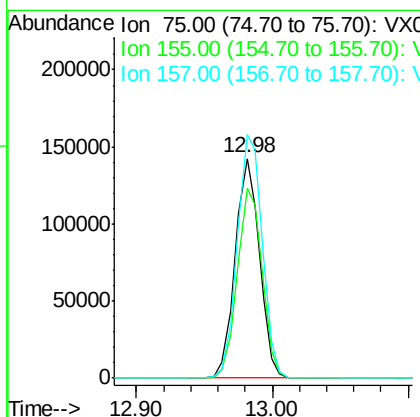
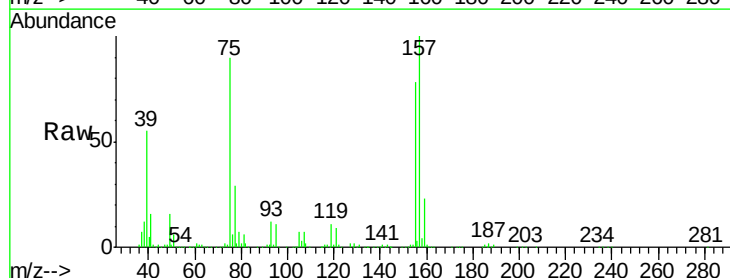
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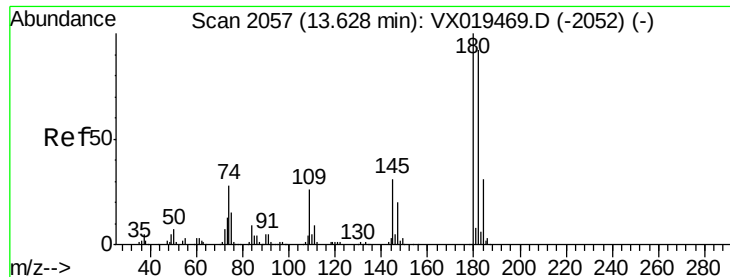
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 186.077 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019472.D
 Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.0	68.6	103.0
157	113.9	90.0	135.0





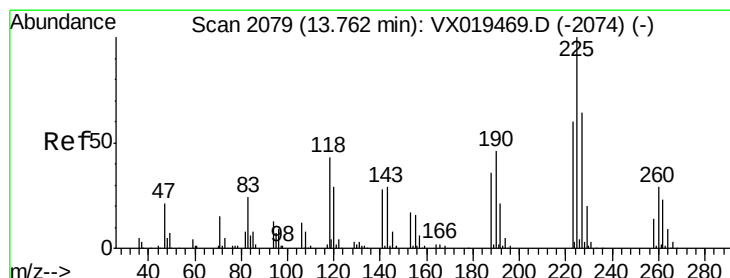
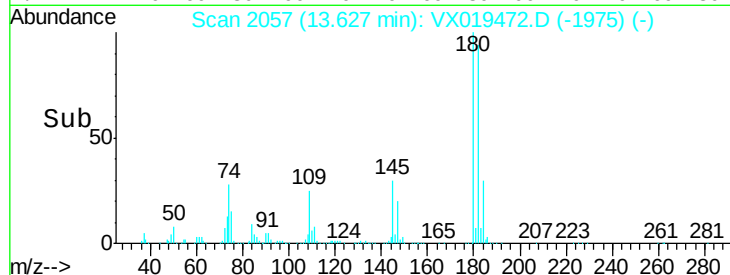
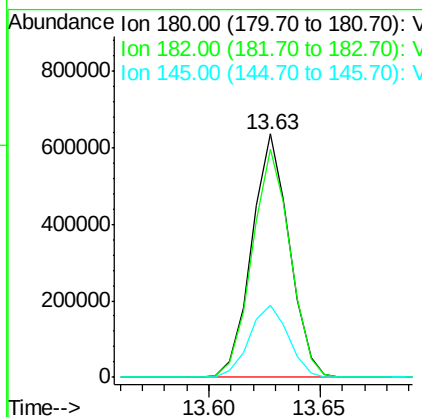
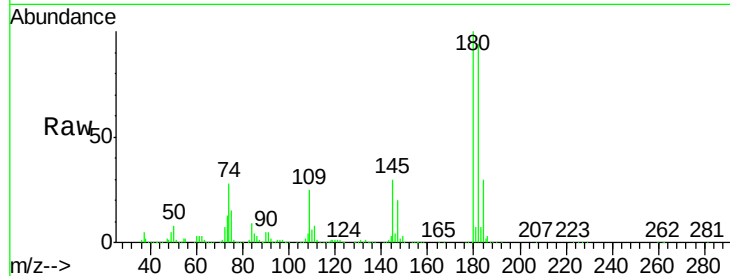
#89
1,2,4-Trichlorobenzene
Concen: 172.557 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.1	114.1
145	31.0	24.7	37.1

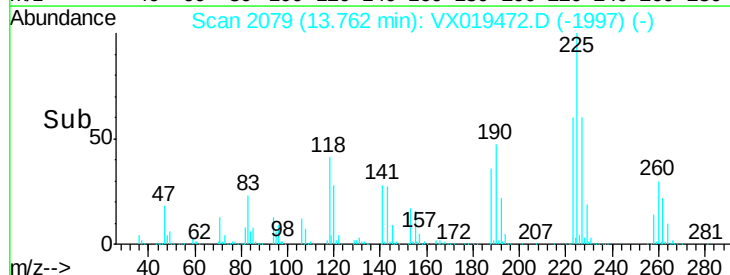
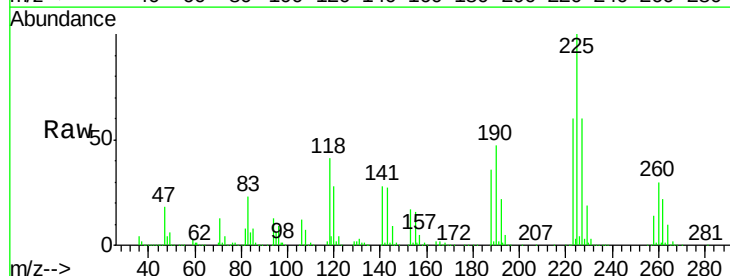
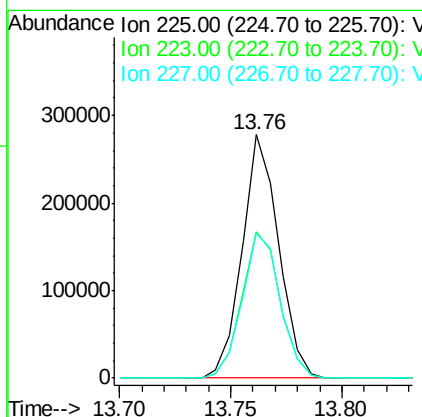
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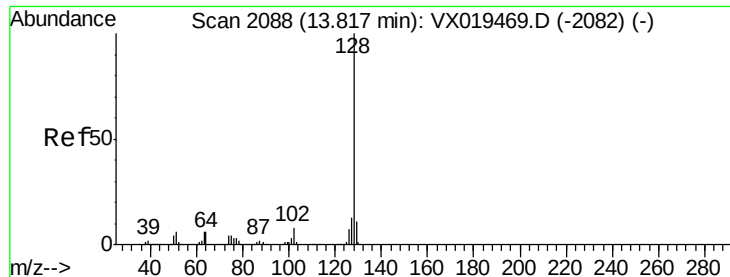
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#90
Hexachlorobutadiene
Concen: 168.857 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019472.D
Acq: 19 Nov 2020 17:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	119.2
227	62.0	0.0	126.4





#91

Naphthalene

Concen: 170.038 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2394778

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

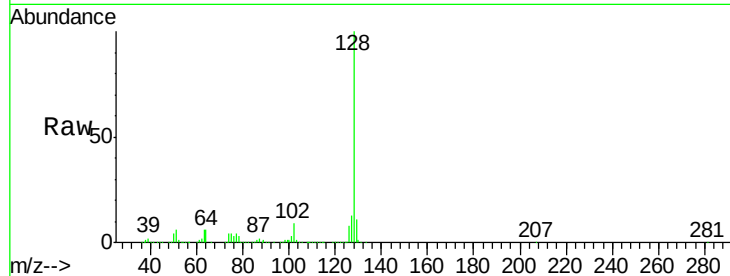
129 11.0 8.6 12.8

Manual Integrations

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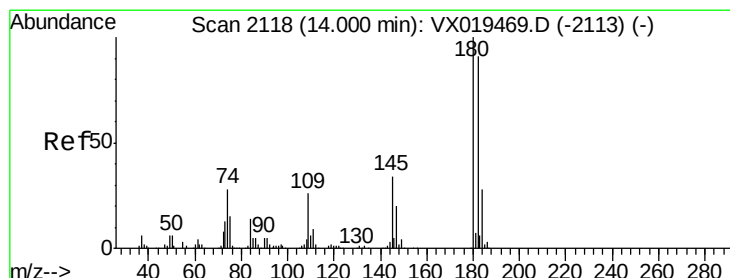
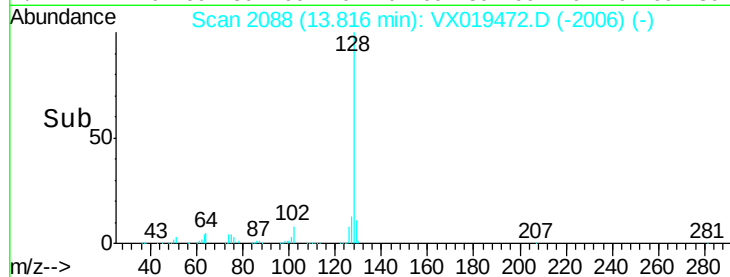
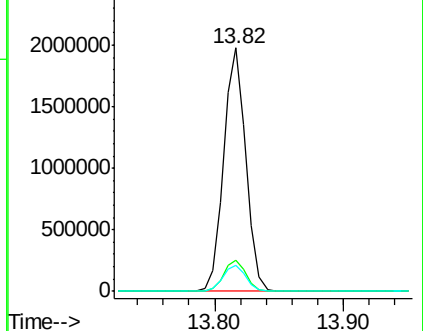
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Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 172.842 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019472.D

Acq: 19 Nov 2020 17:45

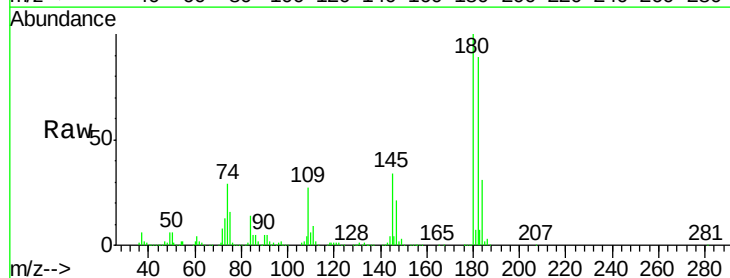
Tgt Ion:180 Resp: 726294

Ion Ratio Lower Upper

180 100

182 92.8 0.0 192.2

145 32.8 0.0 63.6



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

