

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019454.D
 Acq On : 18 Nov 2020 14:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:08 AM

Quant Time: Nov 18 16:45:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:21:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	222413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	383411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	355728	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176499	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	162796	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	5.46	113	120051	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
50) Toluene-d8	8.70	98	468221	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.12	95	174004	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	132603	66.565	ug/l	100
3) Chloromethane	1.31	50	156603	69.170	ug/l	100
4) Vinyl Chloride	1.39	62	159770	62.921	ug/l	100
5) Bromomethane	1.62	94	73843	45.659	ug/l	100
6) Chloroethane	1.69	64	53960	37.008	ug/l	100
7) Trichlorofluoromethane	1.90	101	218283	56.484	ug/l	100
8) Diethyl Ether	2.17	74	86741	58.163	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	119387	55.747	ug/l	100
10) Methyl Iodide	2.48	142	154665	67.643	ug/l	100
11) Tert butyl alcohol	3.05	59	165199	280.510	ug/l	100
12) 1,1-Dichloroethene	2.34	96	117608	53.552	ug/l	100
13) Acrolein	2.28	56	116314	362.574	ug/l	100
14) Allyl chloride	2.70	41	213519	62.150	ug/l	100
15) Acrylonitrile	3.12	53	393986	314.917	ug/l	100
16) Acetone	2.43	43	340114	323.021	ug/l	100
17) Carbon Disulfide	2.54	76	333710	49.997	ug/l	100
18) Methyl Acetate	2.75	43	165966	64.724	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	448503	58.286	ug/l	100
20) Methylene Chloride	2.83	84	146423	56.950	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	135952	53.734	ug/l	100
22) Diisopropyl ether	3.82	45	448347	65.051	ug/l	100
23) Vinyl Acetate	3.78	43	1960993	321.055	ug/l	100
24) 1,1-Dichloroethane	3.67	63	254726	60.243	ug/l	100
25) 2-Butanone	4.64	43	540627	326.839	ug/l	100
26) 2,2-Dichloropropane	4.54	77	222138	56.657	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	154262	54.578	ug/l	100
28) Bromochloromethane	4.98	49	116546	59.749	ug/l	100
29) Tetrahydrofuran	5.09	42	344500	331.127	ug/l	100
30) Chloroform	5.17	83	260440	58.414	ug/l	100
31) Cyclohexane	5.54	56	220630	58.240	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	229524	57.074	ug/l	100
36) 1,1-Dichloropropene	5.76	75	194143	53.817	ug/l	100
37) Ethyl Acetate	4.80	43	209174	61.070	ug/l	100
38) Carbon Tetrachloride	5.74	117	194310	53.317	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	225957	52.871	ug/l	100
40) Benzene	6.11	78	583063	56.641	ug/l	100
41) Methacrylonitrile	5.00	41	111892	60.701	ug/l	100
42) 1,2-Dichloroethane	6.16	62	222727	58.296	ug/l	100
43) Isopropyl Acetate	6.42	43	338491	59.339	ug/l	100
44) Trichloroethene	7.18	130	144877	50.184	ug/l	100
45) 1,2-Dichloropropane	7.49	63	152148	59.654	ug/l	100
46) Dibromomethane	7.63	93	101795	54.841	ug/l	100
47) Bromodichloromethane	7.87	83	204210	56.017	ug/l	100
48) Methyl methacrylate	7.74	41	168806	61.221	ug/l	100
49) 1,4-Dioxane	7.72	88	68143	1131.329	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1056430	318.757	ug/l	100
52) Toluene	8.76	92	369850	55.936	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	228962	54.950	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	247897	56.379	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	147494	56.398	ug/l	100
56) Ethyl methacrylate	9.16	69	223450	56.917	ug/l	100
57) 1,3-Dichloropropane	9.35	76	256728	57.867	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	629474	283.032	ug/l	100
59) 2-Hexanone	9.48	43	811486	320.808	ug/l	100
60) Dibromochloromethane	9.56	129	149345	53.620	ug/l	100
61) 1,2-Dibromoethane	9.65	107	153793	55.217	ug/l	100
64) Tetrachloroethene	9.32	164	142116	51.815	ug/l	100
65) Chlorobenzene	10.12	112	375938	51.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	140897	53.351	ug/l	100
67) Ethyl Benzene	10.23	91	705019	53.682	ug/l	100
68) m/p-Xylenes	10.34	106	524492	106.772	ug/l	100
69) o-Xylene	10.68	106	247881	53.191	ug/l	100
70) Styrene	10.70	104	421742	53.087	ug/l	100
71) Bromoform	10.84	173	101246	49.279	ug/l #	100
73) Isopropylbenzene	11.00	105	672628	53.181	ug/l	100
74) N-amyl acetate	10.88	43	288358	60.815	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	226815	56.690	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	215094m	57.445	ug/l	
77) Bromobenzene	11.24	156	152358	49.341	ug/l	100
78) n-propylbenzene	11.34	91	781869	54.005	ug/l	100
79) 2-Chlorotoluene	11.40	91	468290	54.697	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	580049	54.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	74131	52.802	ug/l	100
82) 4-Chlorotoluene	11.49	91	557622	53.393	ug/l	100
83) tert-Butylbenzene	11.76	119	524130	51.675	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	585839	54.168	ug/l	100
85) sec-Butylbenzene	11.93	105	651602	53.179	ug/l	100
86) p-Isopropyltoluene	12.05	119	596279	52.906	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	292491	50.367	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	298048	49.206	ug/l	100
89) n-Butylbenzene	12.37	91	551865	51.971	ug/l	100
90) Hexachloroethane	12.58	117	97383	51.372	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	291530	52.030	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52977	54.618	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	184294	44.795	ug/l	100
94) Hexachlorobutadiene	13.76	225	81242	44.706	ug/l	100
95) Naphthalene	13.82	128	649268	49.354	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	183716	45.828	ug/l	100

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

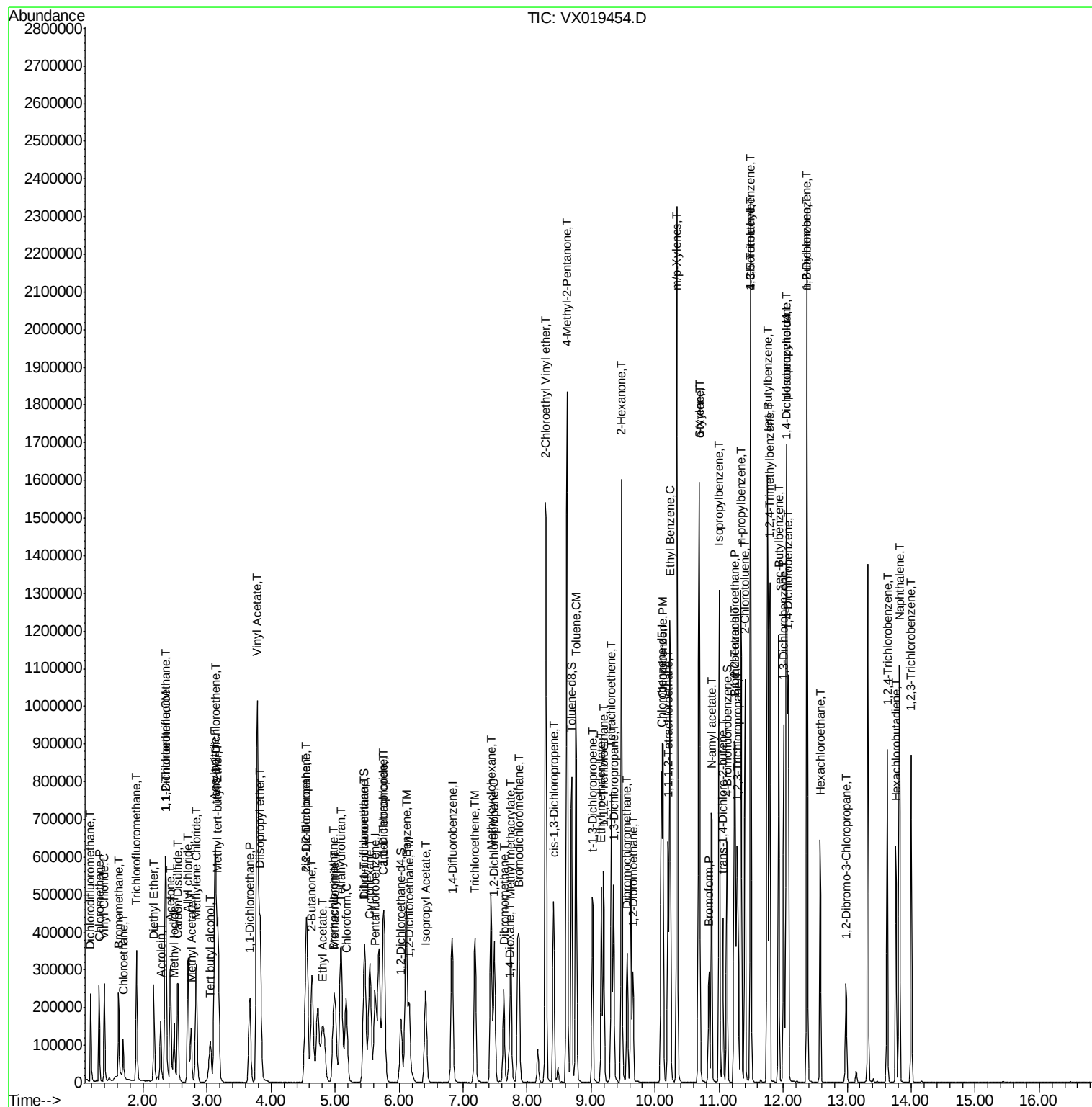
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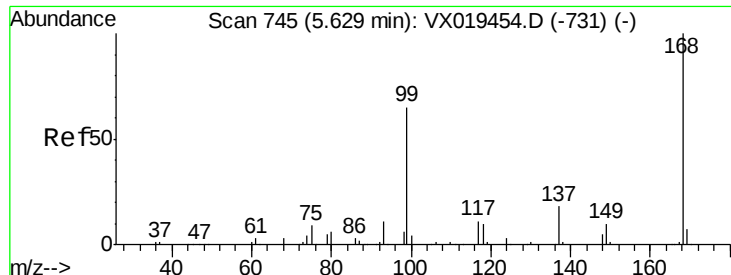
Instrument :
 MSVOA_X
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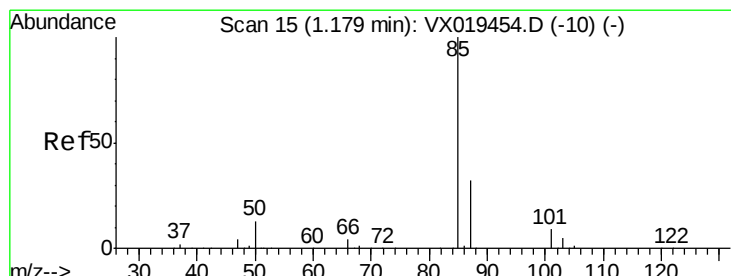
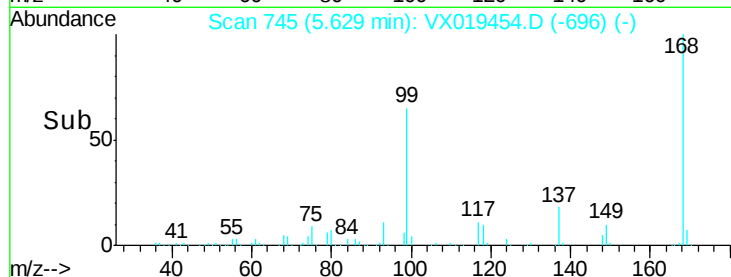
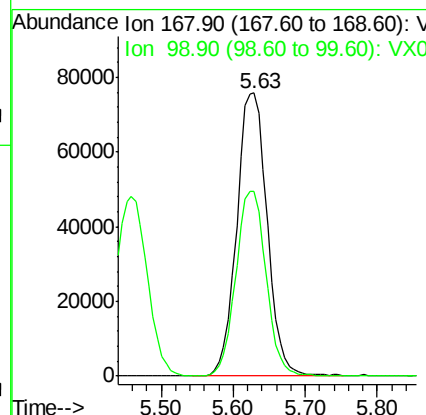
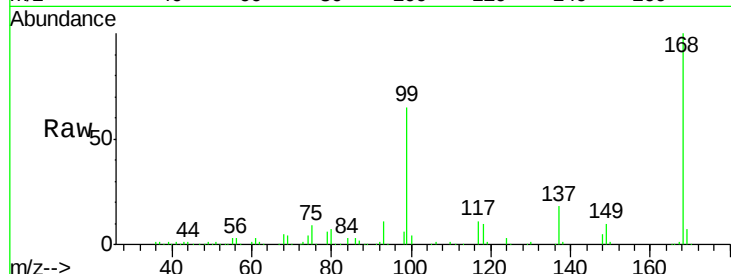
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	65.1	52.1	78.1

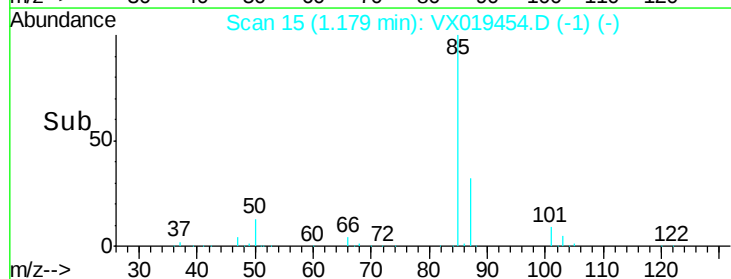
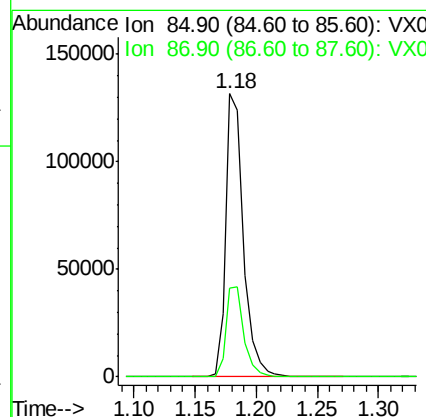
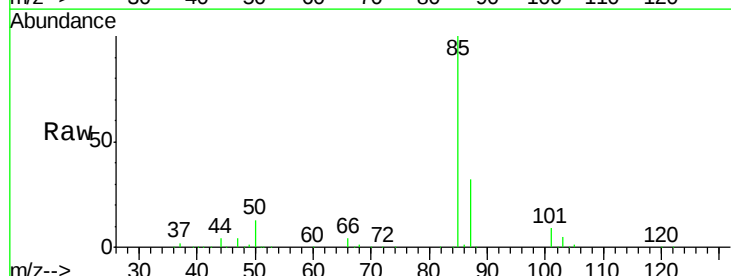
Manual Integrations
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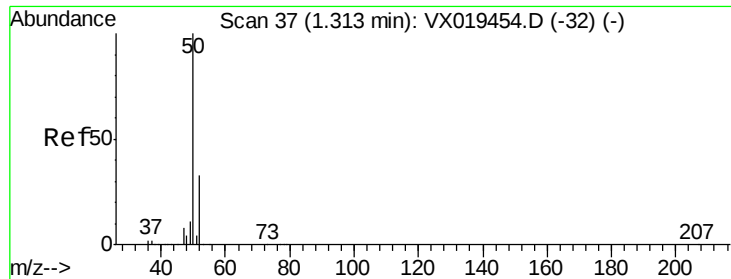
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#2
Dichlorodifluoromethane
Concen: 66.565 ug/l
RT: 1.18 min Scan# 15
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.8	47.4





#3

Chloromethane

Concen: 69.170 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 156603

Ion Ratio Lower Upper

50 100

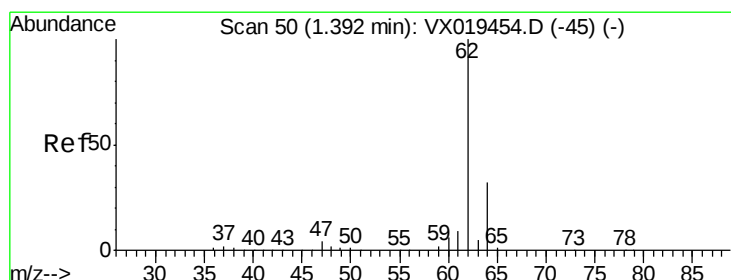
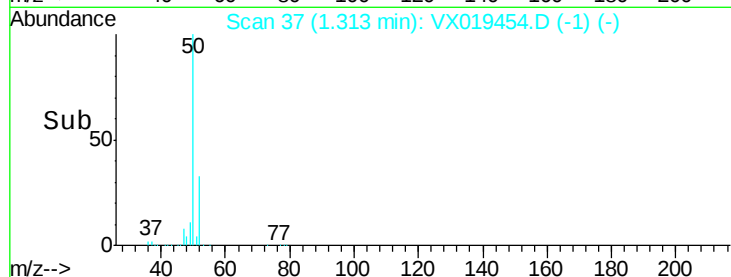
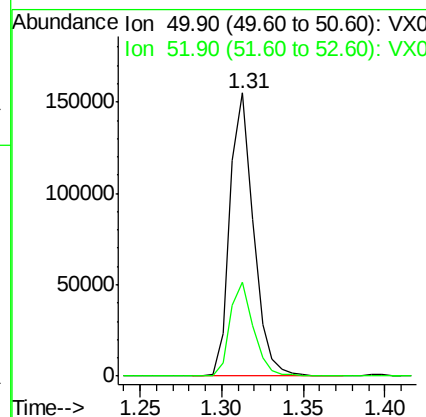
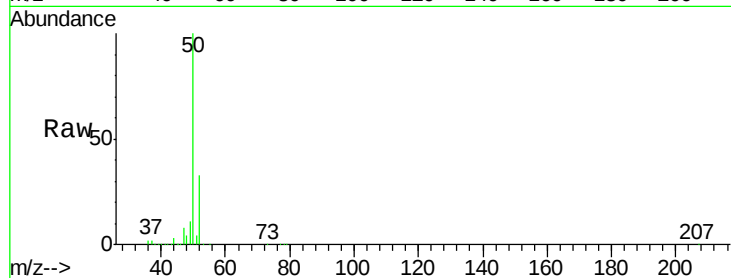
52 33.0 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 62.921 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019454.D

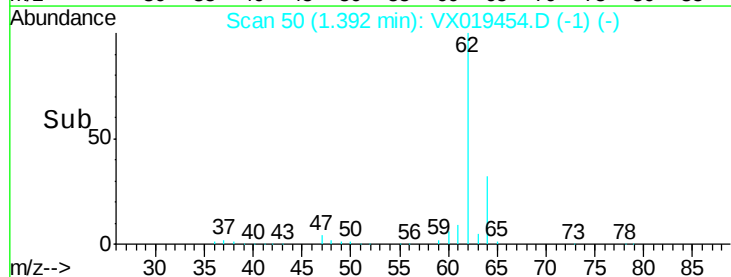
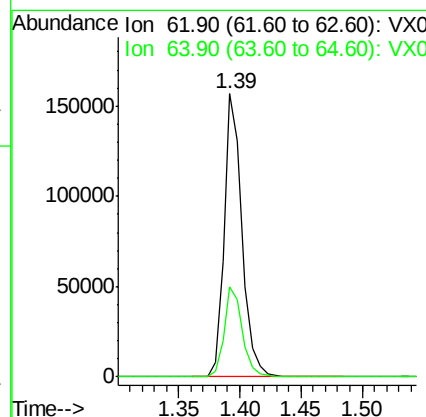
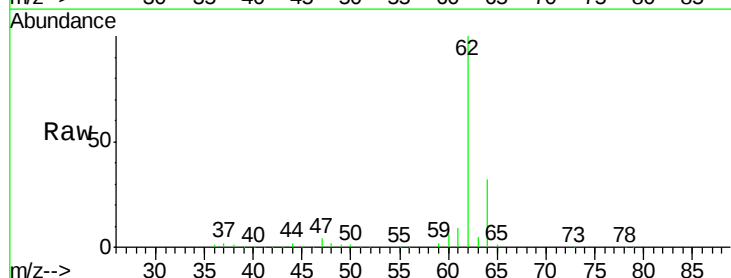
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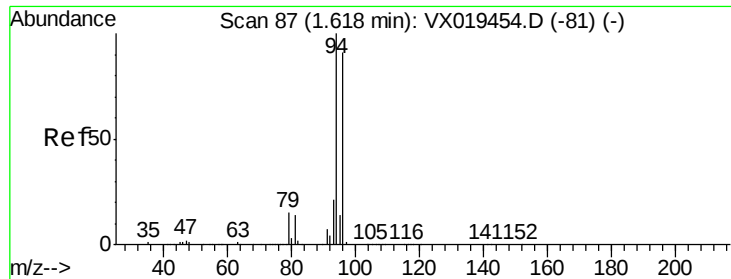
Tgt Ion: 62 Resp: 159770

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 45.659 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 73843

Ion Ratio Lower Upper

94 100

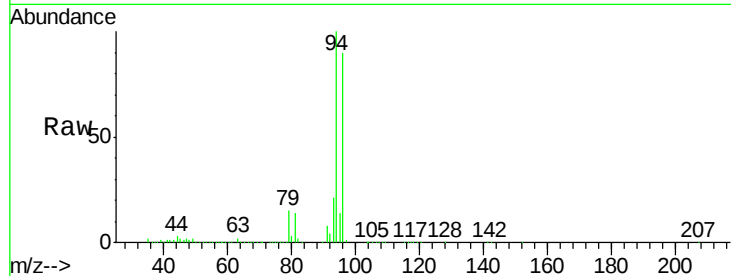
96 90.5 72.4 108.6

Manual Integrations

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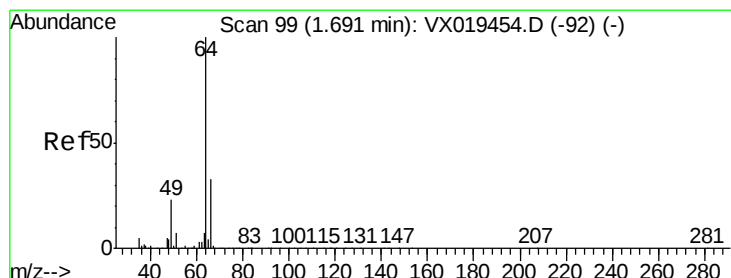
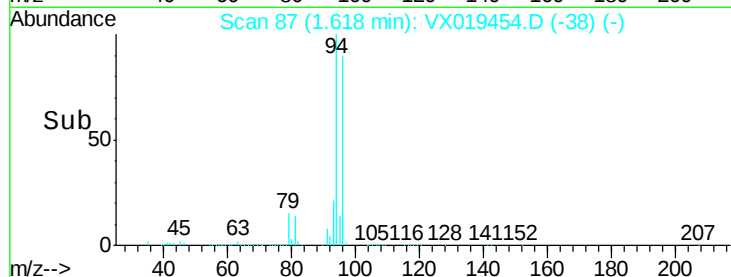
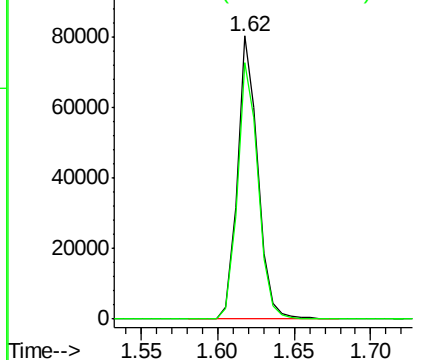
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 37.008 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019454.D

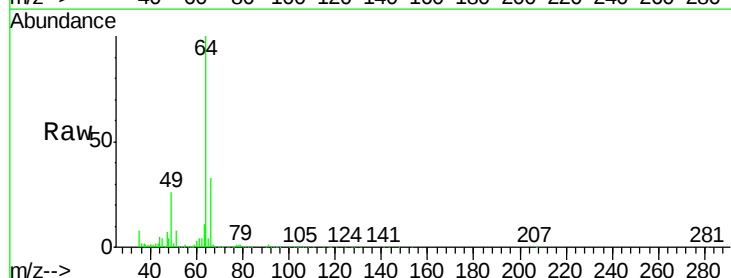
Acq: 18 Nov 2020 14:39

Tgt Ion: 64 Resp: 53960

Ion Ratio Lower Upper

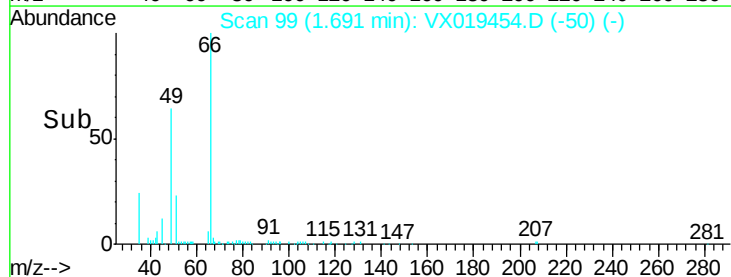
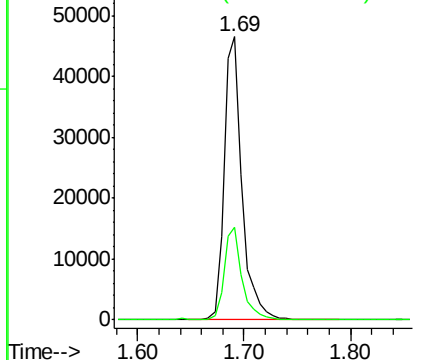
64 100

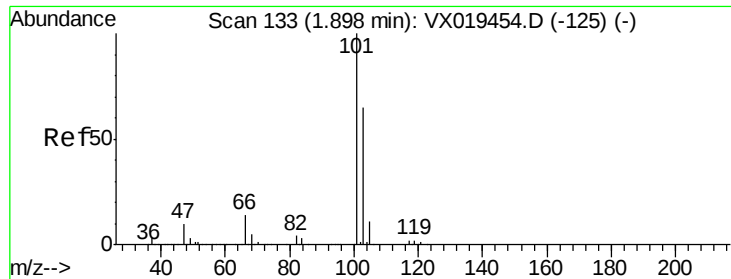
66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

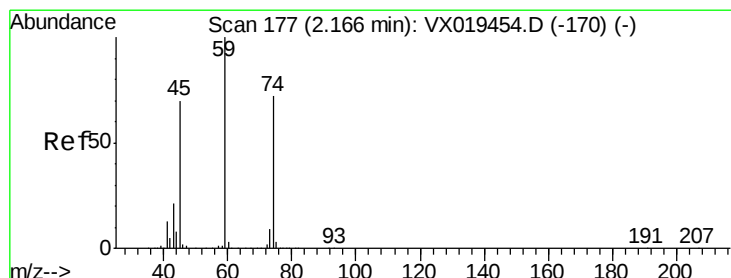
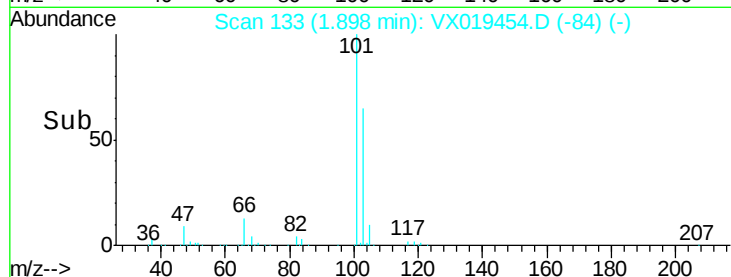
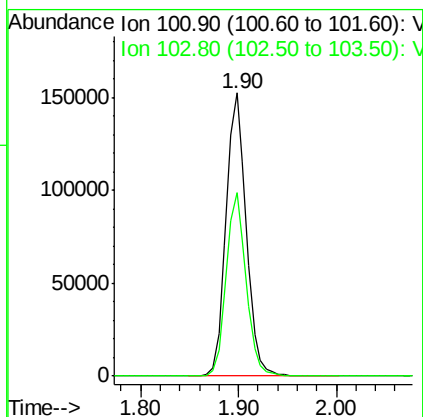
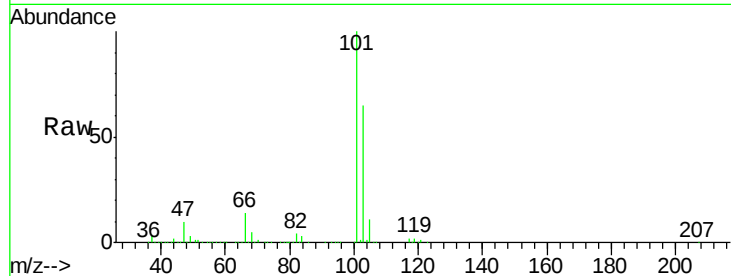
Trichlorofluoromethane
Concen: 56.484 ug/l
RT: 1.90 min Scan# 133
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	218283		
103	64.8	51.8	77.8	

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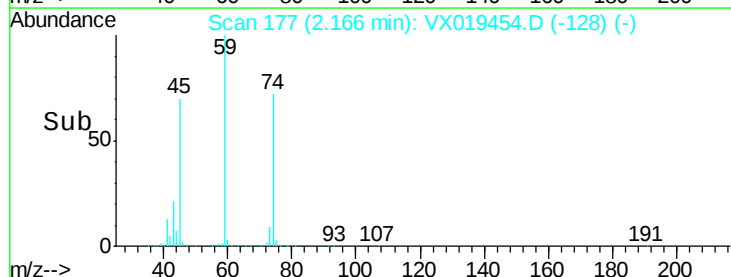
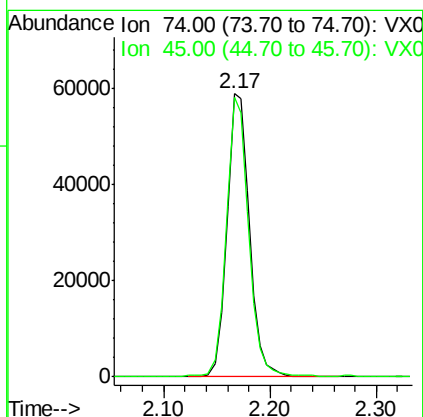
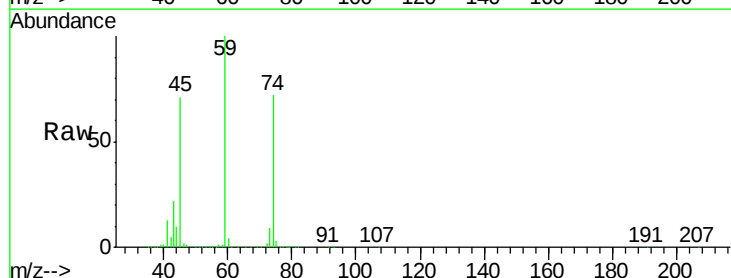
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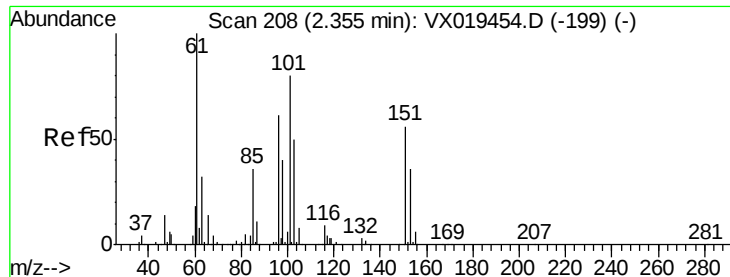


#8

Diethyl Ether
Concen: 58.163 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	86741		
45	97.5	48.8	146.3	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.747 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

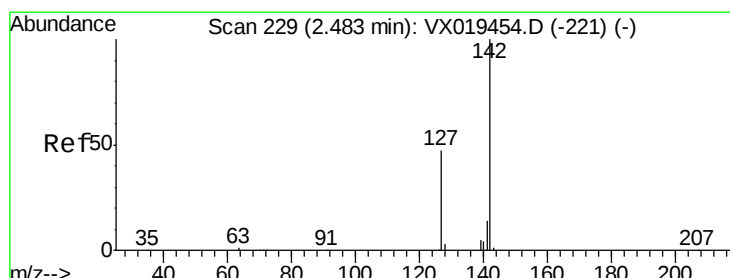
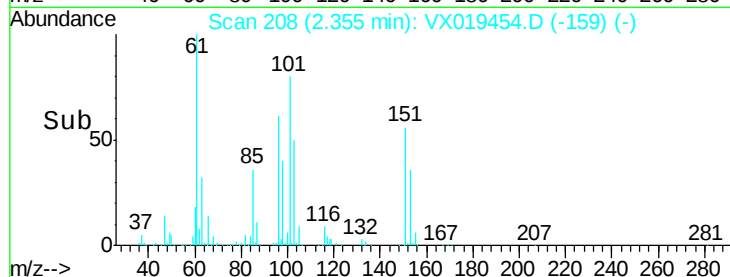
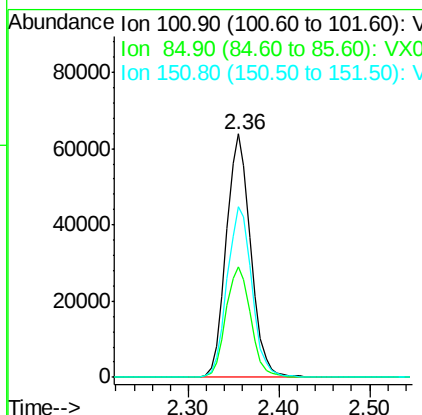
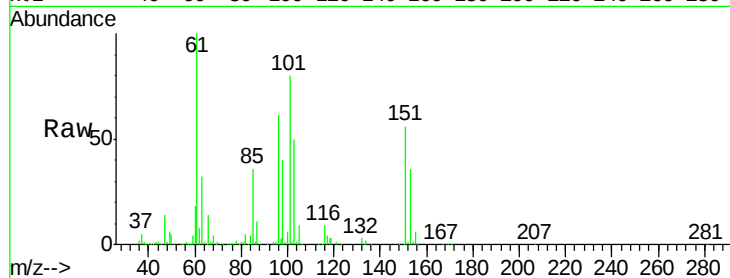
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	119387
Ion Ratio	Lower	Upper	
101	100		
85	46.1	36.9	55.3
151	71.0	56.8	85.2

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#10

Methyl Iodide

Concen: 67.643 ug/l

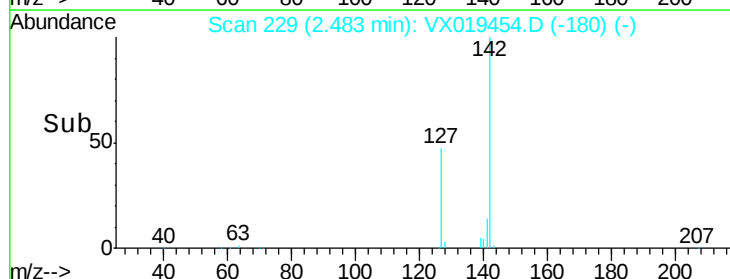
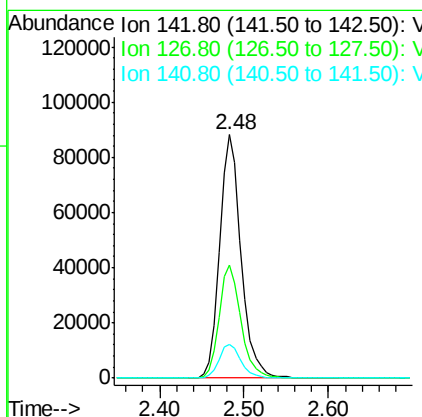
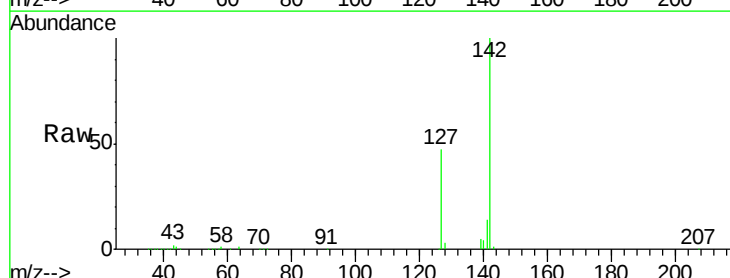
RT: 2.48 min Scan# 229

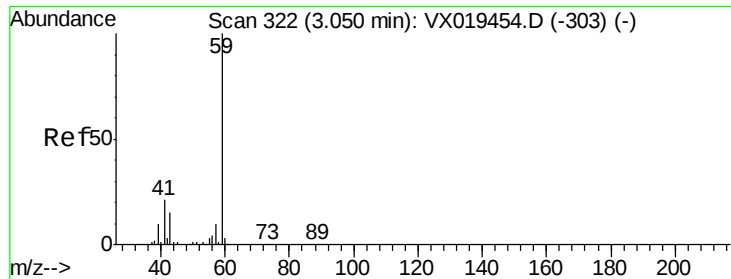
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	142	Resp:	154665
Ion Ratio	Lower	Upper	
142	100		
127	47.2	37.8	56.6
141	14.3	11.4	17.2





#11

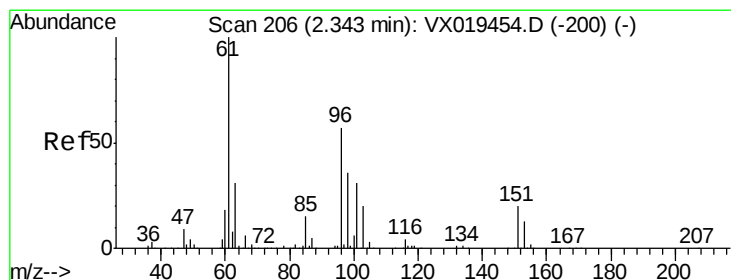
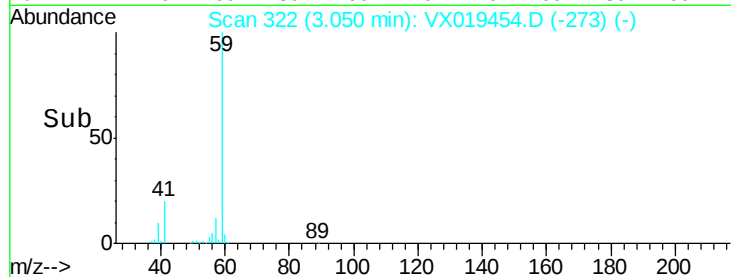
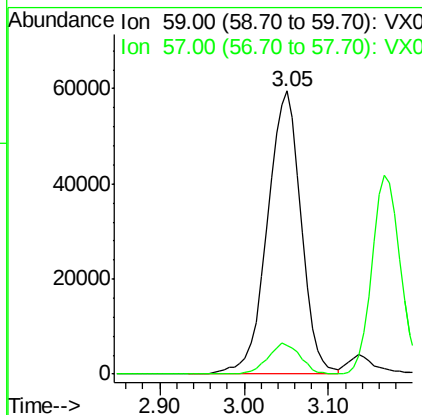
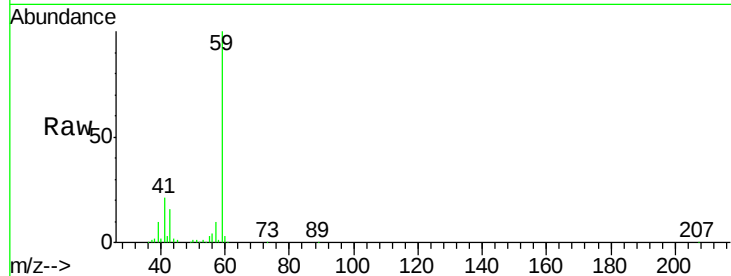
Tert butyl alcohol
 Concen: 280.510 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	59	Resp	165199
Ion Ratio	100	Lower	Upper
57	10.5	8.4	12.6

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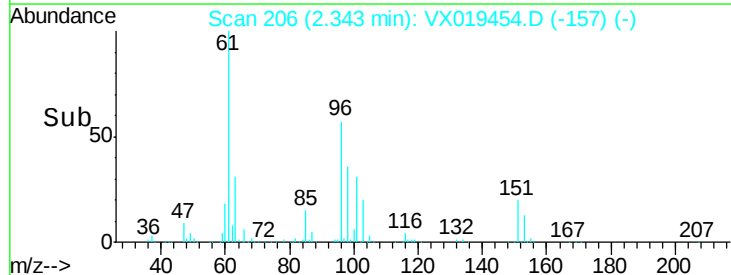
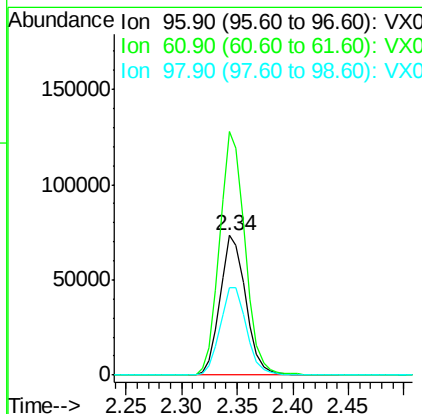
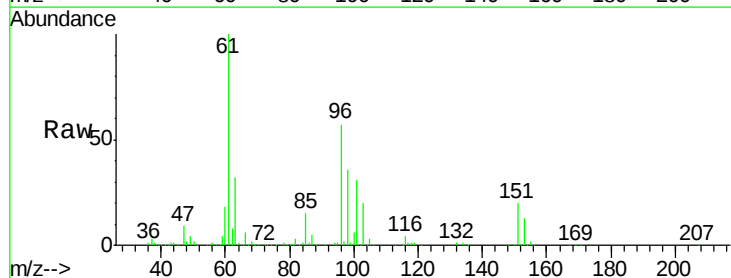
MMDadoda
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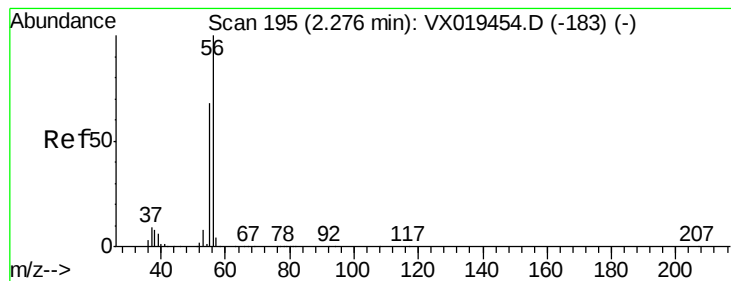


#12

1,1-Dichloroethene
 Concen: 53.552 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	96	Resp	117608
Ion Ratio	100	Lower	Upper
61	174.0	139.2	208.8
98	62.9	50.3	75.5





#13

Acrolein

Concen: 362.574 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 116314

Ion Ratio Lower Upper

56 100

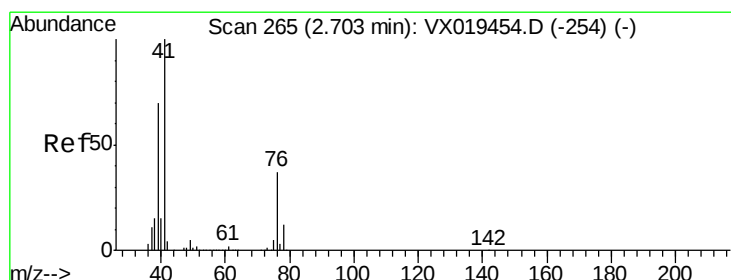
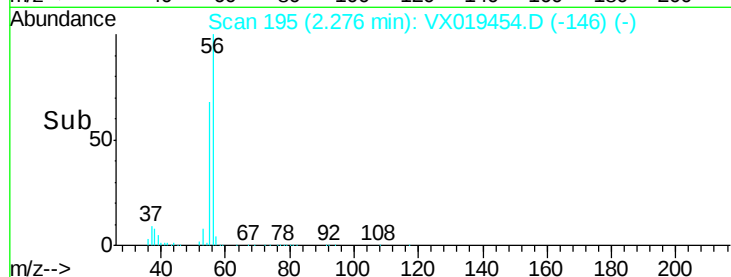
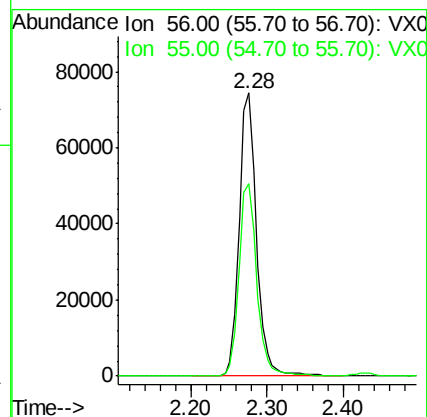
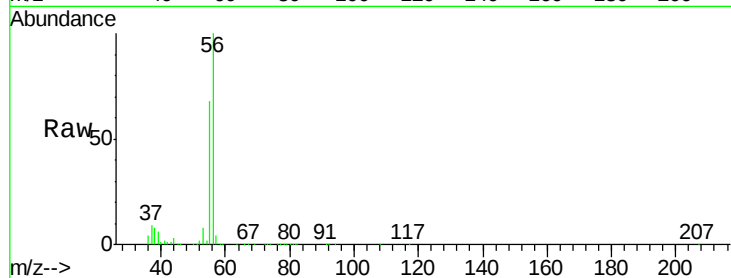
55 69.9 55.9 83.9

Manual Integrations

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#14

Allyl chloride

Concen: 62.150 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

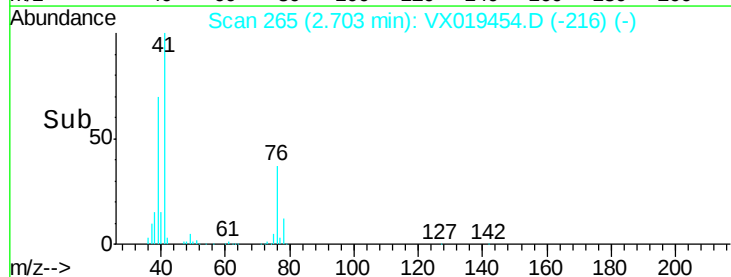
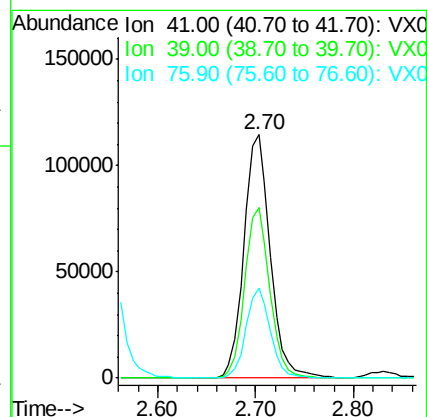
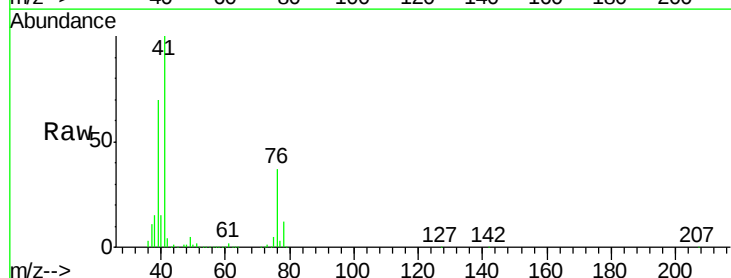
Tgt Ion: 41 Resp: 213519

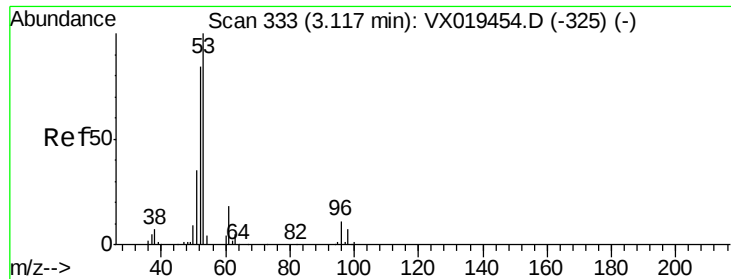
Ion Ratio Lower Upper

41 100

39 66.5 53.2 79.8

76 34.4 27.5 41.3





#15

Acrylonitrile

Concen: 314.917 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

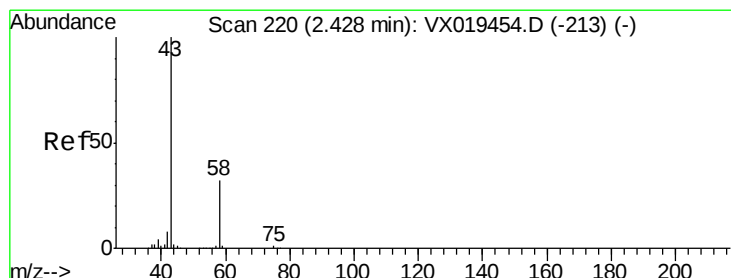
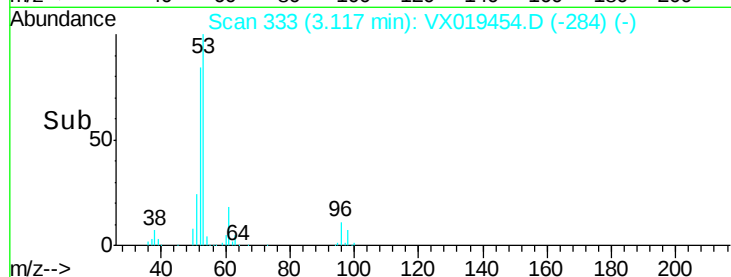
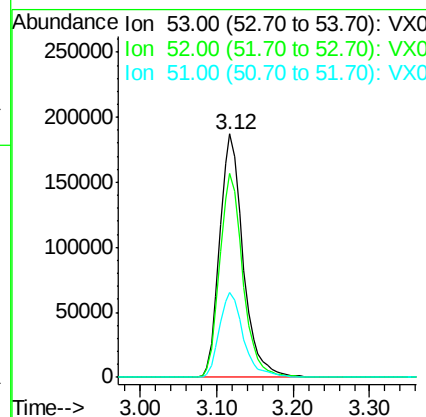
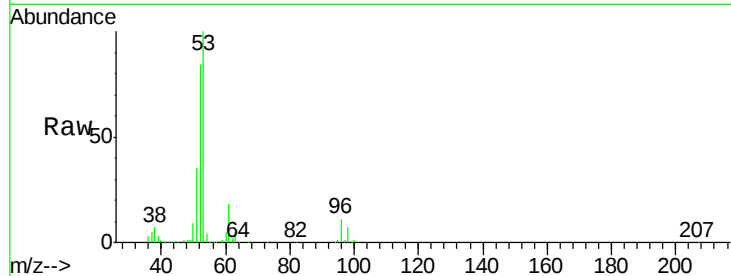
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	393986
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.3	99.5
51	35.6	28.5	42.7

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#16

Acetone

Concen: 323.021 ug/l

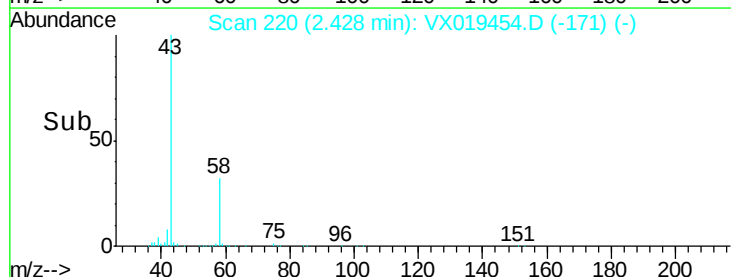
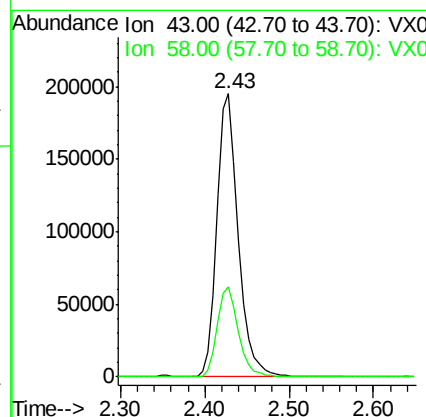
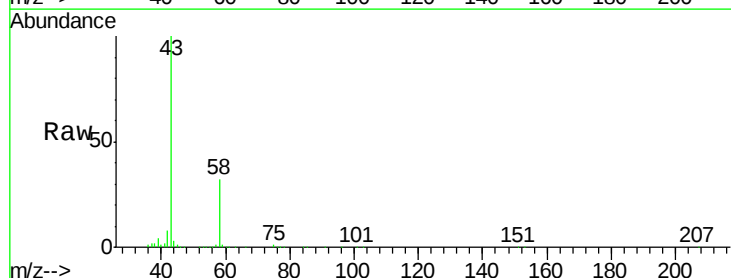
RT: 2.43 min Scan# 220

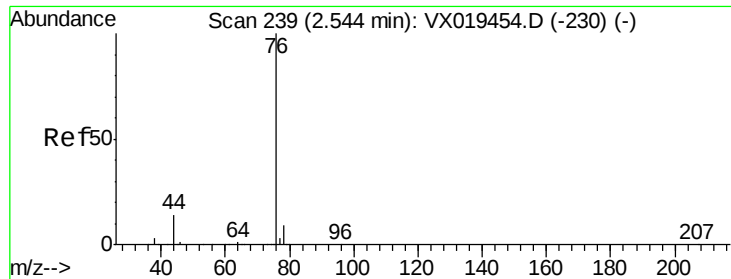
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	43	Resp:	340114
Ion Ratio		Lower	Upper
43	100		
58	31.7	25.4	38.0





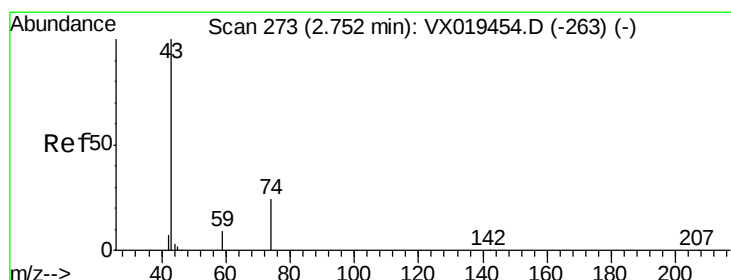
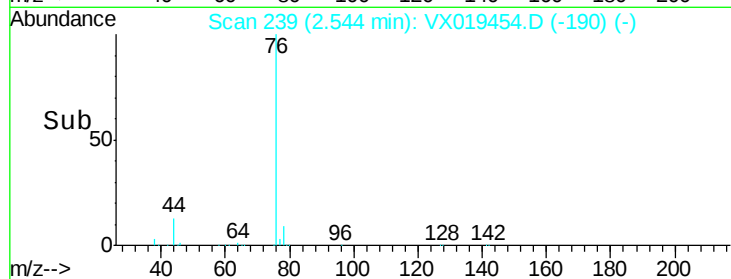
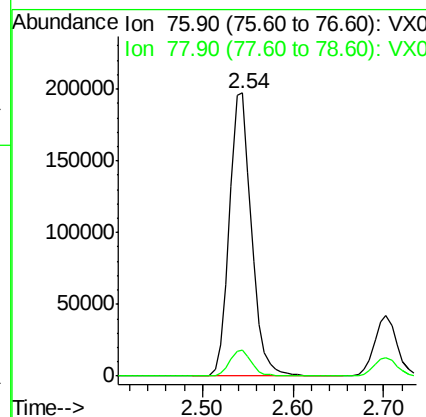
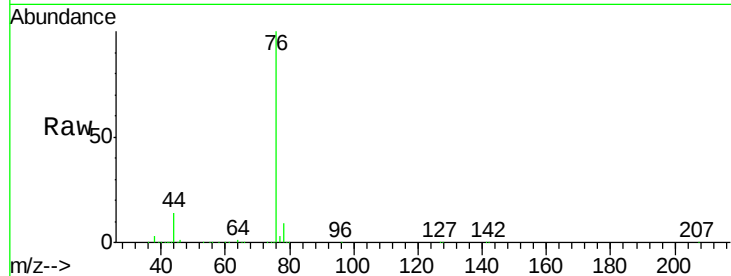
#17
Carbon Disulfide
Concen: 49.997 ug/l
RT: 2.54 min Scan# 239
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

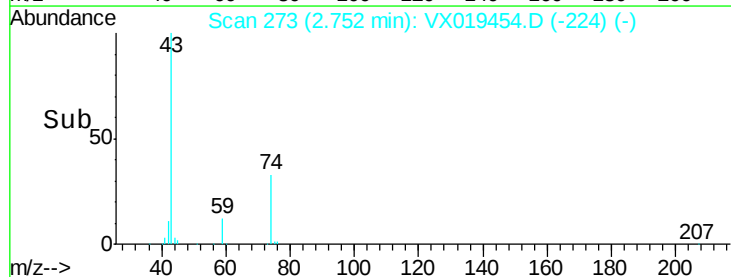
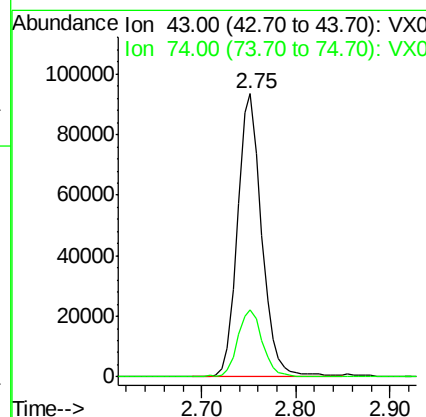
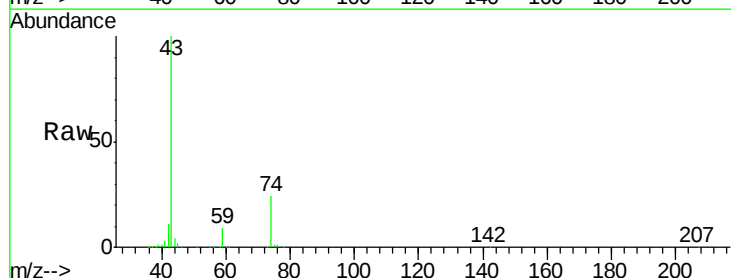
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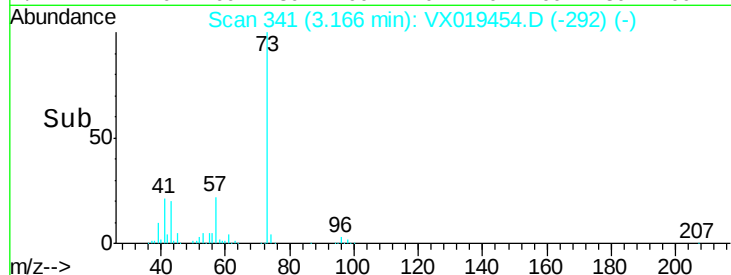
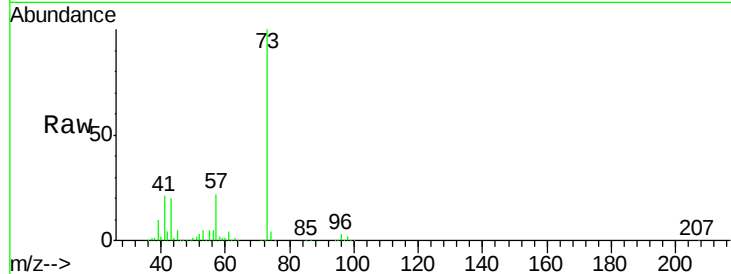
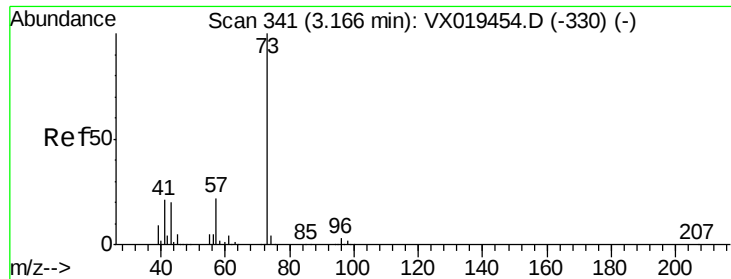
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#18
Methyl Acetate
Concen: 64.724 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.9	19.9	29.9





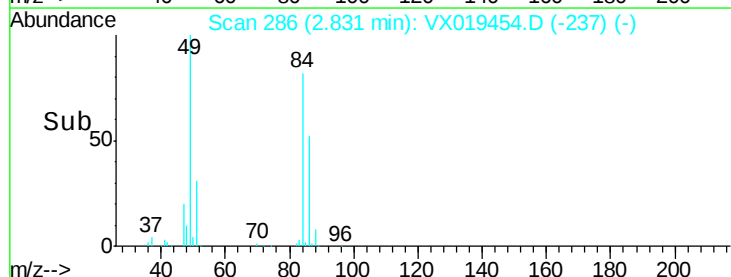
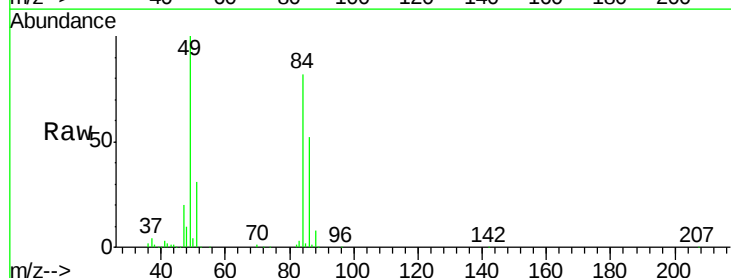
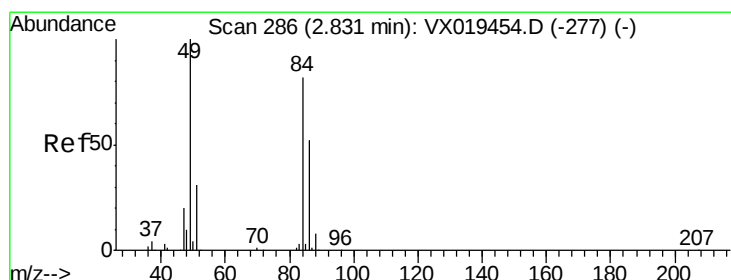
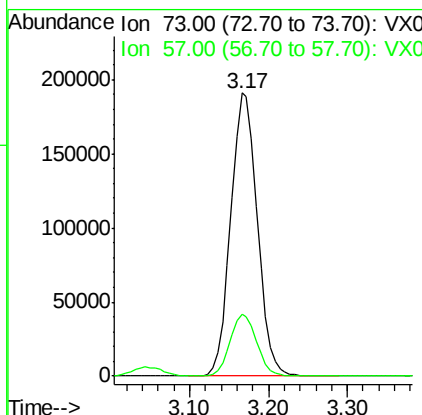
#19
Methyl tert-butyl Ether
Concen: 58.286 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tot Ion	73	Resp	448503
Ion Ratio	100	Lower	Upper
73	100		
57	21.9	17.5	26.3

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

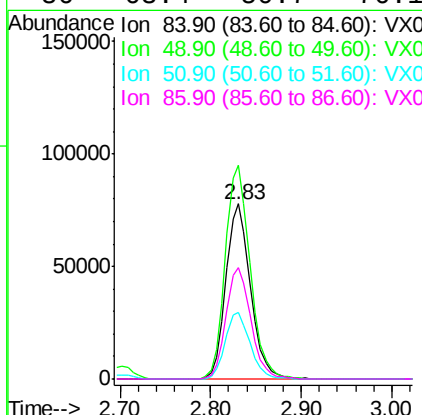
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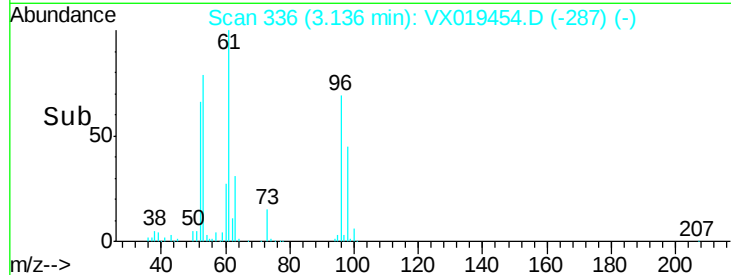
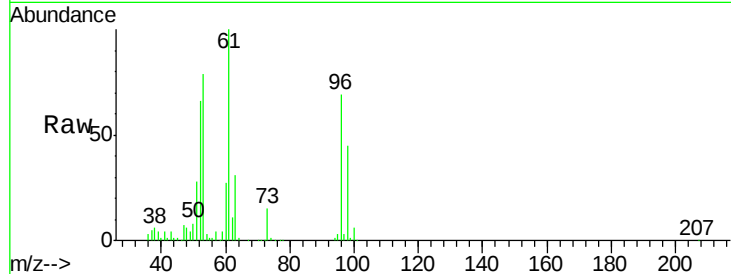
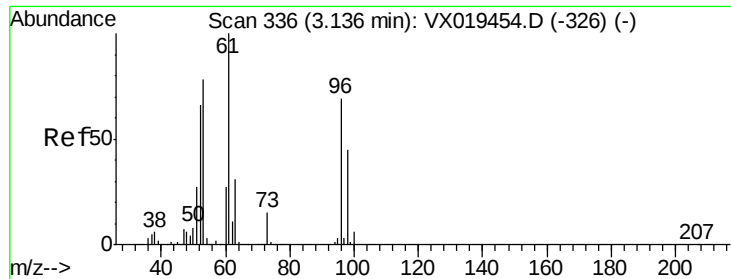
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#20
Methylene Chloride
Concen: 56.950 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	84	Resp	146423
Ion Ratio	100	Lower	Upper
84	100		
49	122.0	97.6	146.4
51	38.2	30.6	45.8
86	63.4	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 53.734 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019454.D

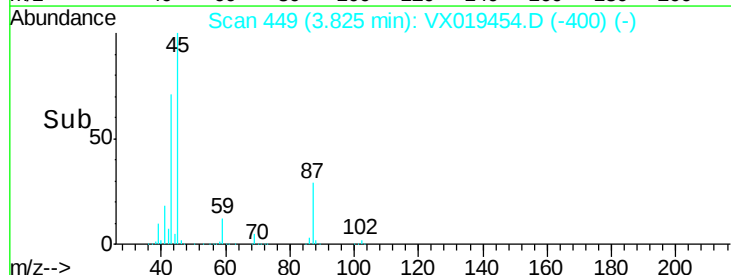
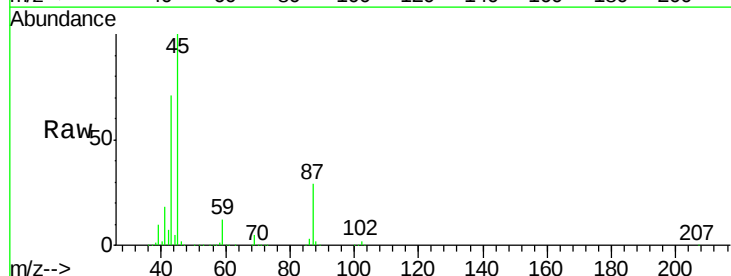
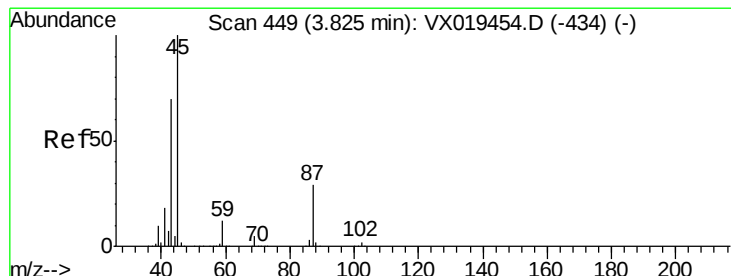
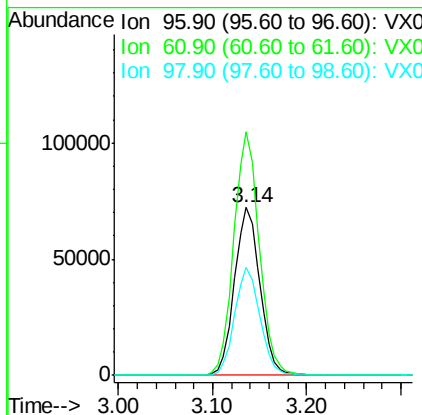
Acq: 18 Nov 2020 14:39

Tot Ion:	96	Resp:	135952
Ion	Ratio	Lower	Upper
96	100		
61	145.0	116.0	174.0
98	64.7	51.8	77.6

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

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#22

Diisopropyl ether

Concen: 65.051 ug/l

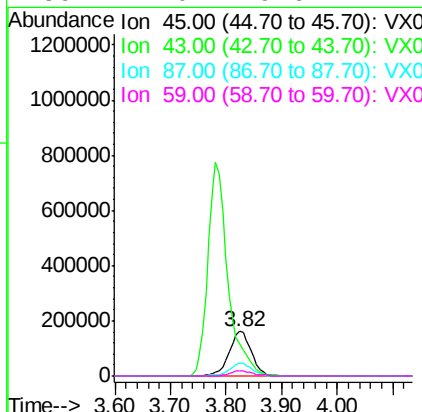
RT: 3.82 min Scan# 449

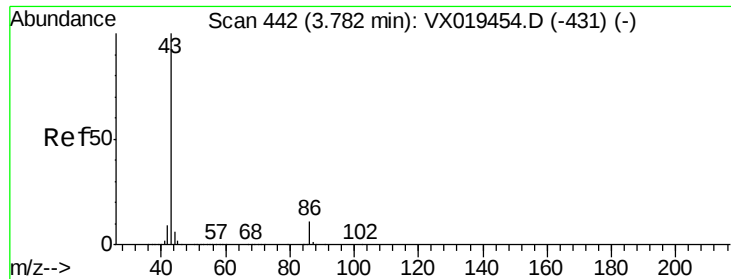
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	45	Resp:	448347
Ion	Ratio	Lower	Upper
45	100		
43	70.7	56.6	84.8
87	28.6	22.9	34.3
59	12.0	9.6	14.4





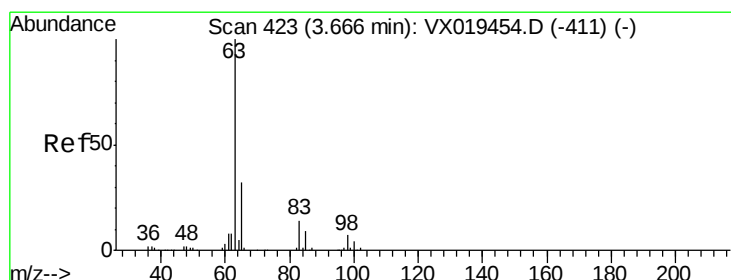
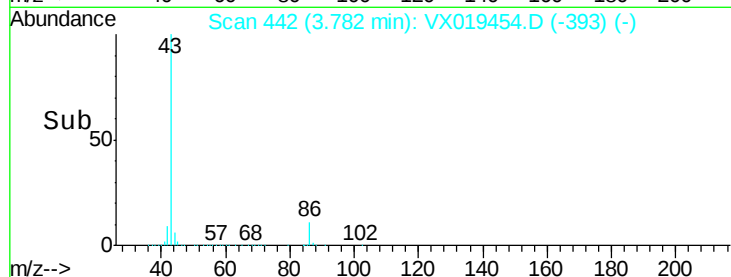
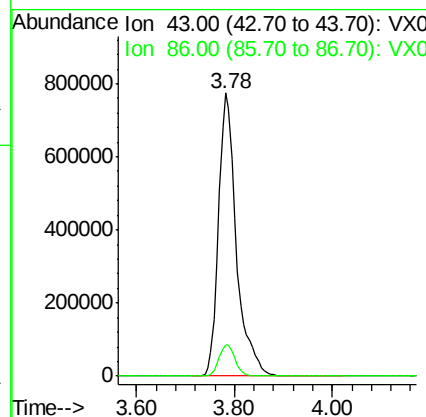
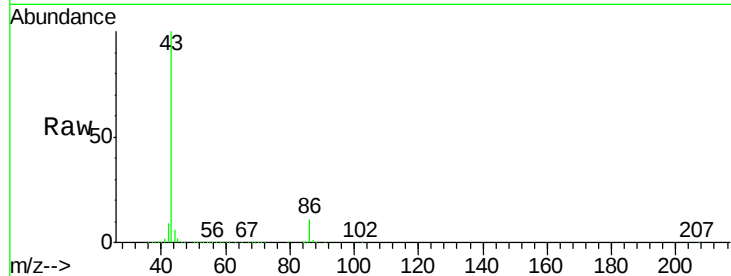
#23
 Vinyl Acetate
 Concen: 321.055 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 1960993
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2

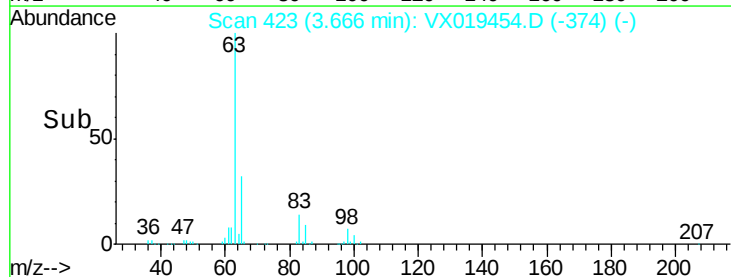
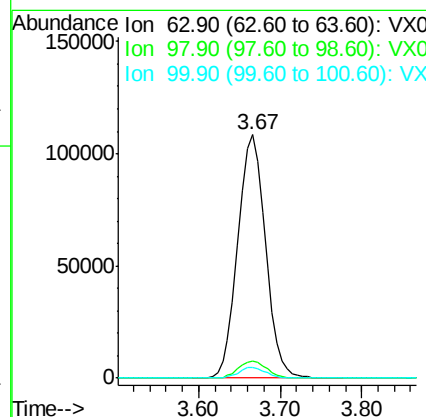
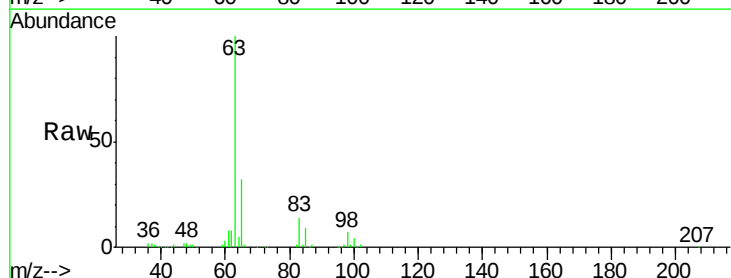
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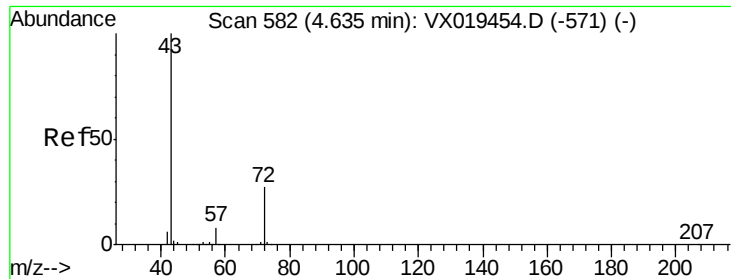
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#24
 1,1-Dichloroethane
 Concen: 60.243 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion: 63 Resp: 254726
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 4.4 2.2 6.6





#25

2-Butanone

Concen: 326.839 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 540627

Ion Ratio Lower Upper

43 100

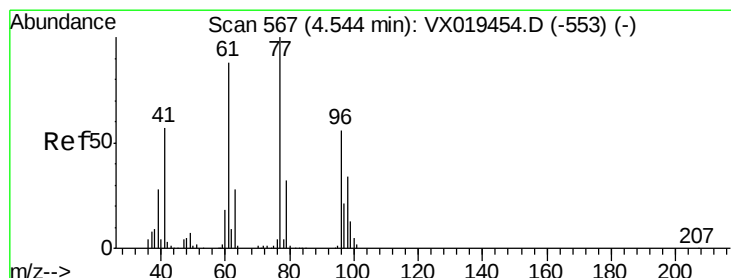
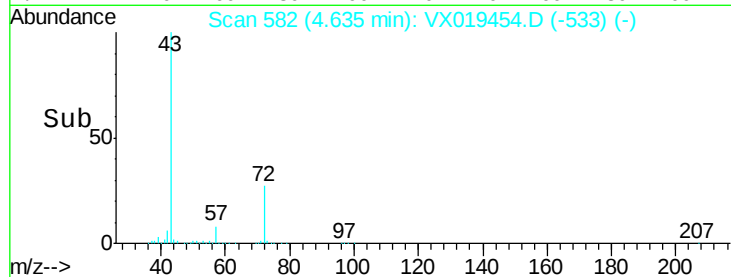
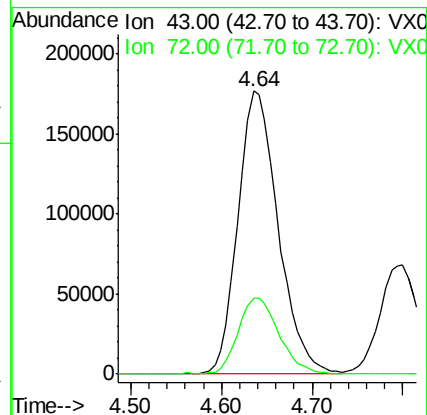
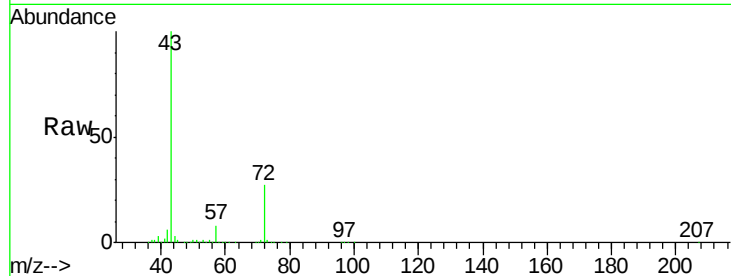
72 26.7 21.4 32.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 56.657 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019454.D

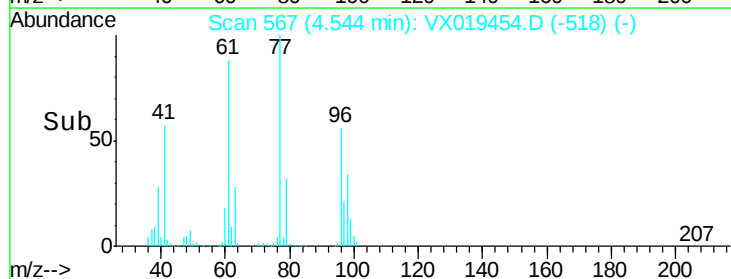
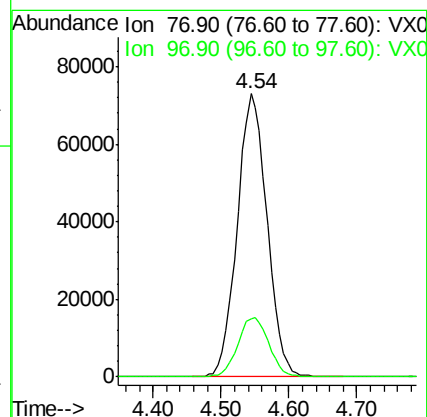
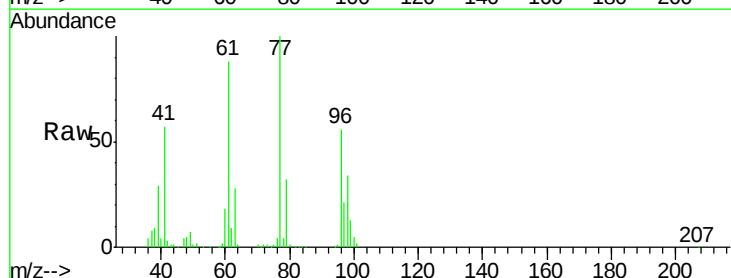
Acq: 18 Nov 2020 14:39

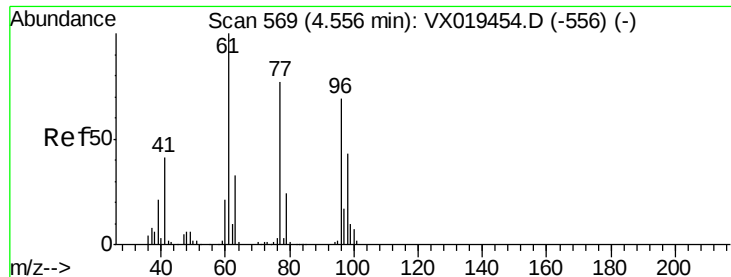
Tgt Ion: 77 Resp: 222138

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

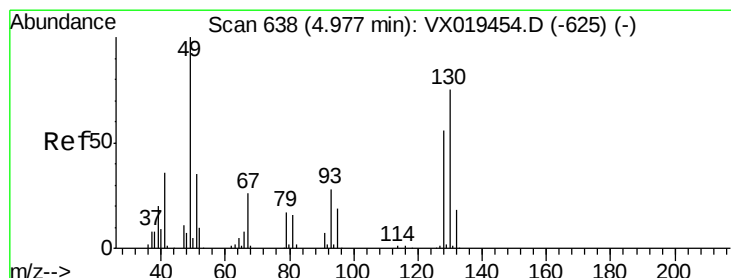
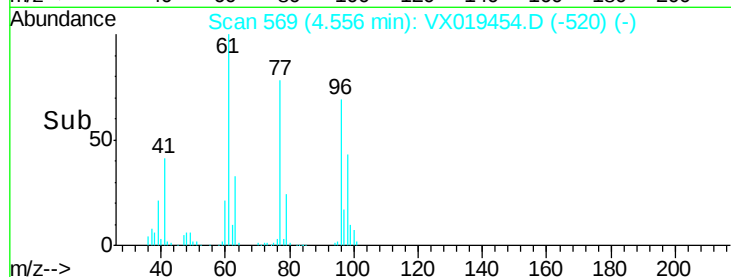
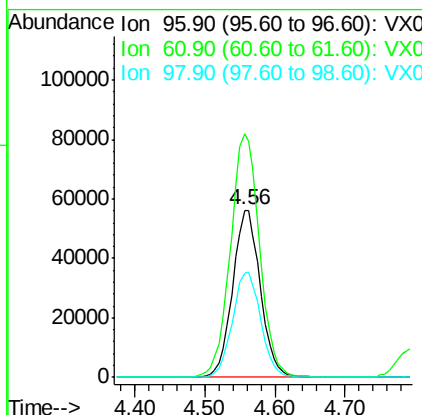
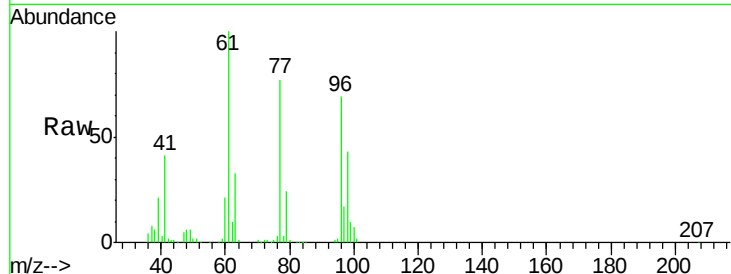
cis-1,2-Dichloroethene
 Concen: 54.578 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	153.9	0.0	307.8	
98	64.3	0.0	128.6	

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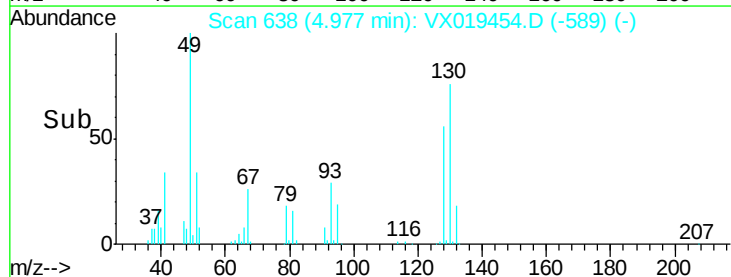
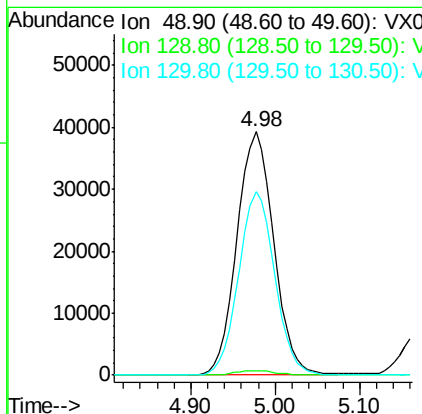
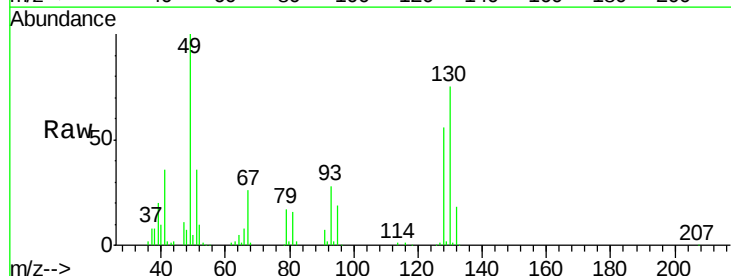
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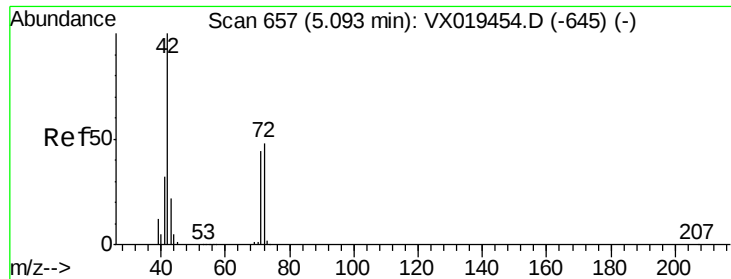


#28

Bromochloromethane
 Concen: 59.749 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	3.8	
130	74.0	59.2	88.8	





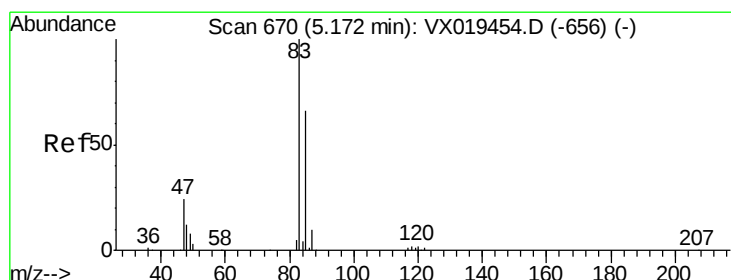
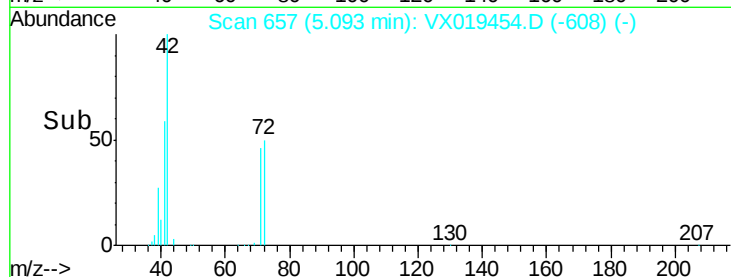
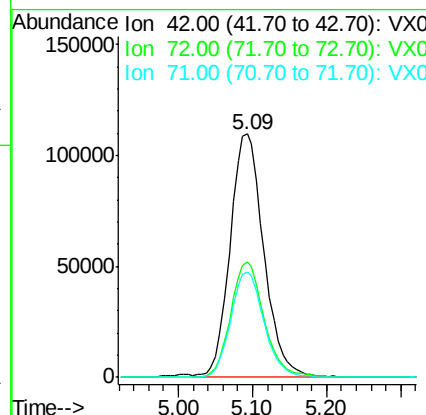
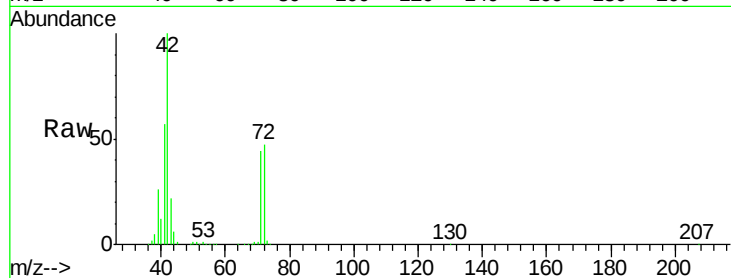
#29
Tetrahydrofuran
Concen: 331.127 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.6	38.1	57.1
71	43.2	34.6	51.8

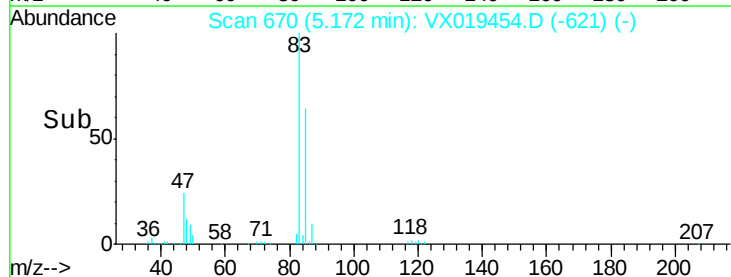
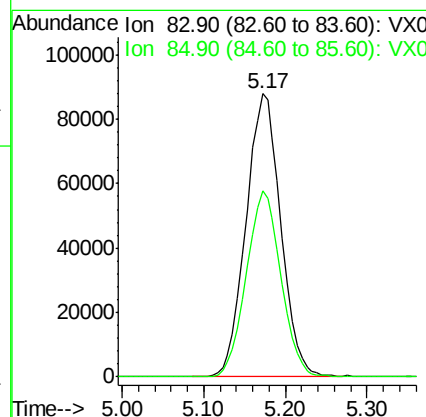
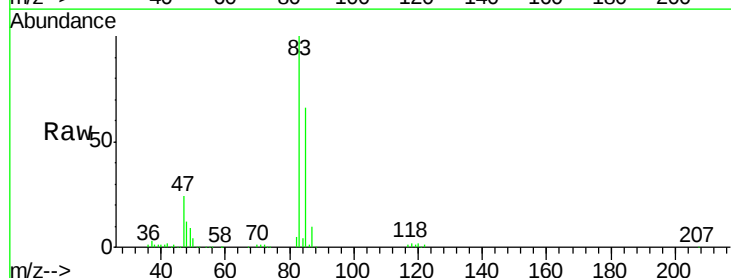
Manual Integrations
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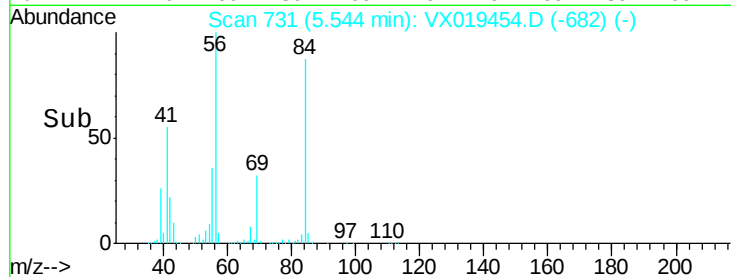
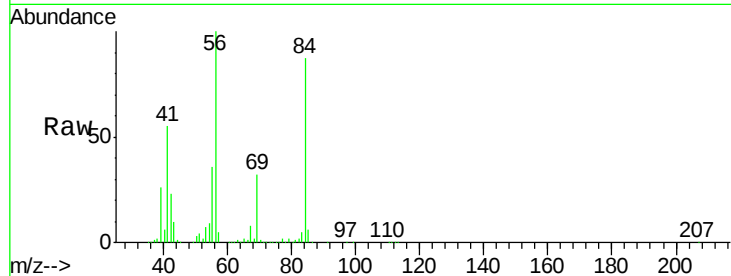
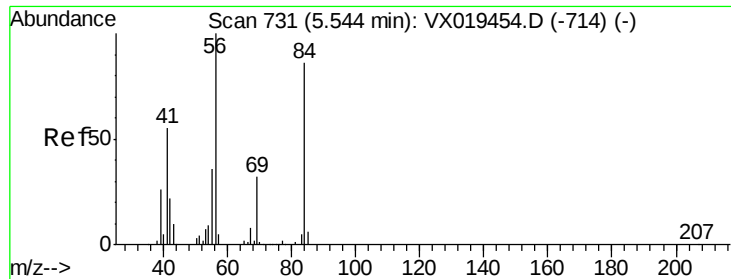
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#30
Chloroform
Concen: 58.414 ug/l
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.4	78.6





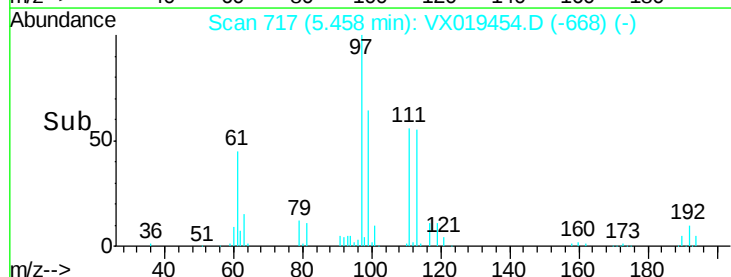
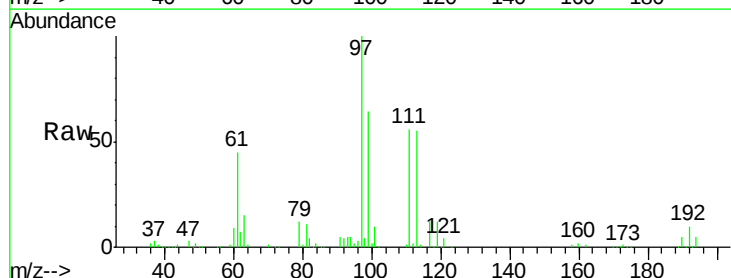
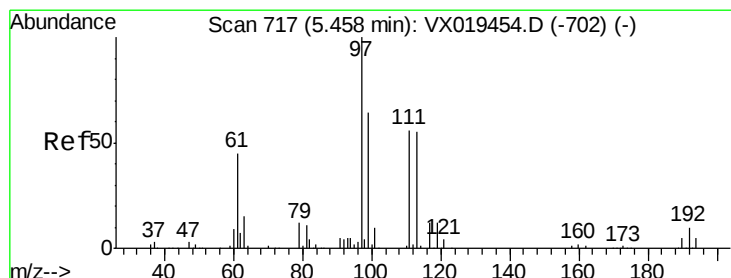
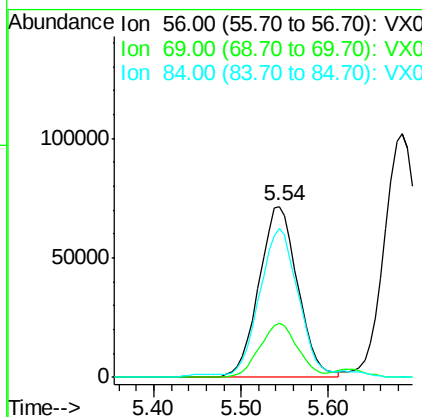
#31
Cvclohexane
Concen: 58.240 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.5	25.2	37.8
84	85.6	68.5	102.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

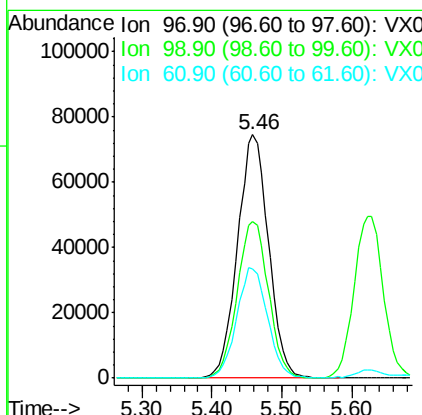
Manual Integrations
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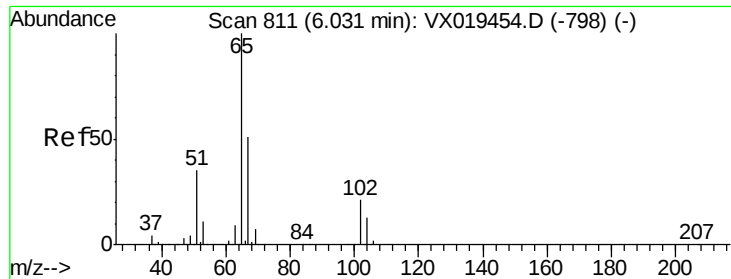
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#32
1,1,1-Trichloroethane
Concen: 57.074 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.9	77.9
61	45.2	36.2	54.2





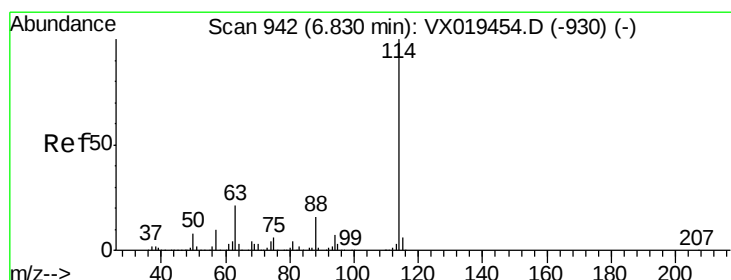
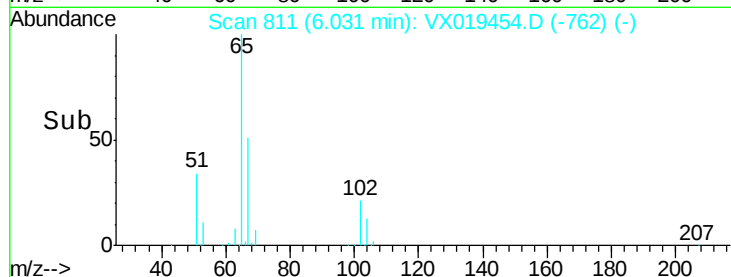
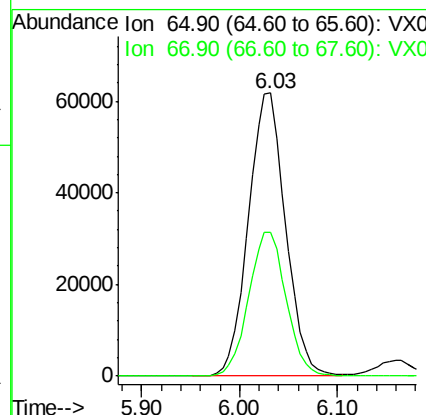
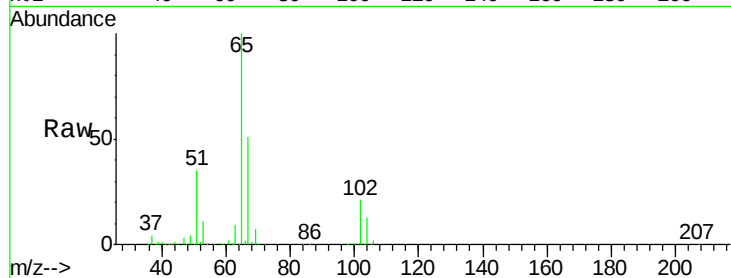
#33
 1,2-Dichloroethane-d4
 Concen: 54.244 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	162796		
67	51.2	0.0	102.4	

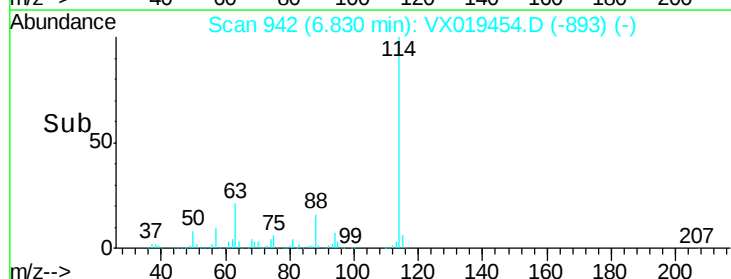
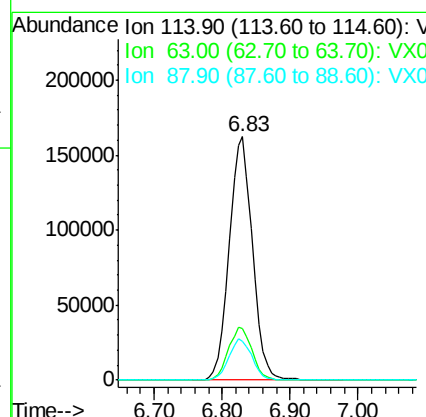
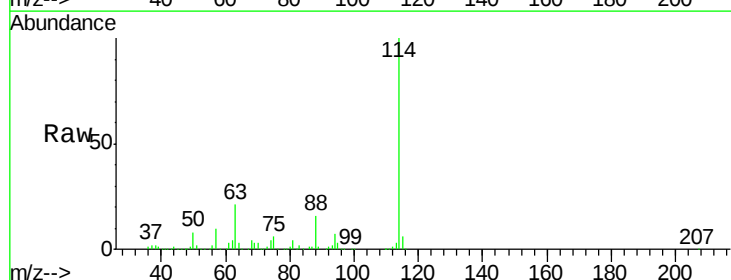
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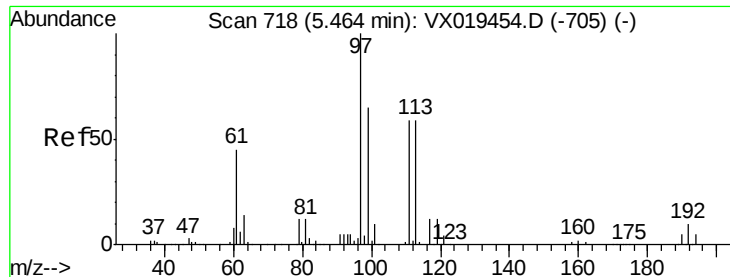
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	383411		
63	21.0	0.0	42.0	
88	16.0	0.0	32.0	





#35

Dibromofluoromethane

Concen: 49.066 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

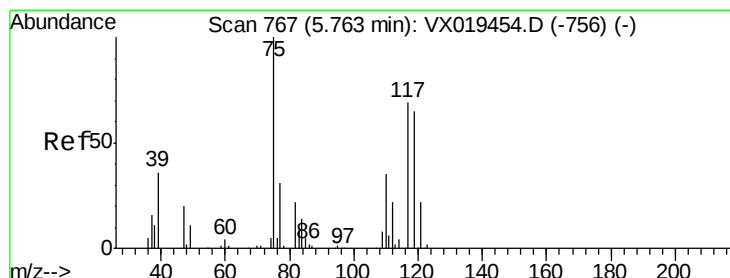
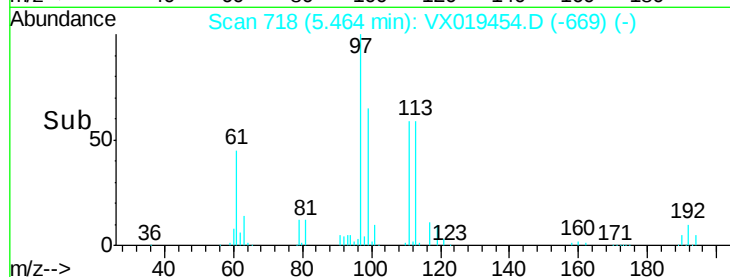
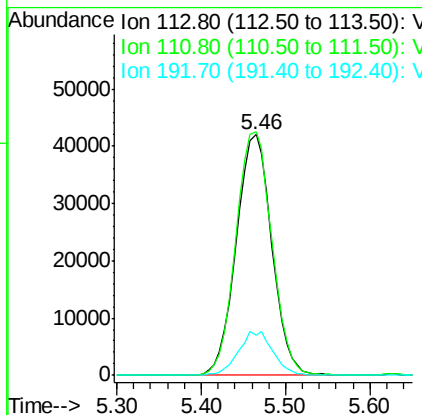
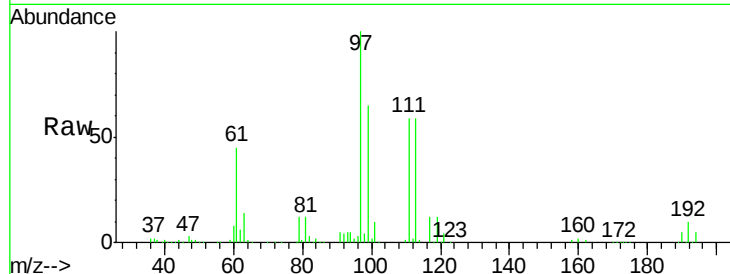
ClientSampleId :

VSTDICCC050

Tot Ion:	113	Resp:	120051
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.2	123.4
192	17.8	14.2	21.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.817 ug/l

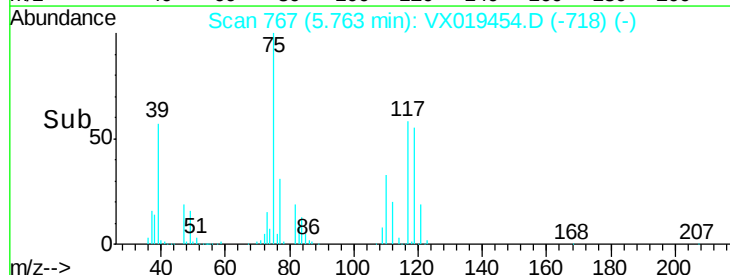
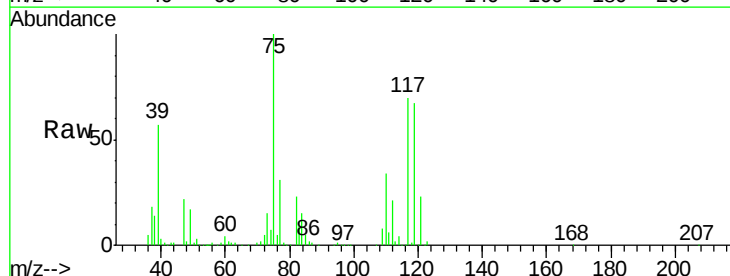
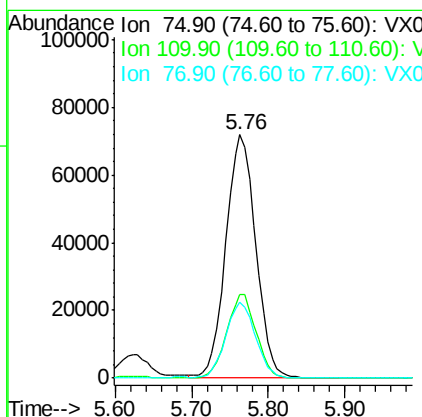
RT: 5.76 min Scan# 767

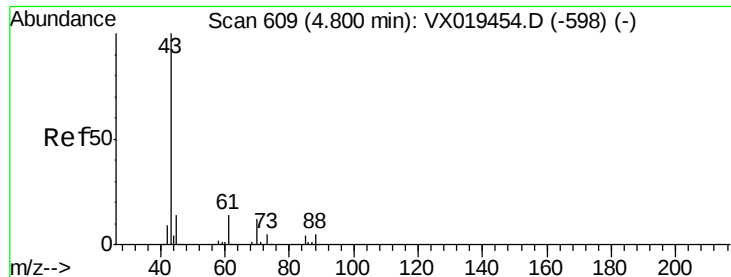
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	75	Resp:	194143
Ion Ratio	Lower	Upper	
75	100		
110	33.9	17.0	50.9
77	30.9	24.7	37.1





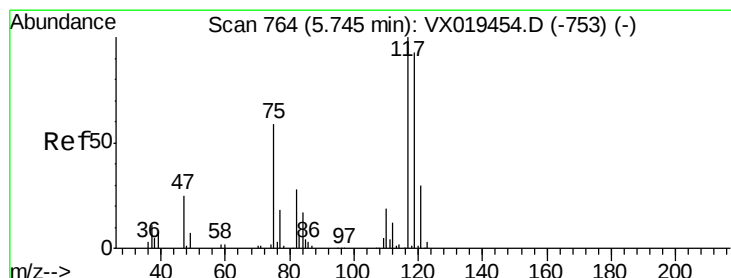
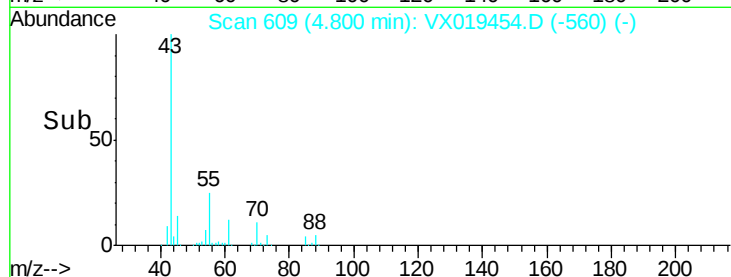
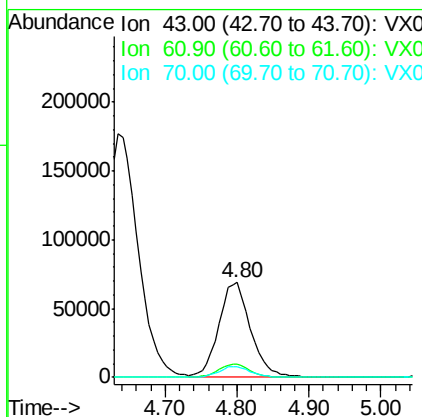
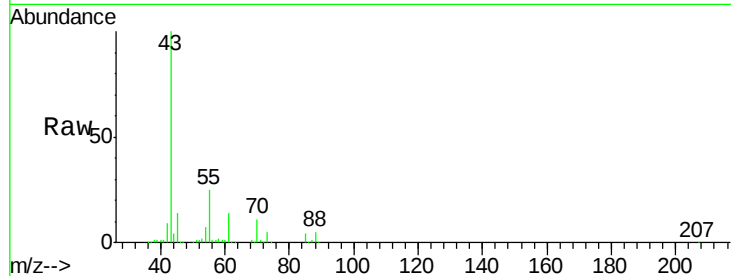
#37
Ethyl Acetate
Concen: 61.070 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.6	17.4
70	11.5	9.2	13.8

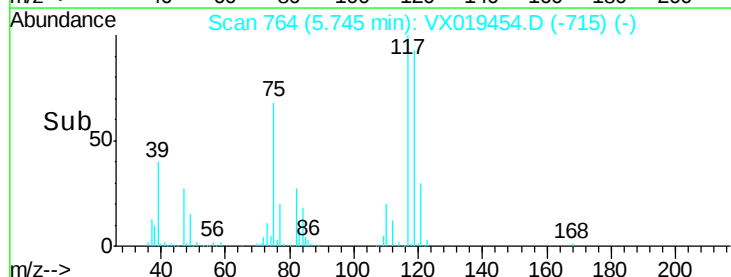
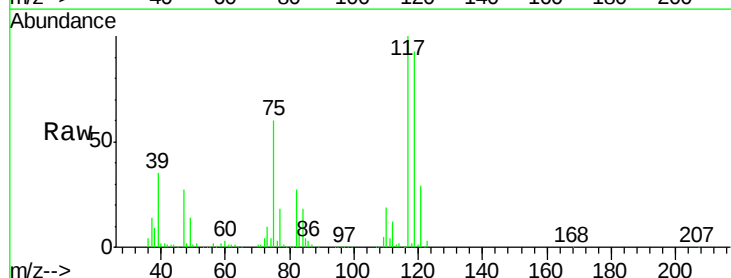
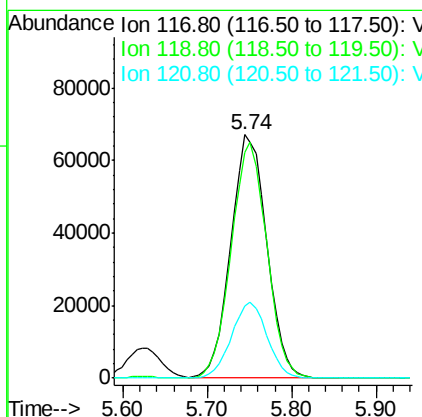
Manual Integrations
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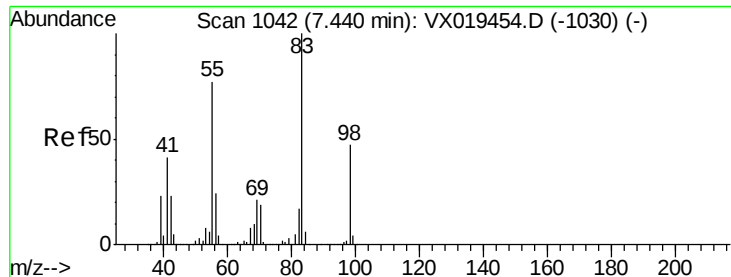
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#38
Carbon Tetrachloride
Concen: 53.317 ug/l
RT: 5.74 min Scan# 764
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.6	74.1	111.1
121	29.5	23.6	35.4





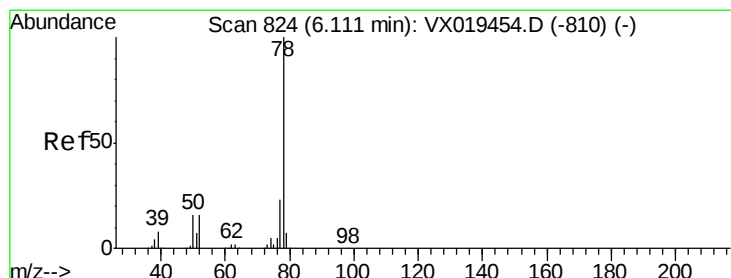
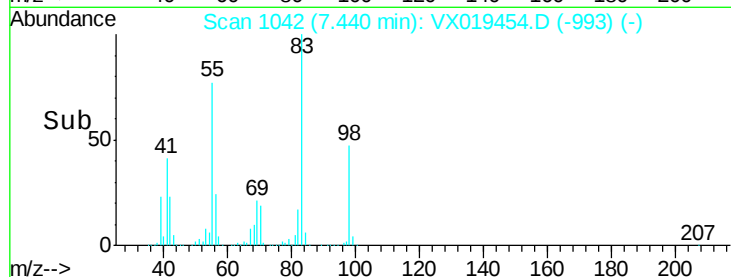
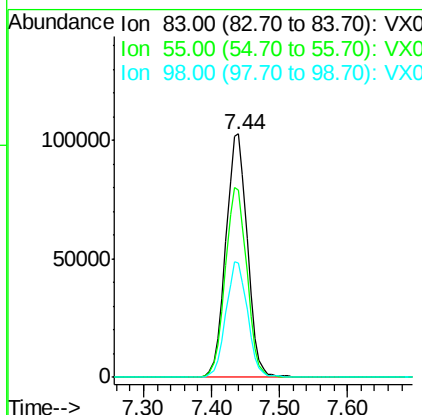
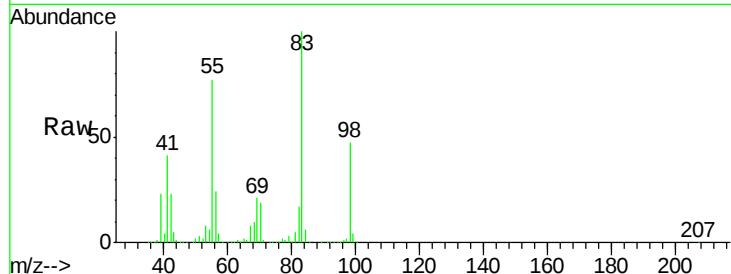
#39
Methvlcvclohexane
Concen: 52.871 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	225957		
55	76.7		61.4	92.0
98	47.0		37.6	56.4

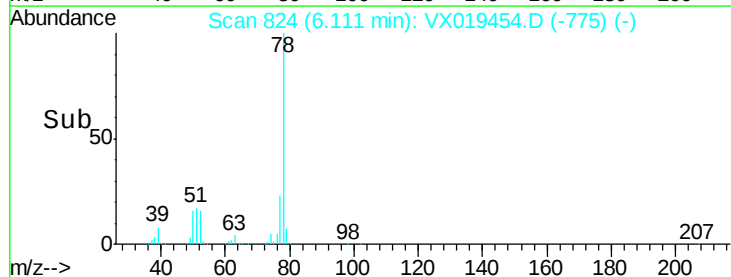
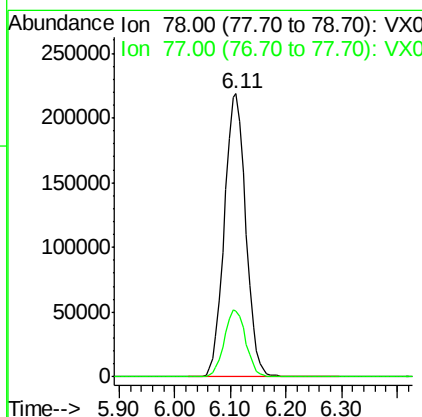
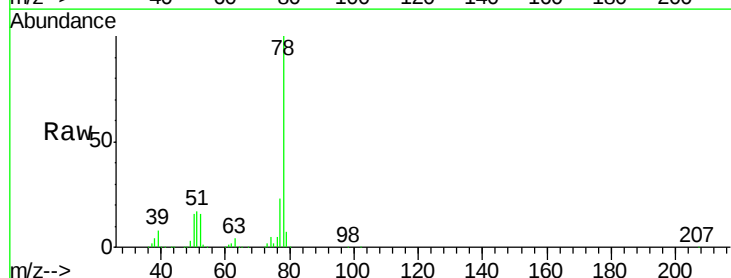
Manual Integrations
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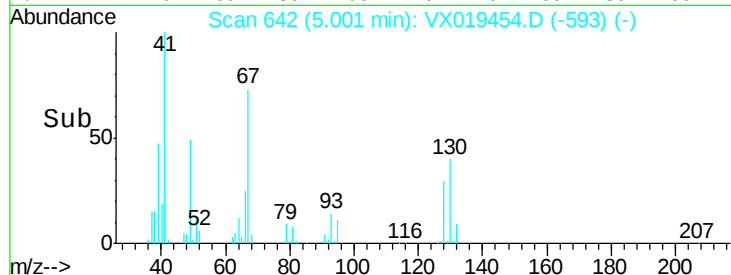
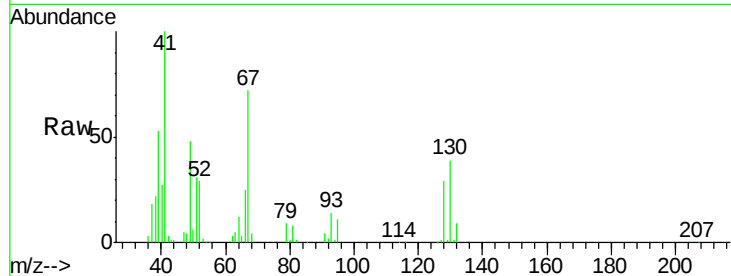
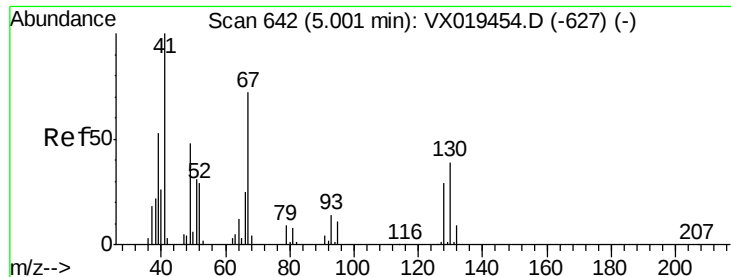
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#40
Benzene
Concen: 56.641 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	583063		
77	23.3		18.6	28.0





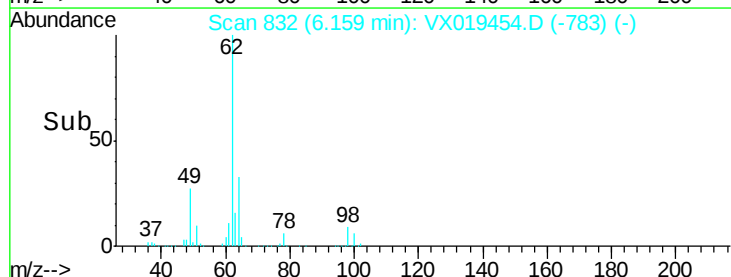
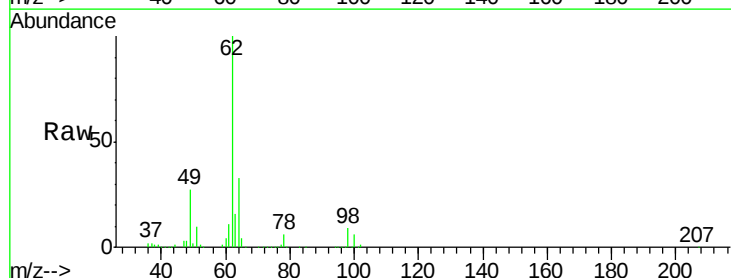
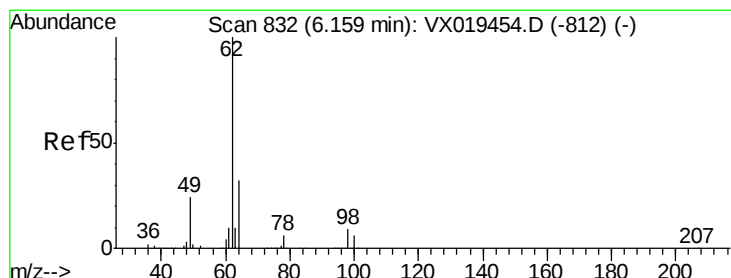
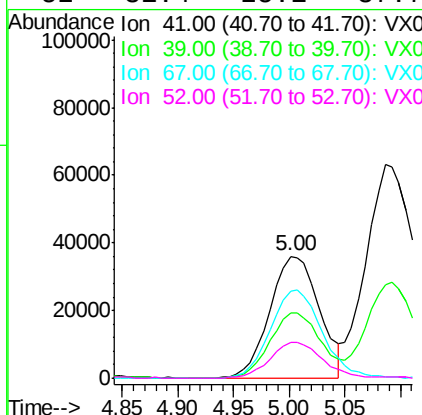
#41
Methacrylonitrile
Concen: 60.701 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.8	44.6	67.0		
67	75.8	60.6	91.0		
52	31.4	25.1	37.7		

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

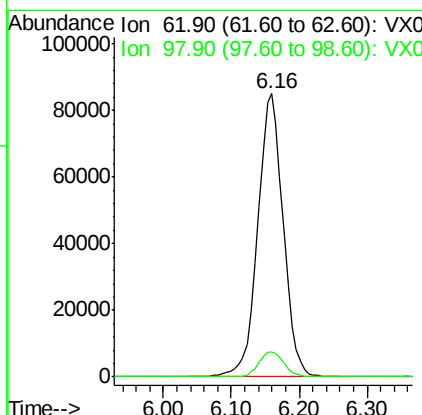
Manual Integrations
APPROVED

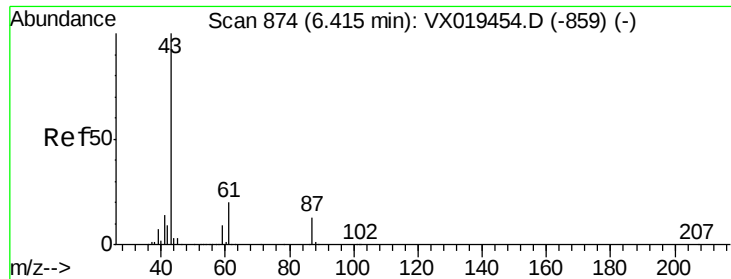
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#42
1,2-Dichloroethane
Concen: 58.296 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.9	0.0	17.8		





#43

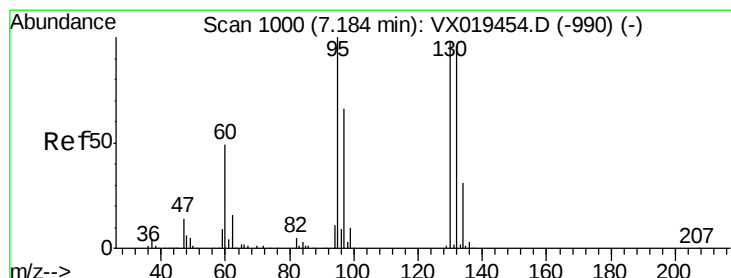
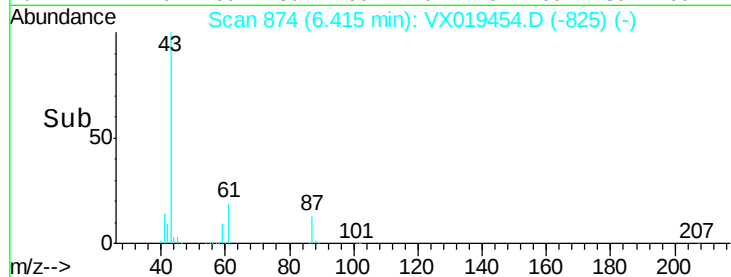
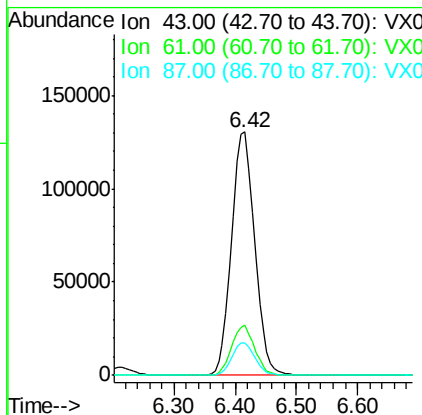
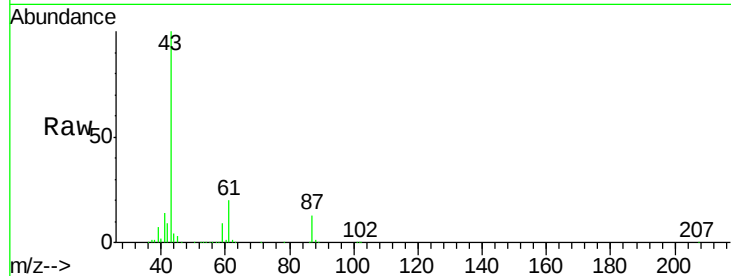
Isopropyl Acetate
 Concen: 59.339 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.4
87	13.4	10.7	16.1

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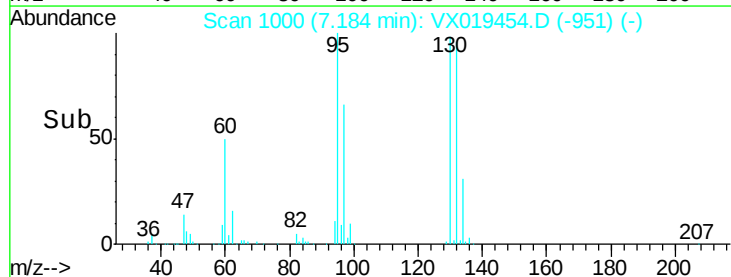
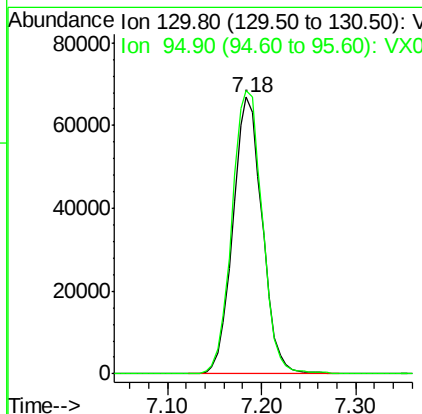
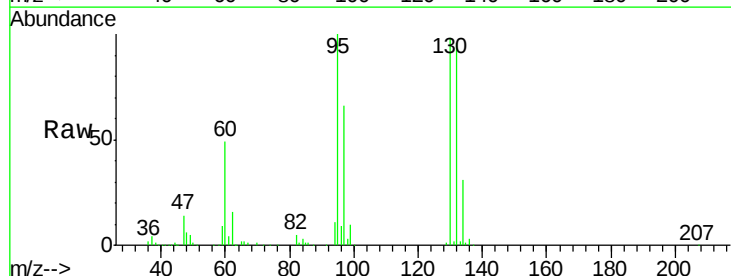
MMDadoda
 11/19/2020 11:58:08 AM

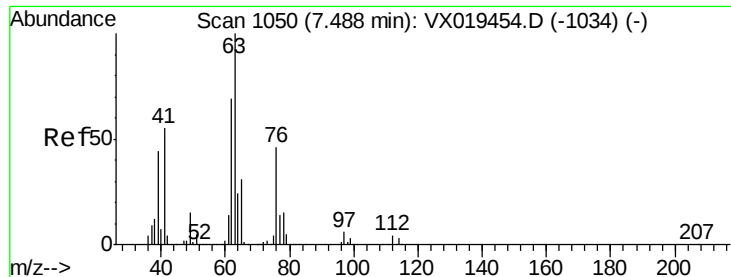


#44

Trichloroethene
 Concen: 50.184 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 59.654 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 152148

Ion Ratio Lower Upper

63 100

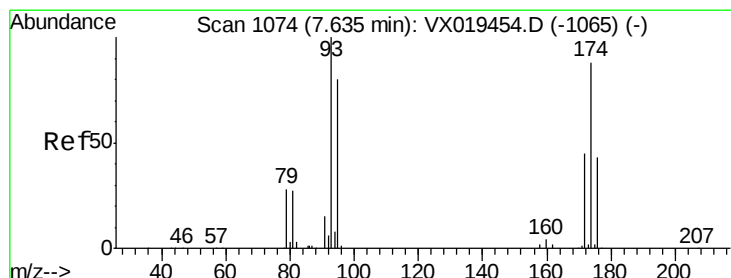
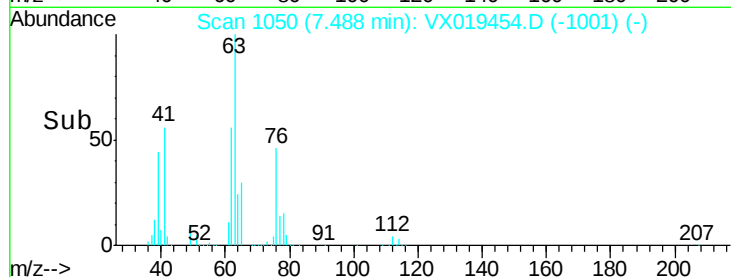
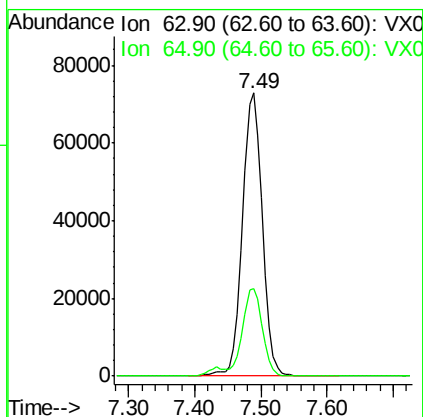
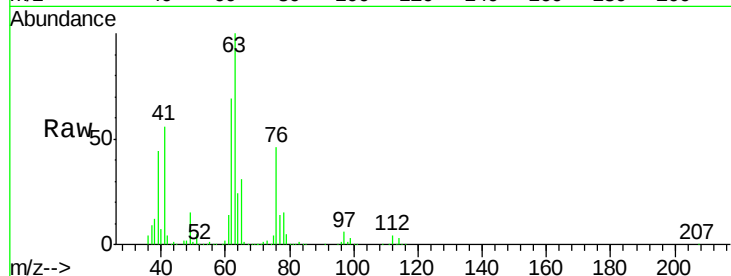
65 30.8 24.6 37.0

Manual Integrations

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#46

Dibromomethane

Concen: 54.841 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

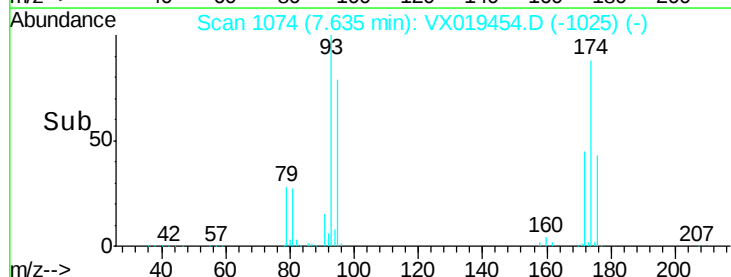
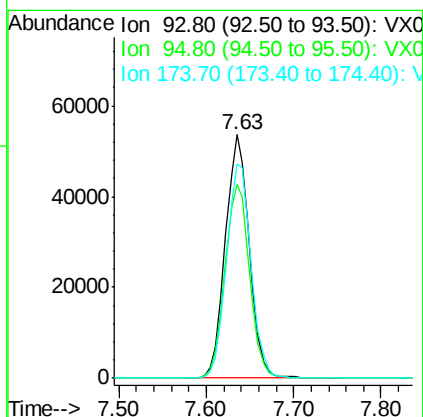
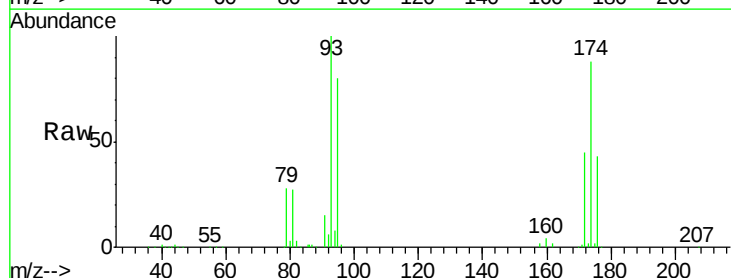
Tgt Ion: 93 Resp: 101795

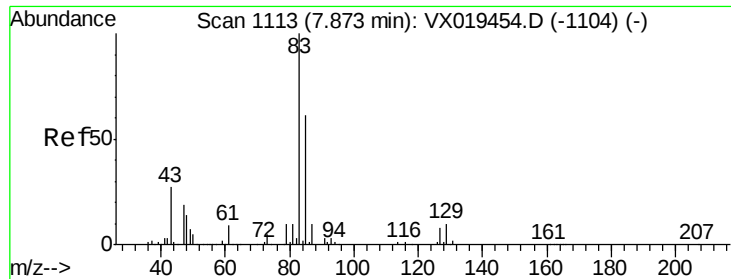
Ion Ratio Lower Upper

93 100

95 81.8 65.4 98.2

174 90.3 72.2 108.4





#47

Bromodichloromethane

Concen: 56.017 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

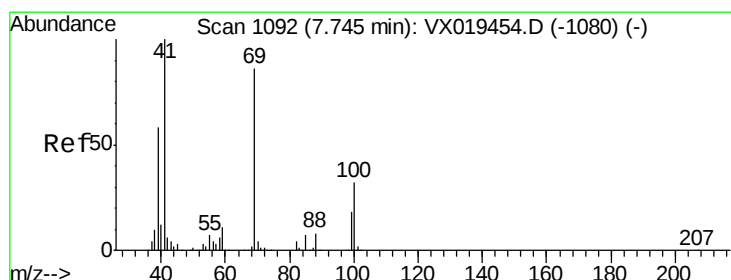
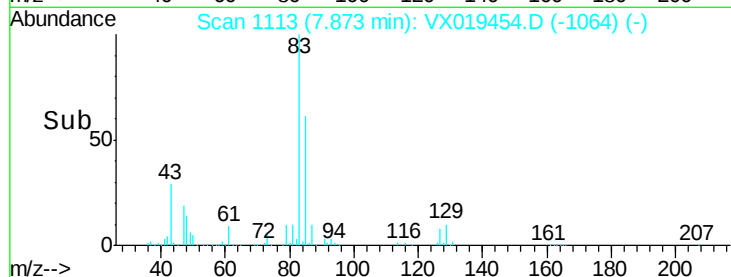
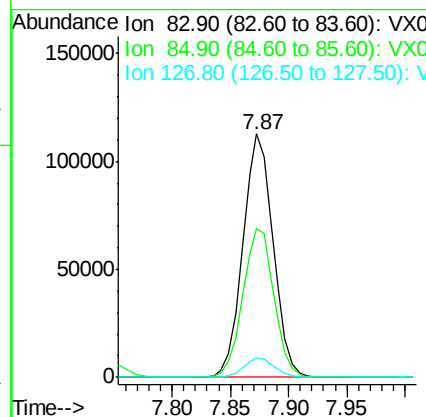
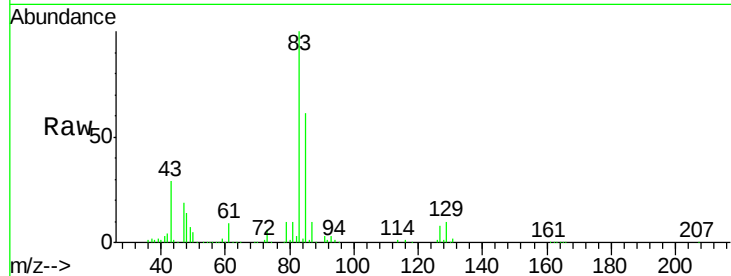
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	204210
Ion Ratio	Lower	Upper	
83	100		
85	61.2	49.0	73.4
127	7.9	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 61.221 ug/l

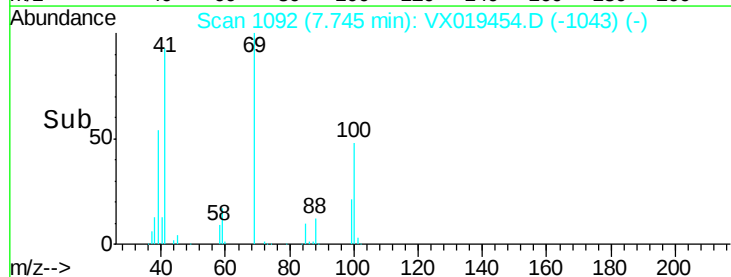
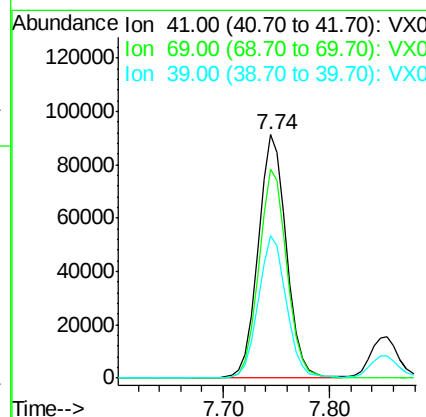
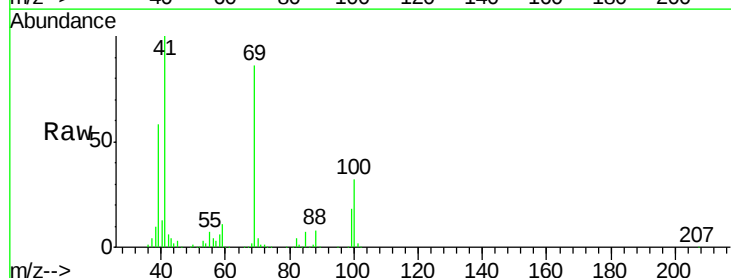
RT: 7.74 min Scan# 1092

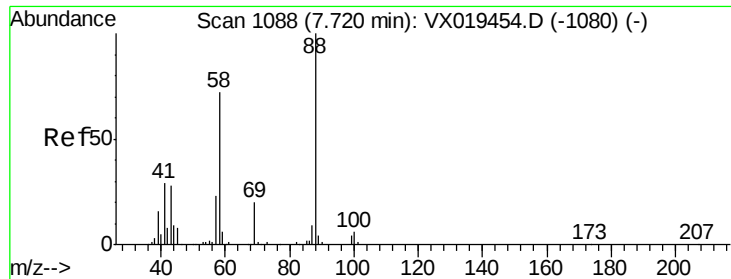
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	41	Resp:	168806
Ion Ratio	Lower	Upper	
41	100		
69	85.5	68.4	102.6
39	58.3	46.6	70.0





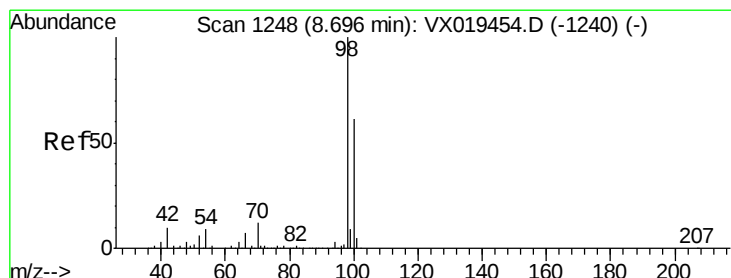
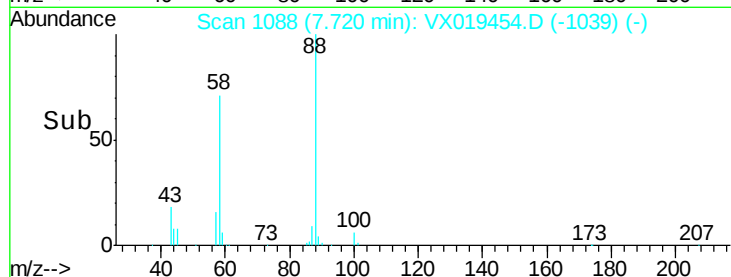
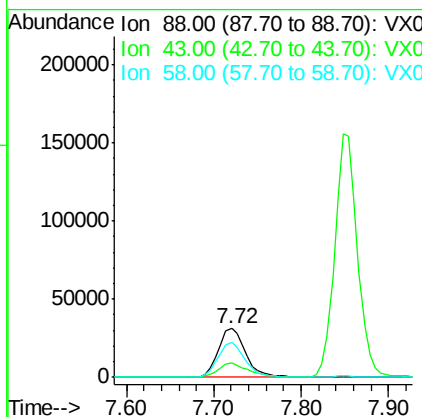
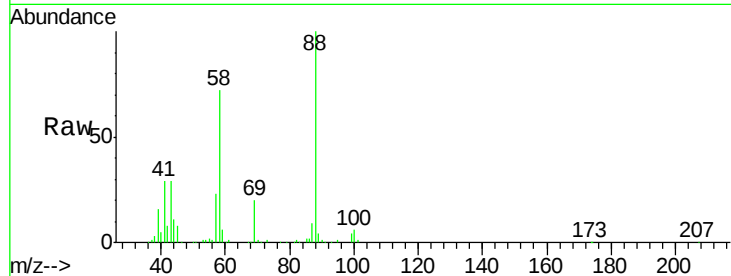
#49
1,4-Dioxane
Concen: 1131.329 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.4	25.9	38.9
58	70.7	56.6	84.8

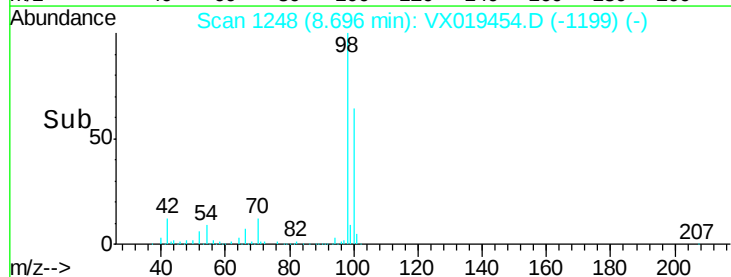
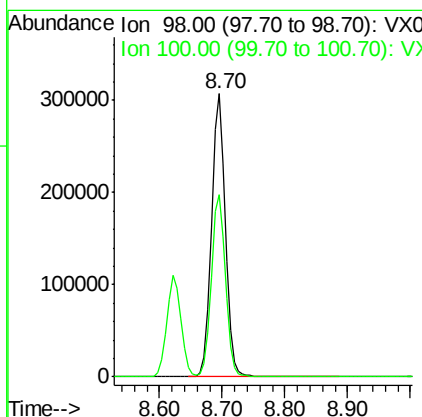
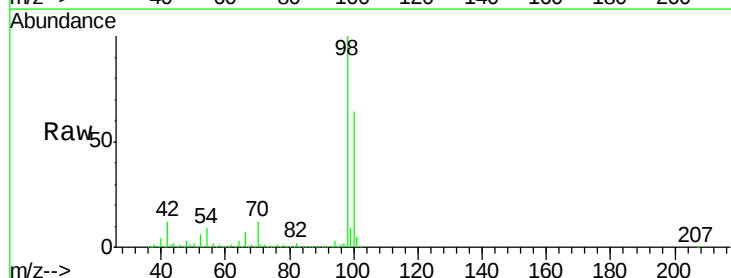
Manual Integrations
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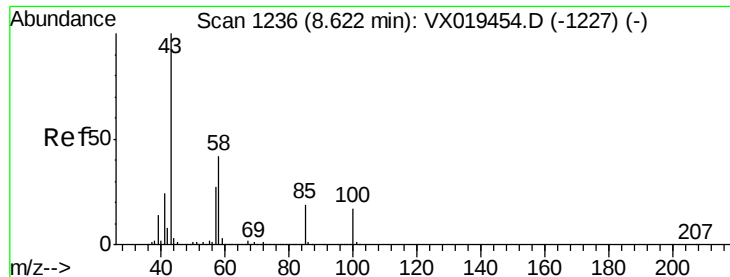
MMDadoda
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#50
Toluene-d8
Concen: 50.454 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.6	79.0





#51

4-Methyl-2-Pentanone

Concen: 318.757 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1056430

Ion Ratio Lower Upper

43 100

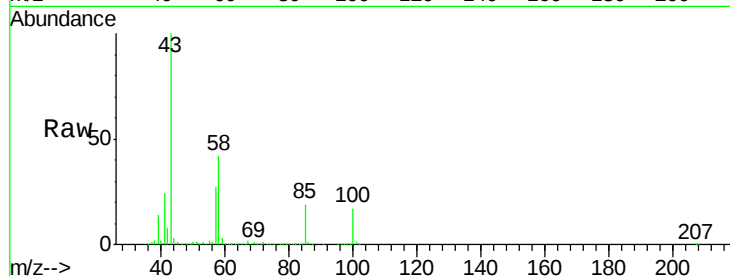
58 41.2 33.0 49.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

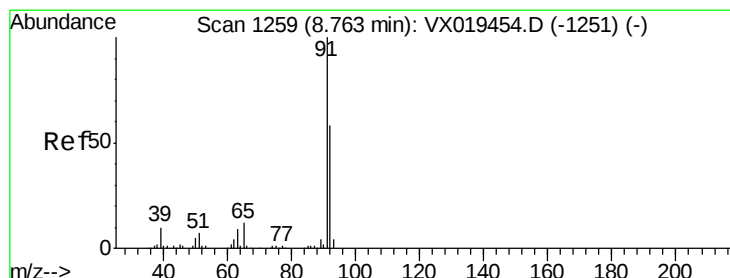
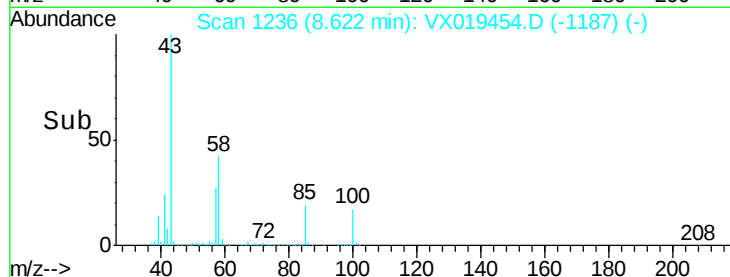
600000

400000

200000

0

Time--> 8.50 8.60 8.70



#52

Toluene

Concen: 55.936 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019454.D

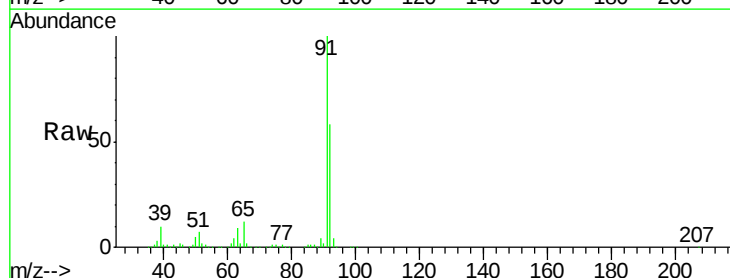
Acq: 18 Nov 2020 14:39

Tgt Ion: 92 Resp: 369850

Ion Ratio Lower Upper

92 100

91 170.4 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

500000

400000

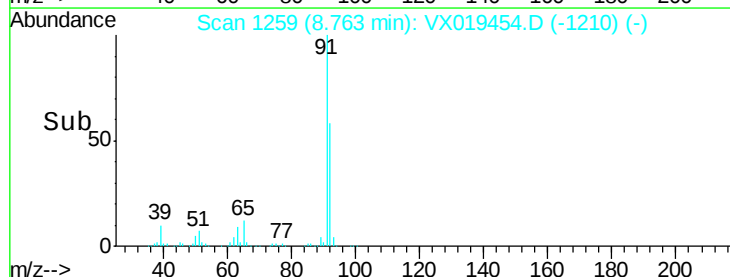
300000

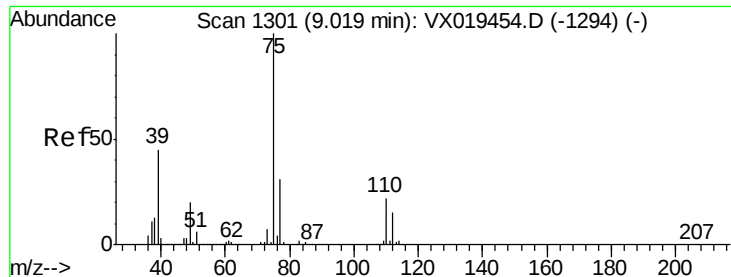
200000

100000

0

Time--> 8.70 8.80 8.90





#53

t-1,3-Dichloropropene

Concen: 54.950 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 228962

Ion Ratio Lower Upper

75 100

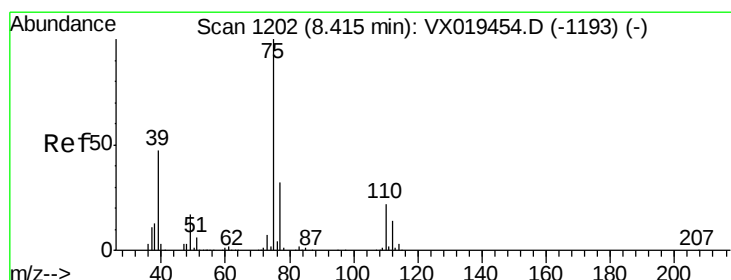
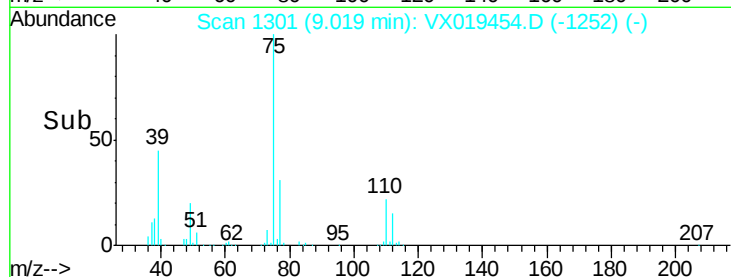
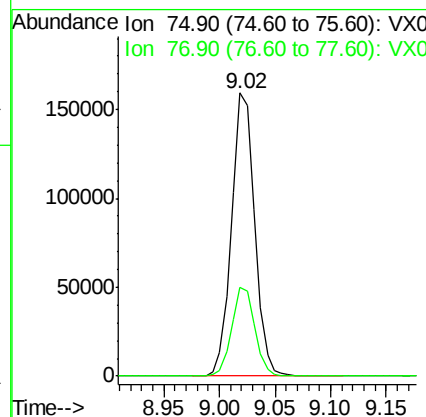
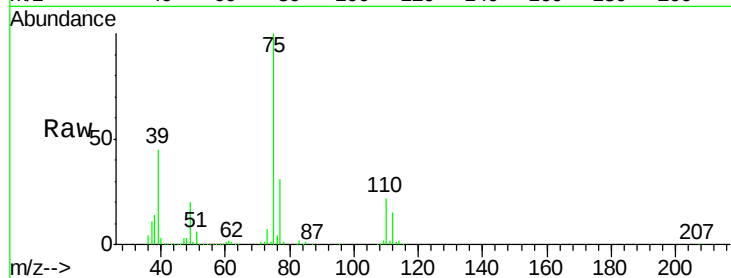
77 31.3 25.0 37.6

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#54

cis-1,3-Dichloropropene

Concen: 56.379 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

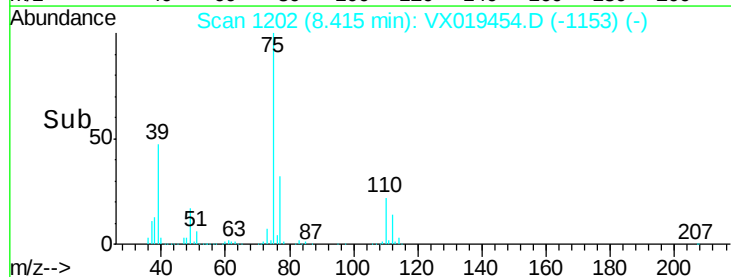
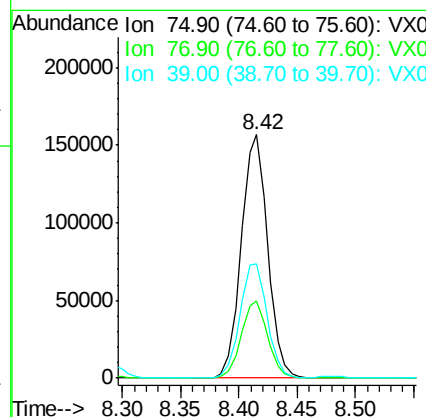
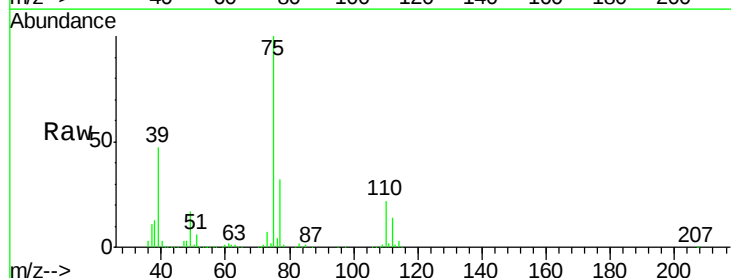
Tgt Ion: 75 Resp: 247897

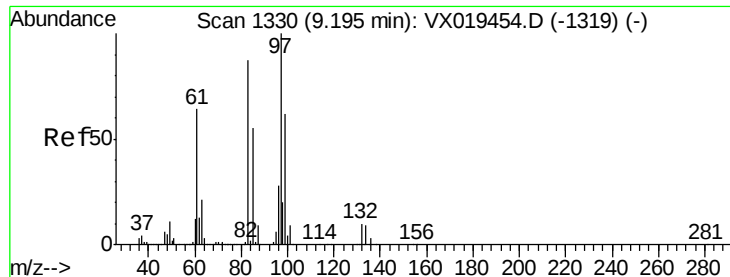
Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.2

39 46.8 37.4 56.2





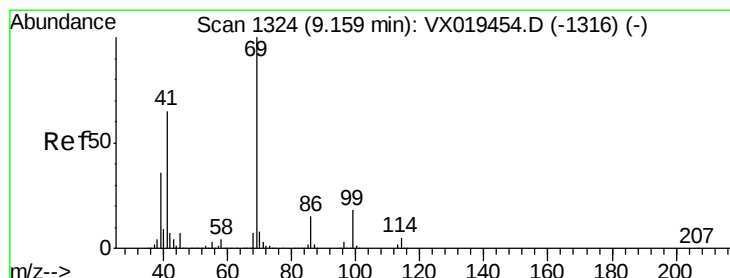
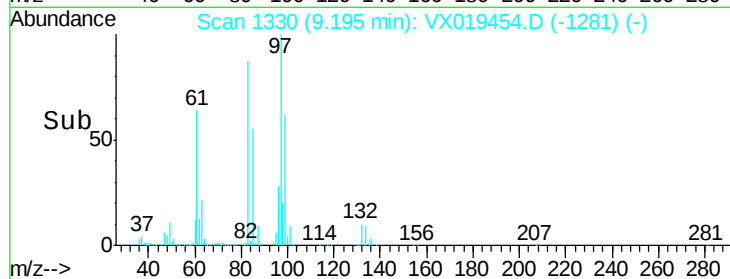
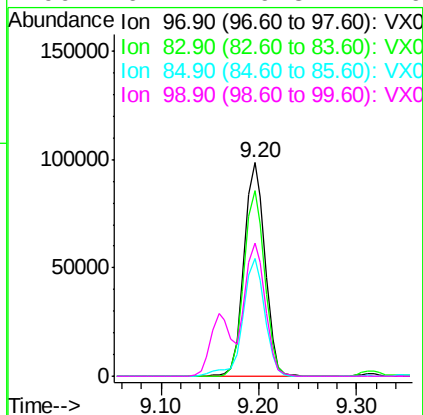
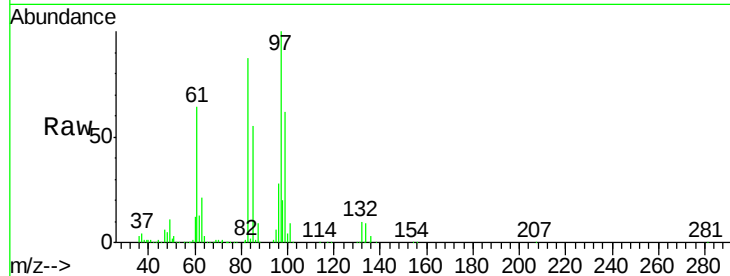
#55
 1,1,2-Trichloroethane
 Concen: 56.398 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.7	104.5
85	55.3	44.2	66.4
99	62.2	49.8	74.6

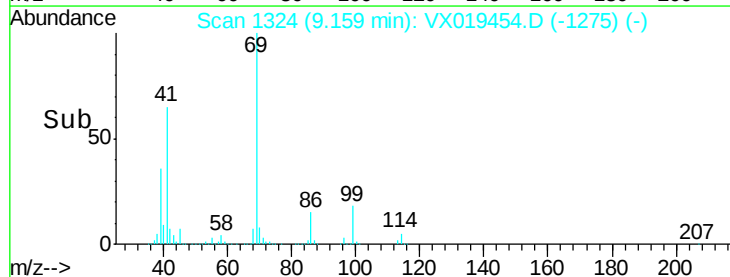
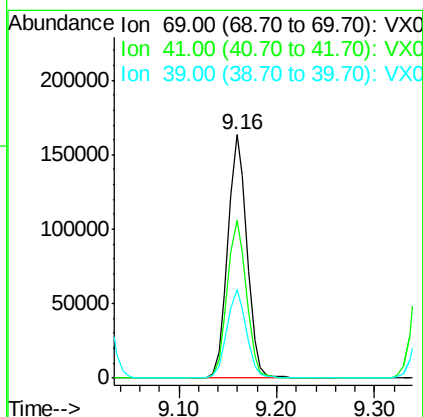
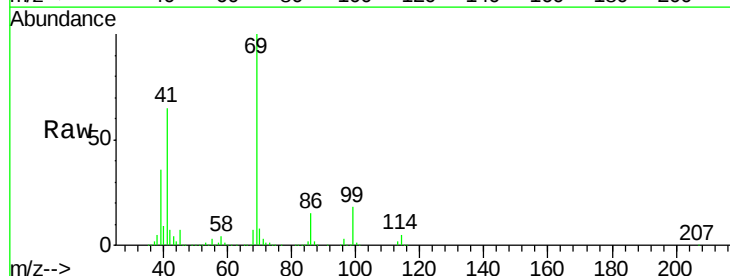
Manual Integrations
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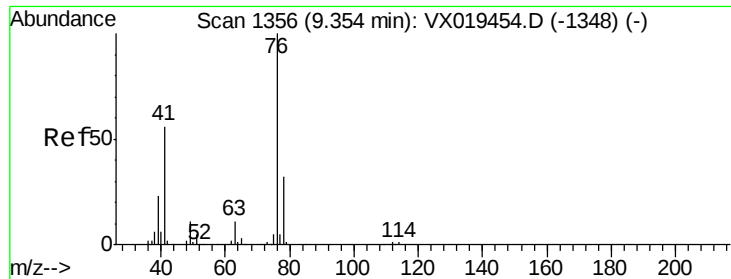
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 11/19/2020 11:58:08 AM



#56
 Ethyl methacrylate
 Concen: 56.917 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	36.9	29.5	44.3





#57

1,3-Dichloropropane

Concen: 57.867 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 256728

Ion Ratio Lower Upper

76 100

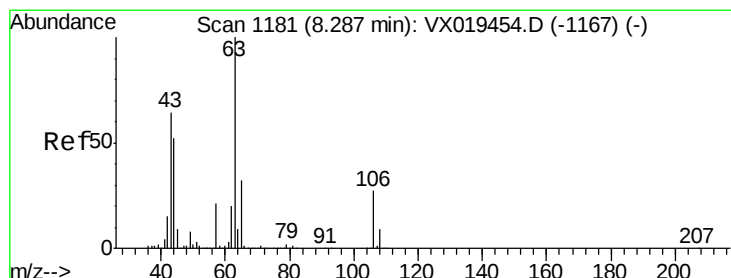
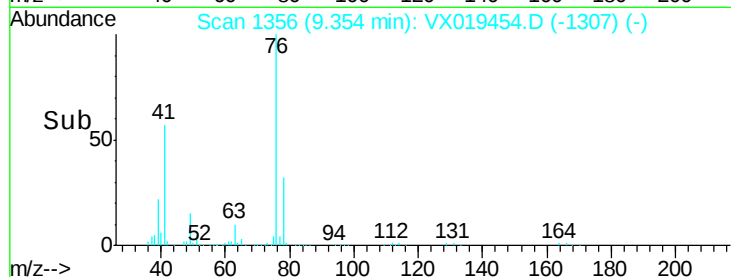
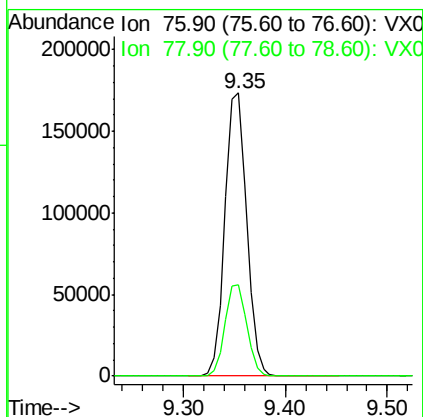
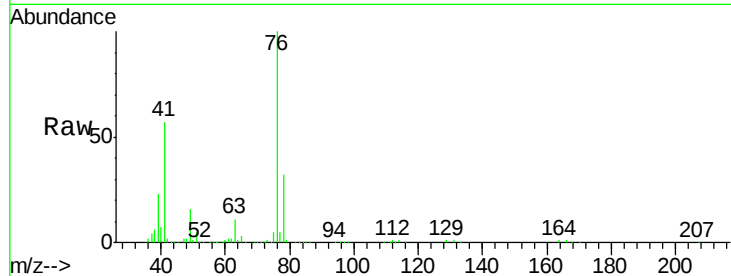
78 32.6 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 283.032 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019454.D

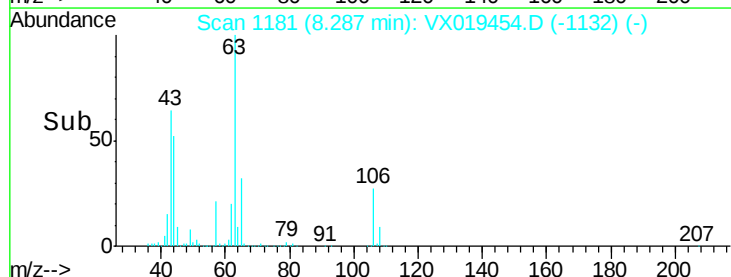
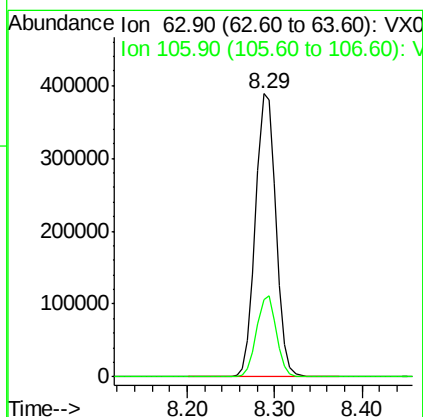
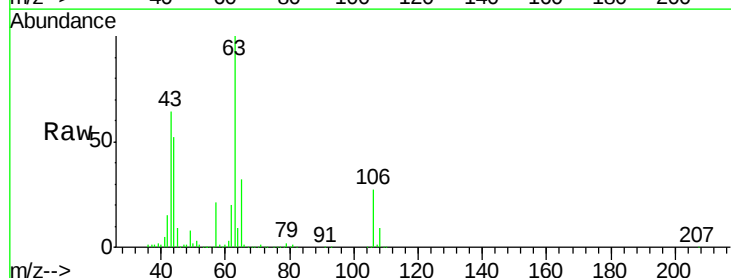
Acq: 18 Nov 2020 14:39

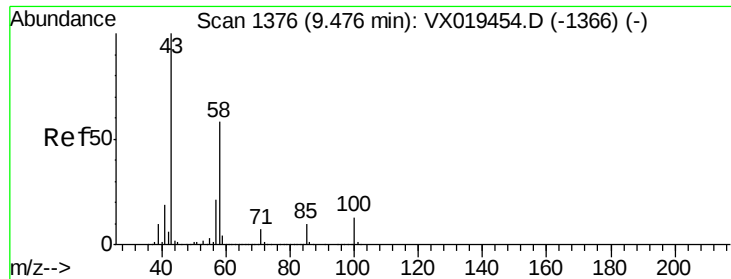
Tgt Ion: 63 Resp: 629474

Ion Ratio Lower Upper

63 100

106 27.7 22.2 33.2





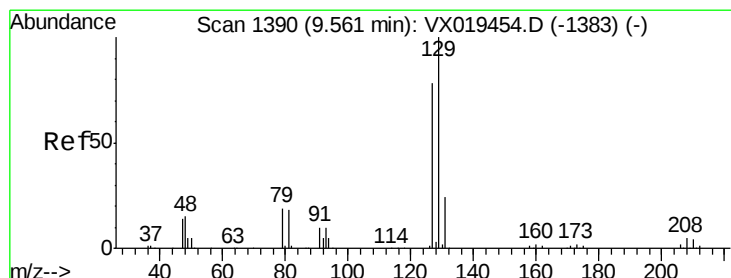
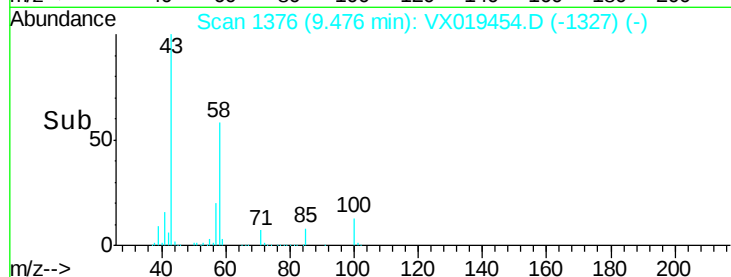
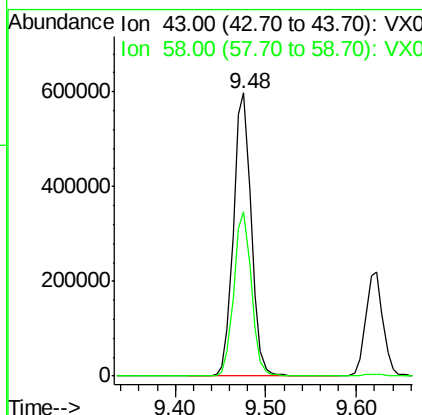
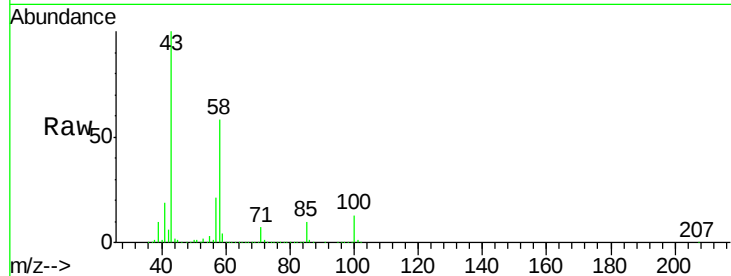
#59
2-Hexanone
Concen: 320.808 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 811486
Ion Ratio Lower Upper
43 100
58 57.7 28.8 86.5

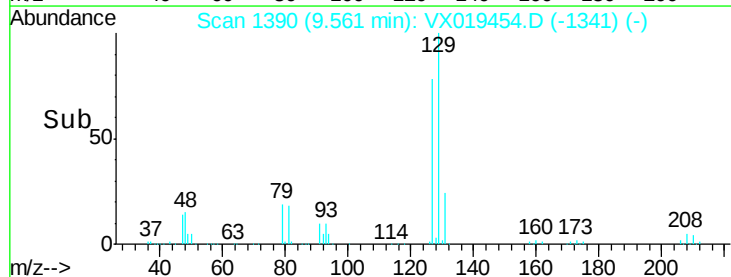
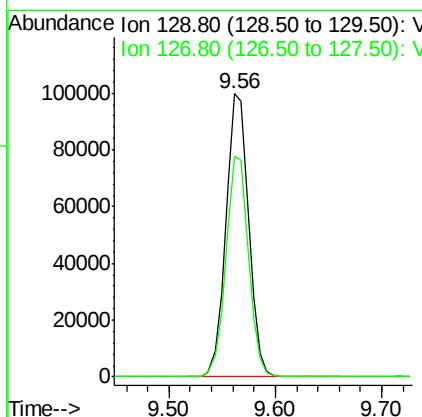
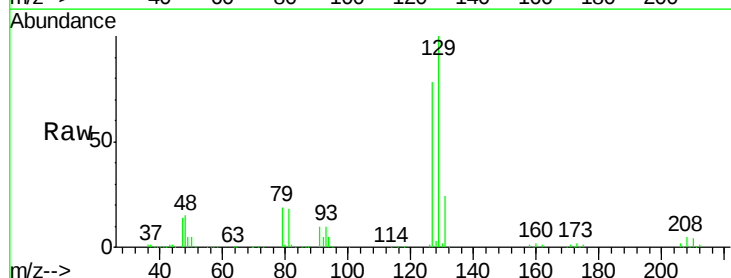
Manual Integrations
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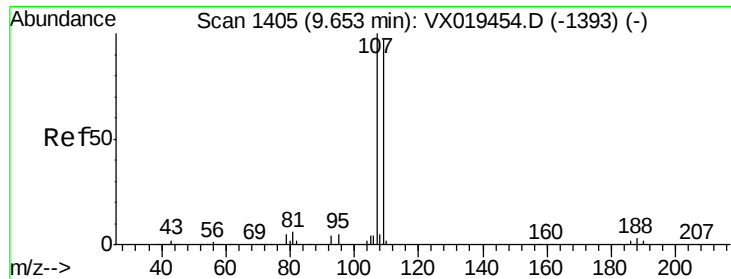
MMDadoda
11/19/2020 11:58:08 AM



#60
Dibromochloromethane
Concen: 53.620 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion: 129 Resp: 149345
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





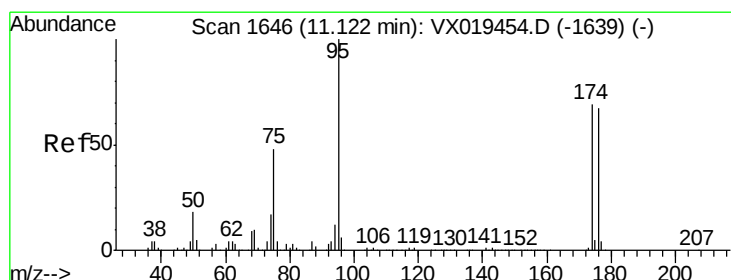
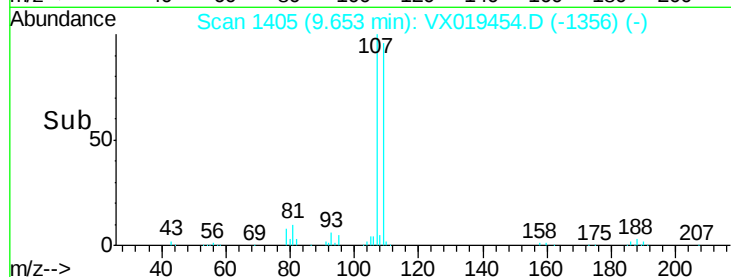
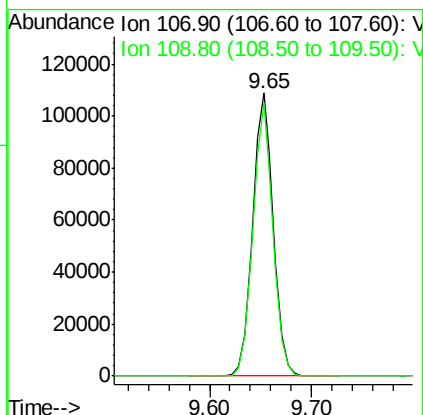
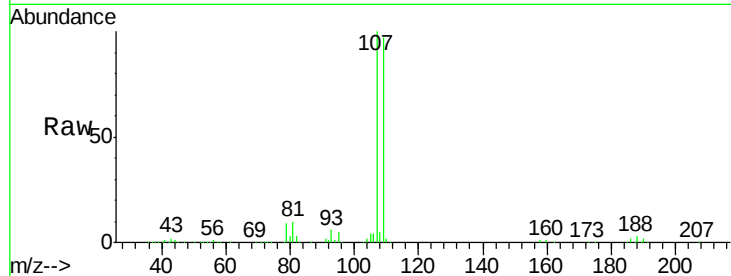
#61
 1,2-Dibromoethane
 Concen: 55.217 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 107 Resp: 153793
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.5 113.3

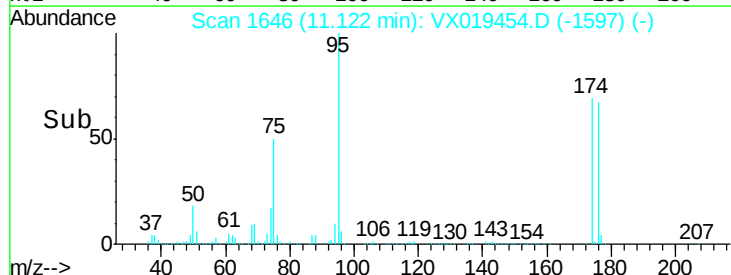
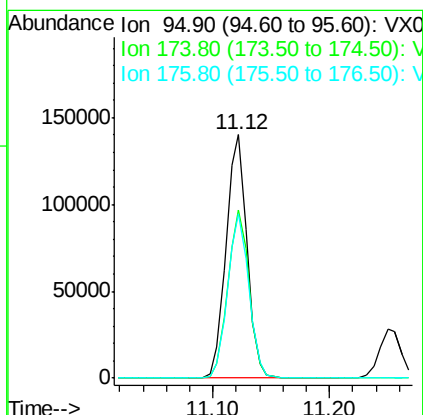
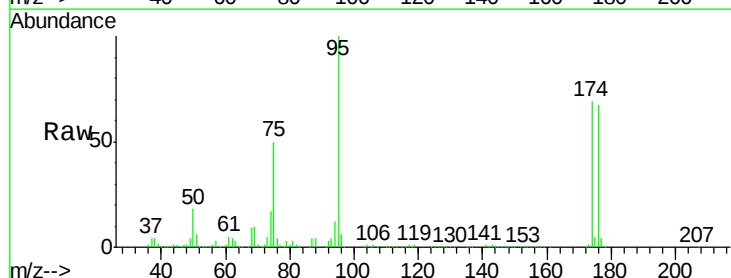
Manual Integrations
 APPROVED

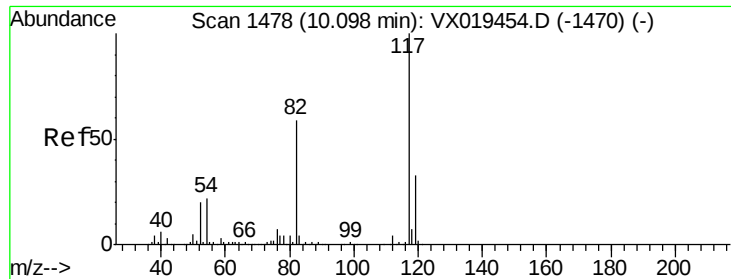
MMDadoda
 11/19/2020 11:58:08 AM



#62
 4-Bromofluorobenzene
 Concen: 49.608 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion: 95 Resp: 174004
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 141.4
 176 68.8 0.0 137.6





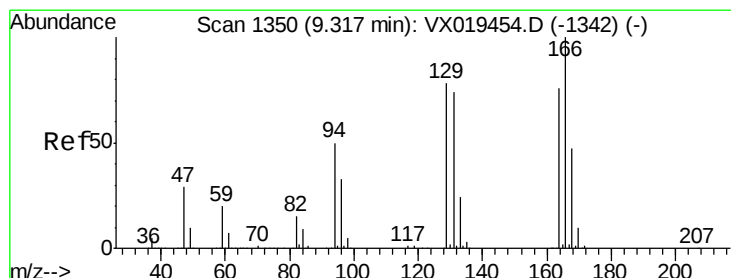
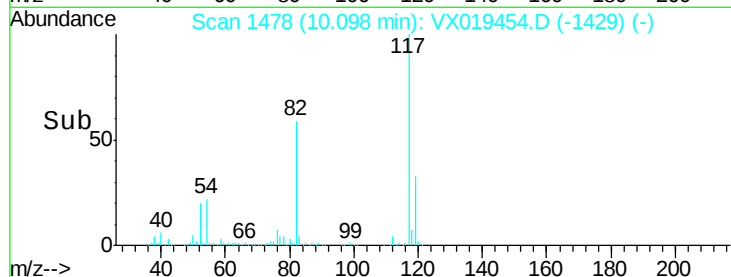
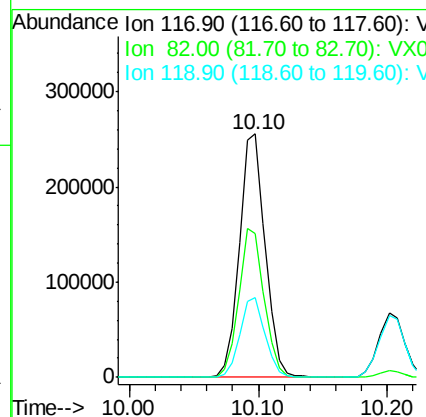
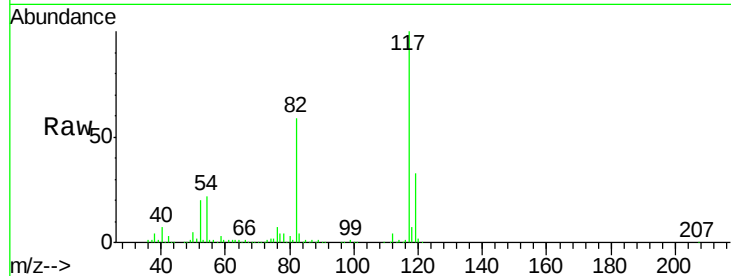
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	59.3	47.4	71.2	
119	32.9	26.3	39.5	

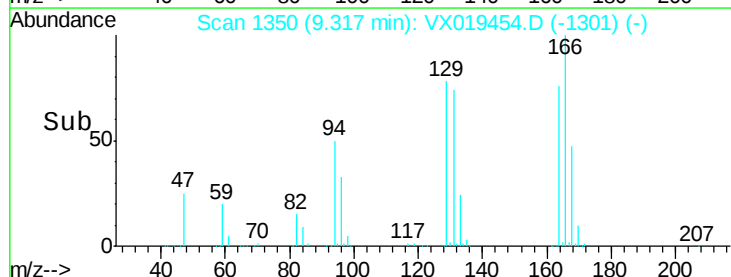
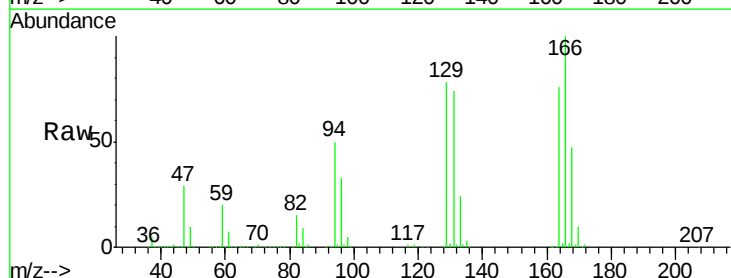
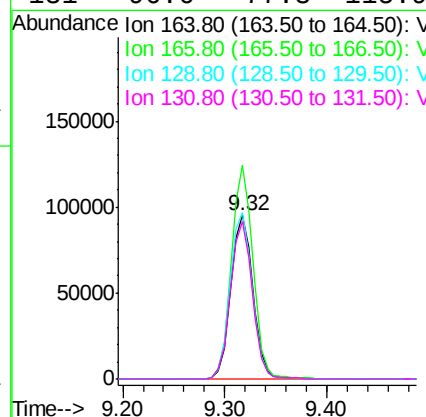
Manual Integrations
APPROVED

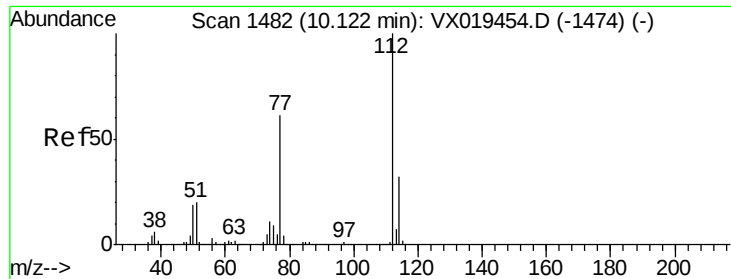
MMDadoda
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#64
Tetrachloroethene
Concen: 51.815 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	130.8	104.6	157.0	
129	101.8	81.4	122.2	
131	96.6	77.3	115.9	





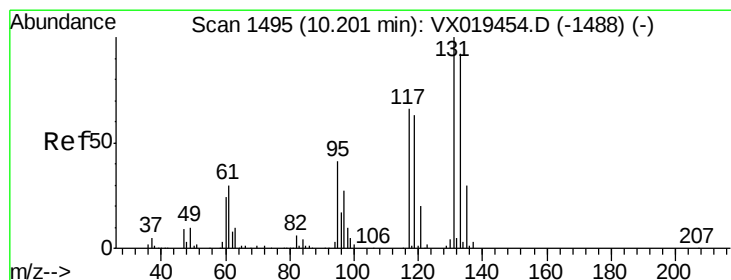
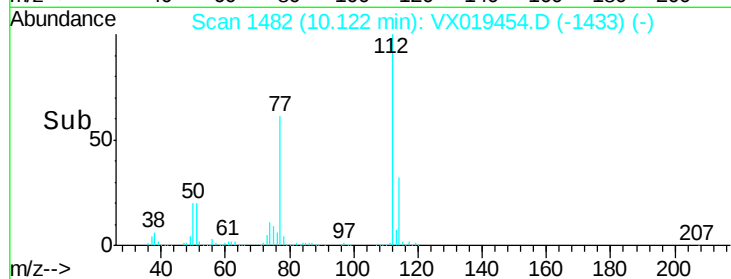
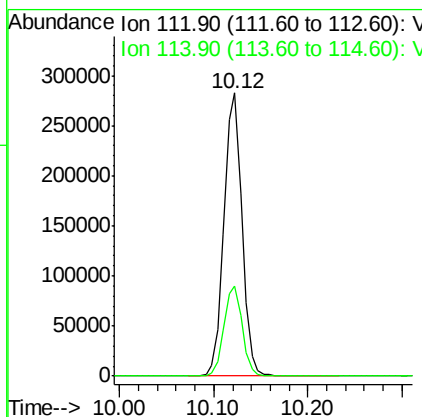
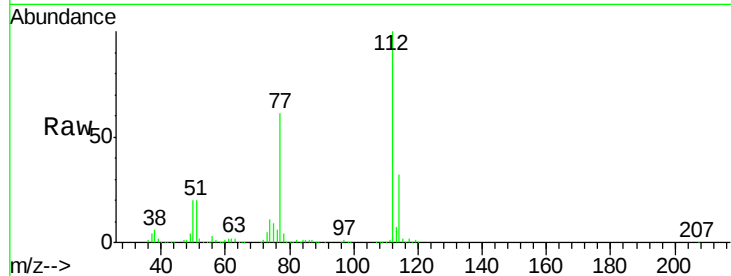
#65
Chlorobenzene
Concen: 51.365 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

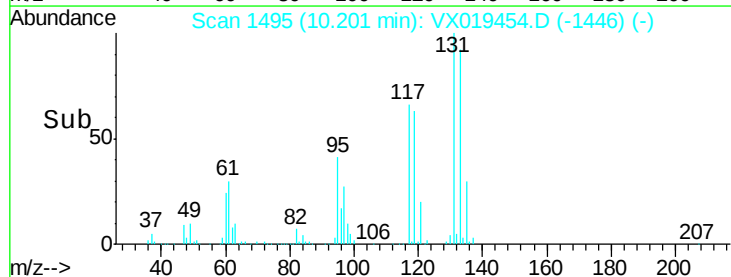
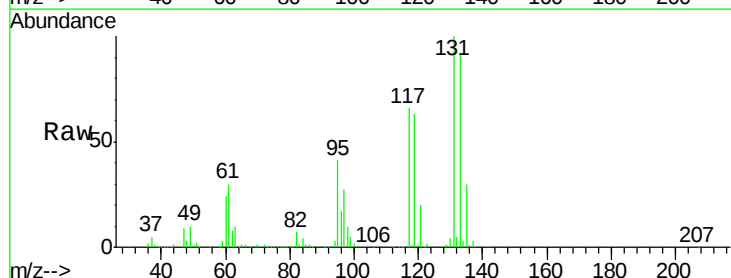
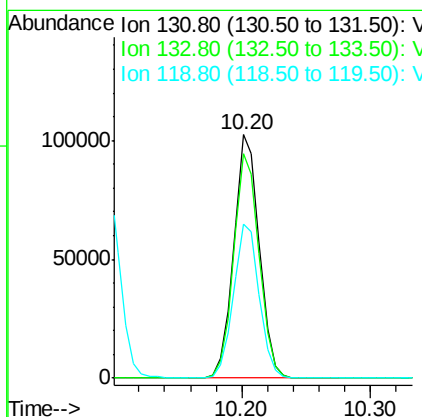
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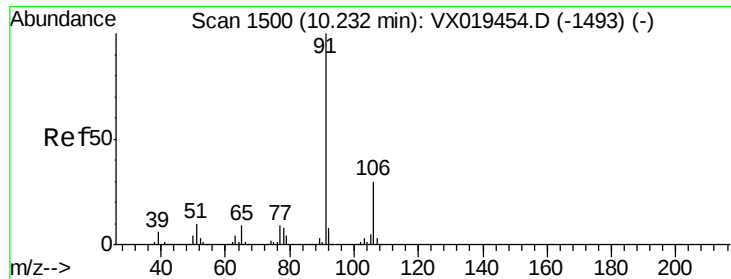
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.351 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	92.3	46.2	138.5
119	64.2	32.1	96.3





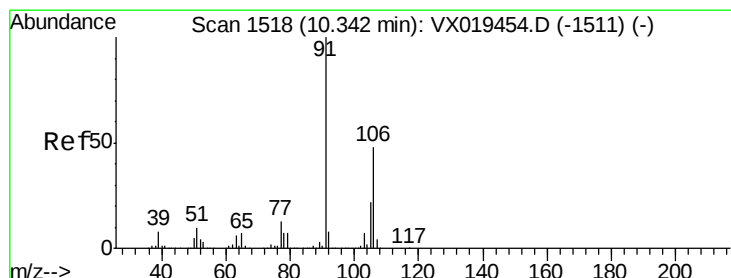
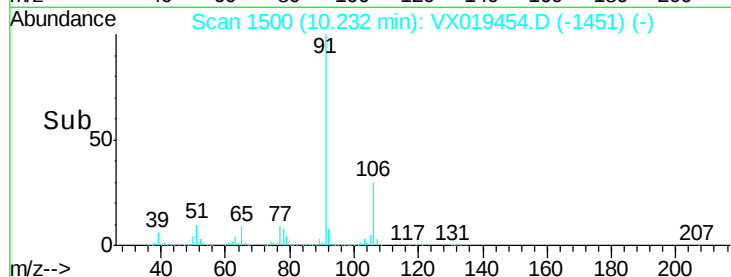
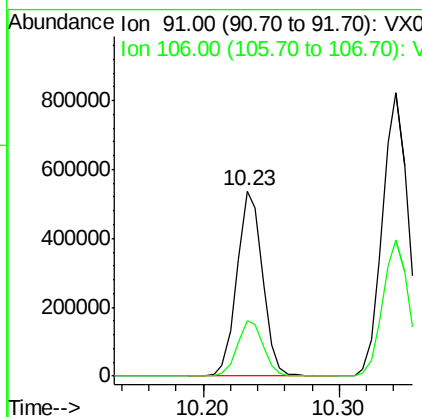
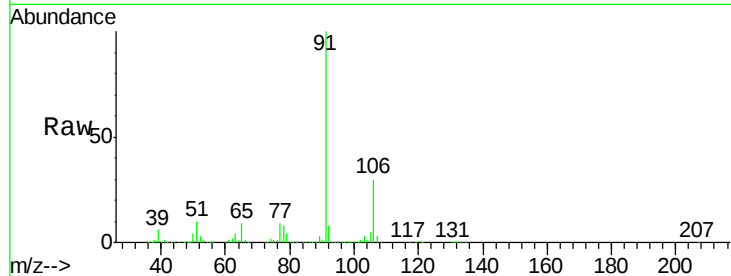
#67
Ethyl Benzene
Concen: 53.682 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		705019		
106	29.7	23.8	35.6		

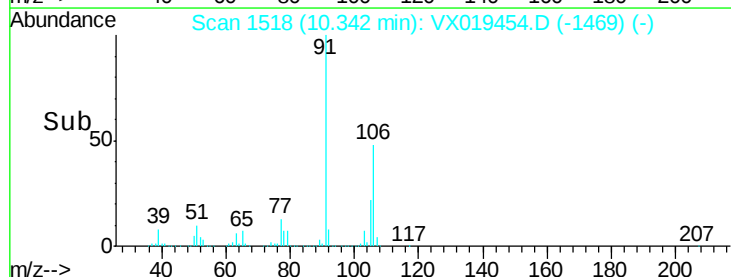
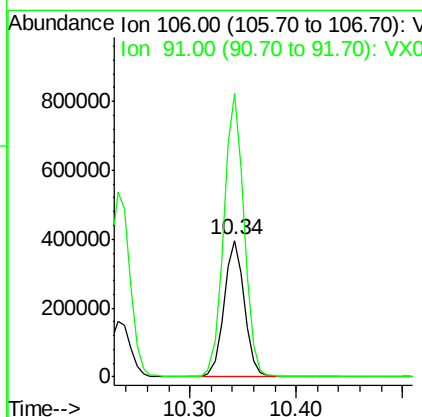
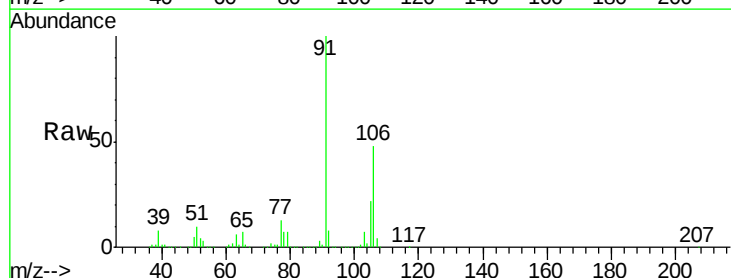
Manual Integrations
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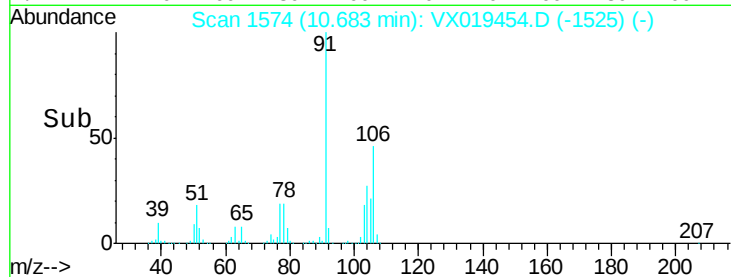
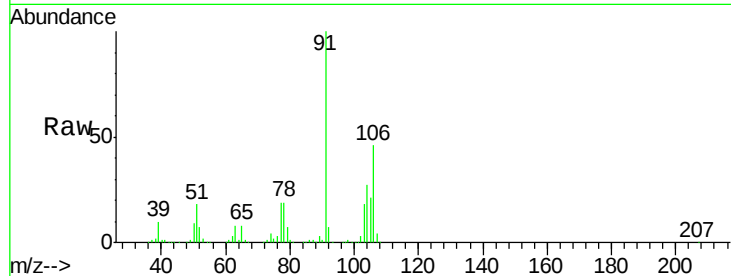
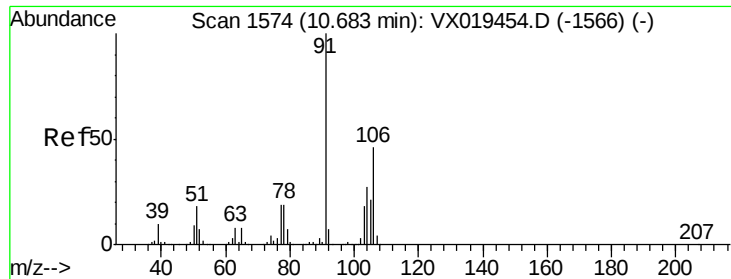
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11/19/2020 11:58:08 AM



#68
m/p-Xylenes
Concen: 106.772 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		524492		
91	209.0	167.2	250.8		





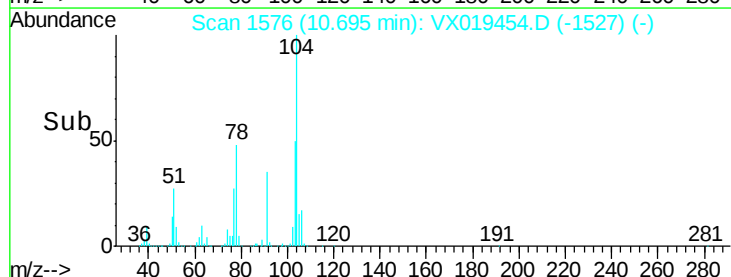
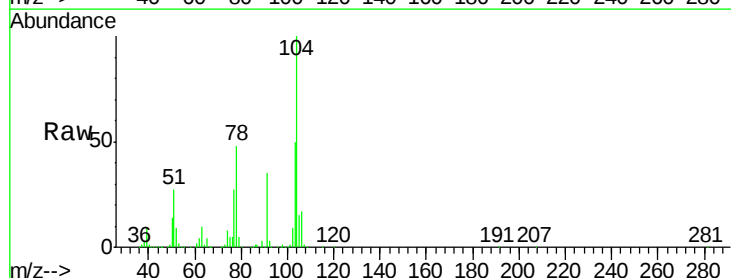
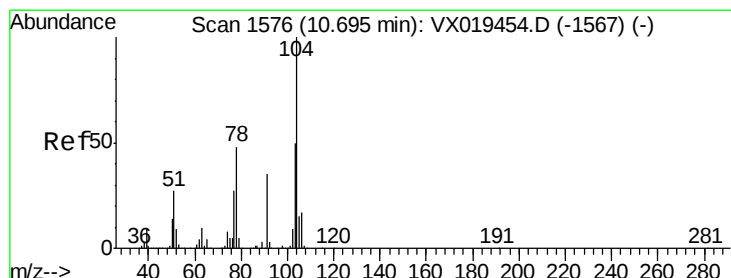
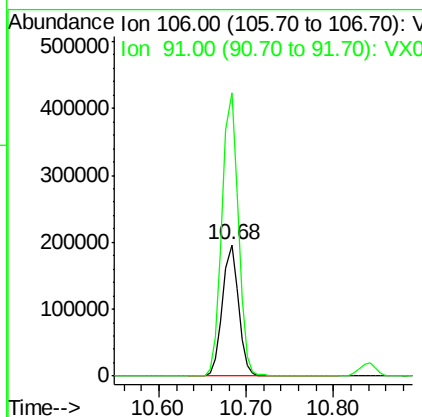
#69
o-Xylene
Concen: 53.191 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tot Ion	Ion	Ratio	Resp	Lower	Upper
247881	106	100			
	91	219.1	109.6	328.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

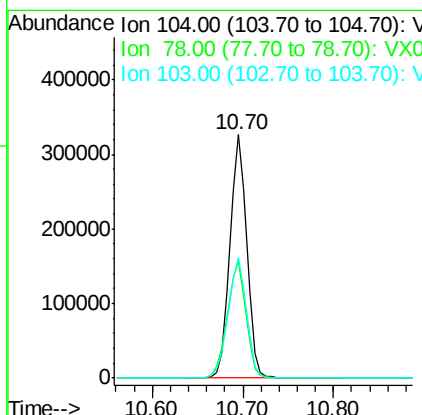
Manual Integrations
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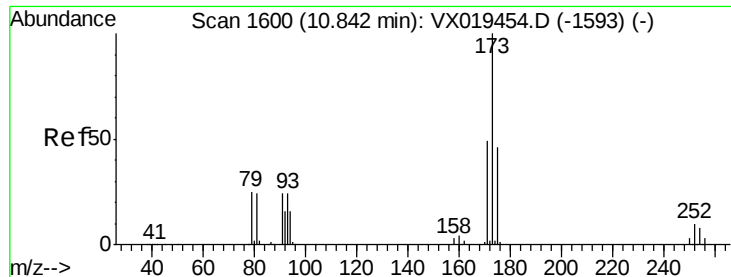
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#70
Styrene
Concen: 53.087 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
421742	104	100			
	78	53.4	42.7	64.1	
	103	54.0	43.2	64.8	





#71

Bromoform

Concen: 49.279 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 101246

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.7

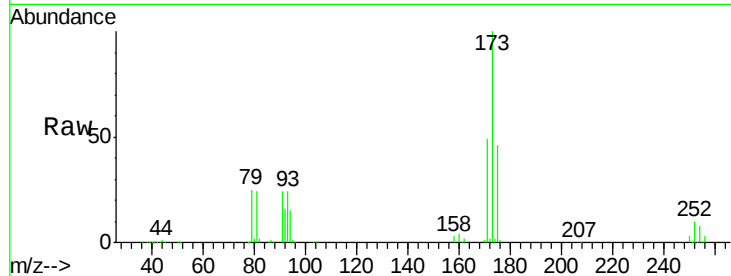
254 0.1 0.1 0.1#

Manual Integrations

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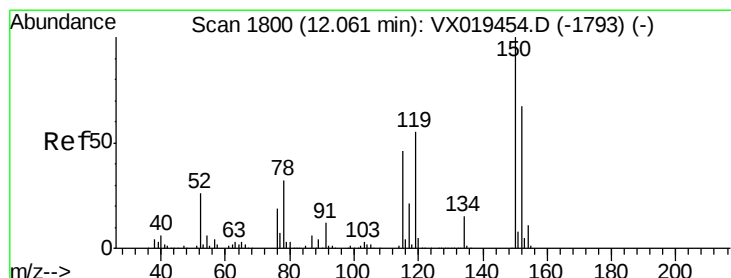
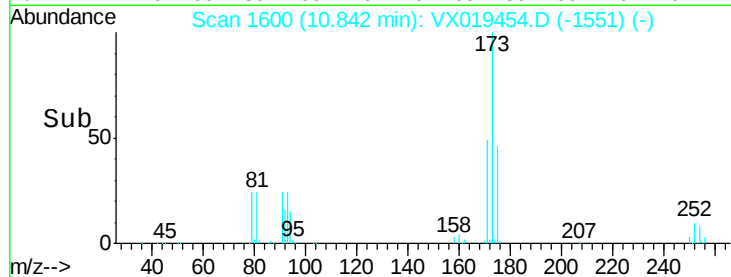
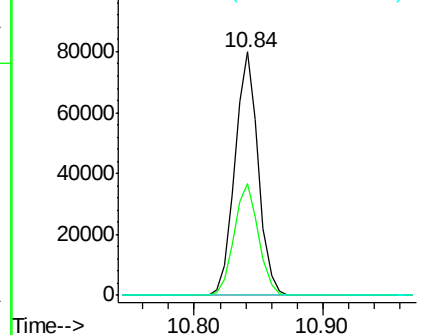
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

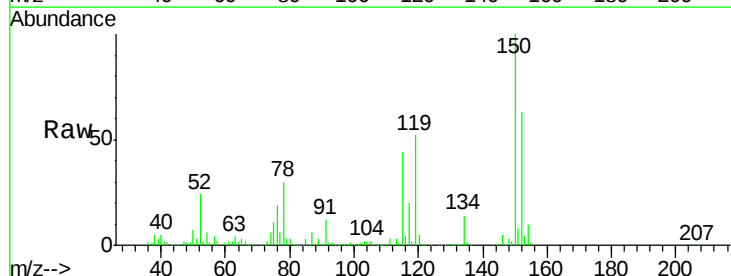
Tgt Ion:152 Resp: 176499

Ion Ratio Lower Upper

152 100

115 89.8 44.9 134.7

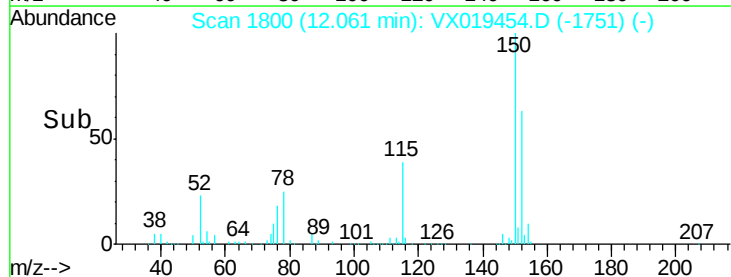
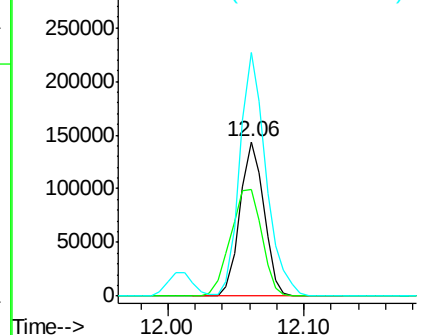
150 172.2 0.0 344.4

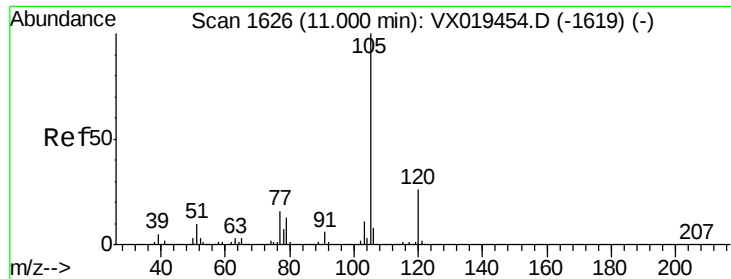


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.181 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 672628

Ion Ratio Lower Upper

105 100

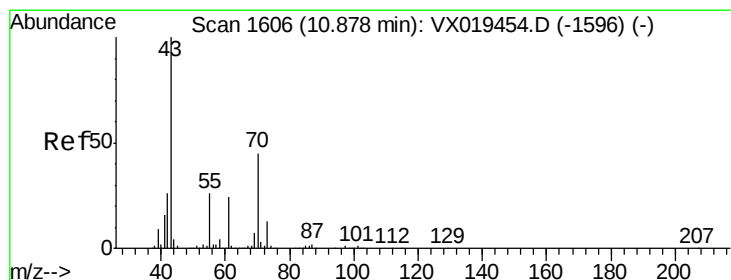
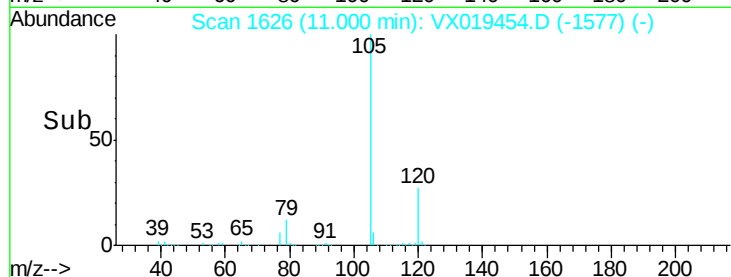
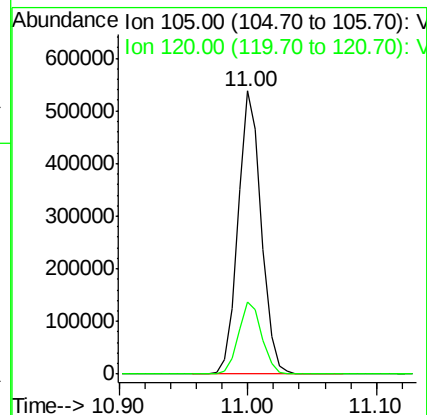
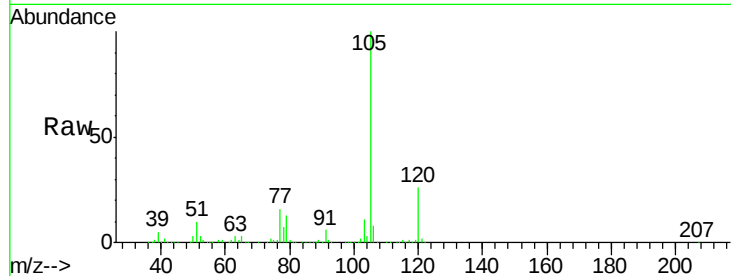
120 25.8 12.9 38.7

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#74

N-ethyl acetate

Concen: 60.815 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion: 43 Resp: 288358

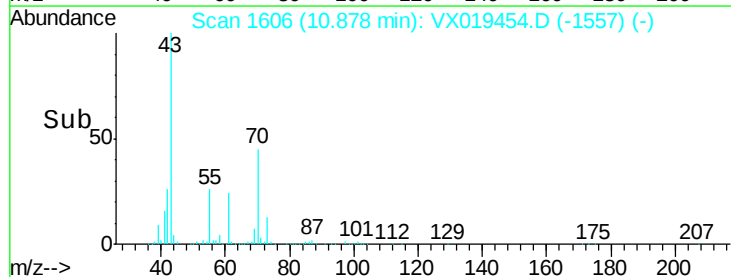
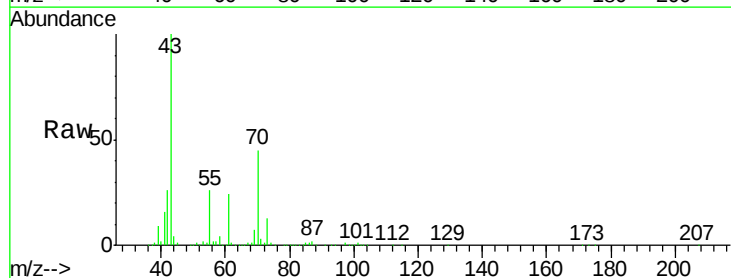
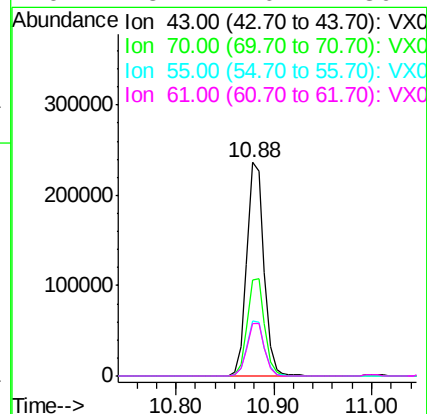
Ion Ratio Lower Upper

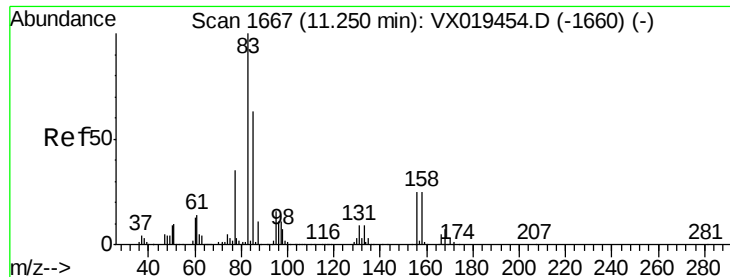
43 100

70 46.0 36.8 55.2

55 26.2 21.0 31.4

61 25.2 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 56.690 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 226815
Ion Ratio Lower Upper

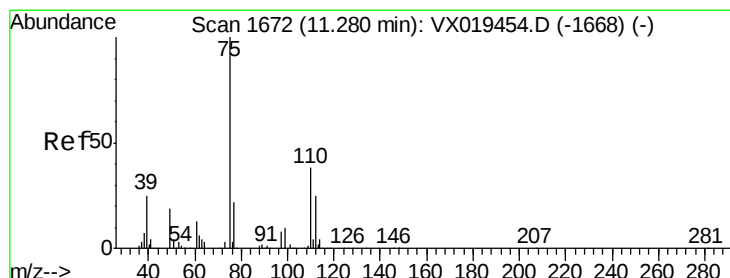
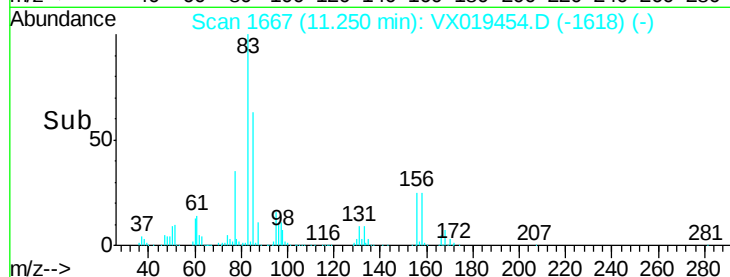
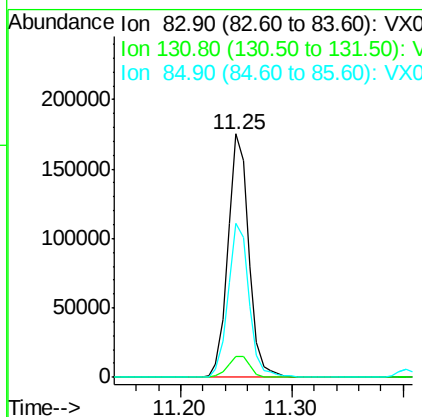
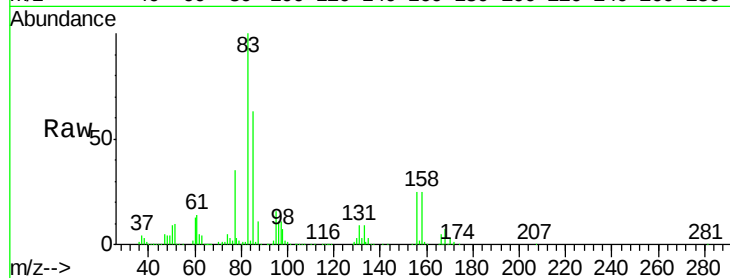
83 100

131 9.2 4.6 13.8

85 63.7 31.9 95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 57.445 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

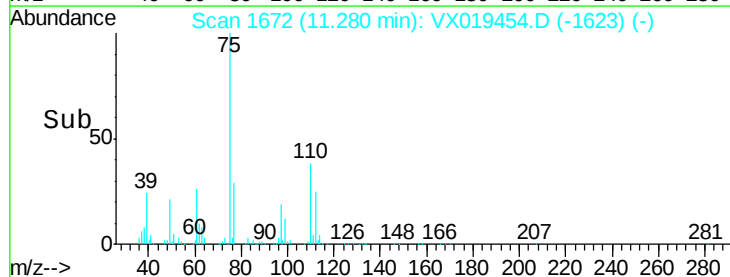
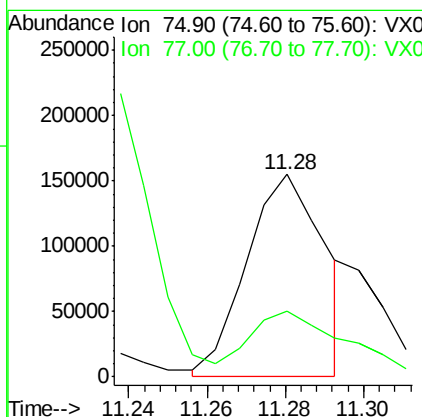
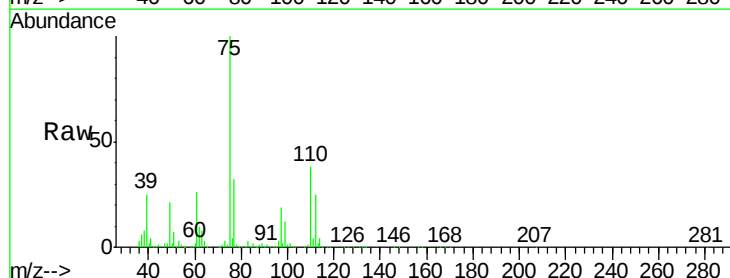
Lab File: VX019454.D

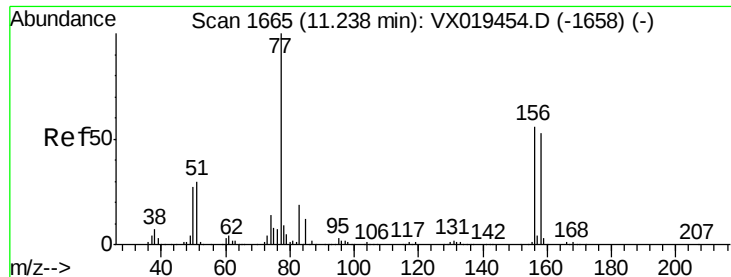
Acq: 18 Nov 2020 14:39

Tgt Ion: 75 Resp: 215094
Ion Ratio Lower Upper

75 100

77 39.9 20.0 59.9





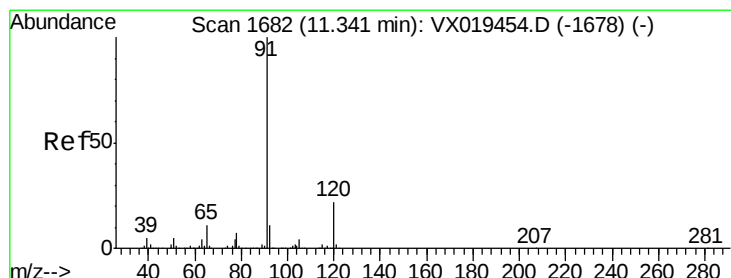
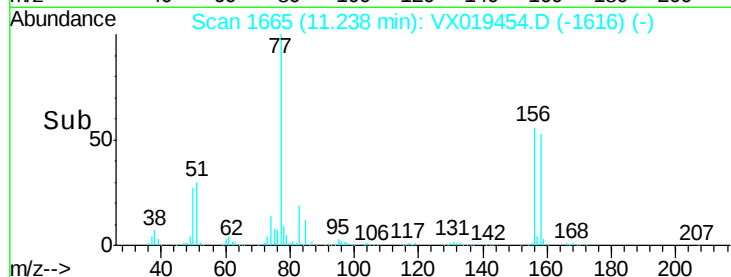
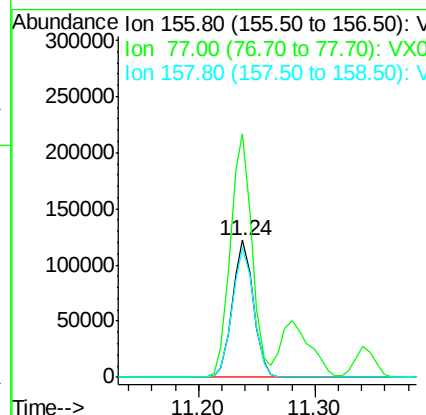
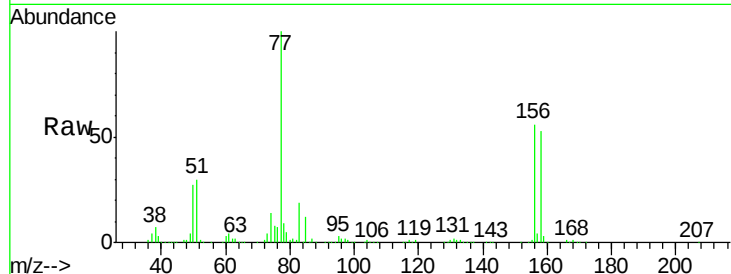
#77
Bromobenzene
Concen: 49.341 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	182.7	91.3	274.1
158	96.6	48.3	144.9

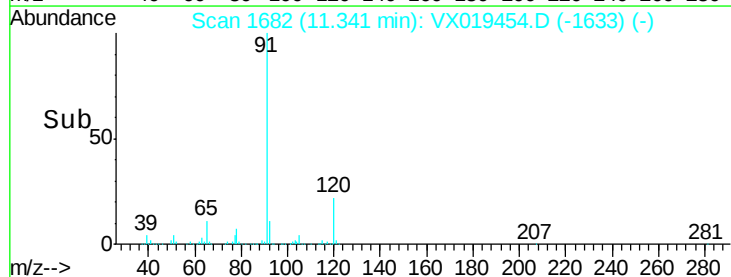
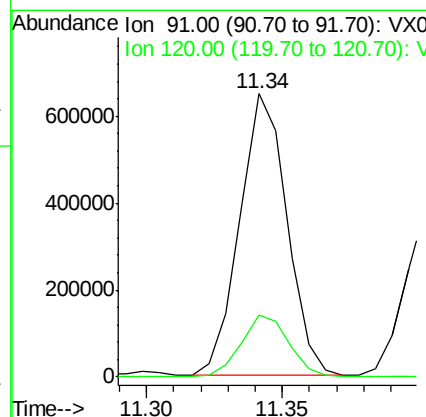
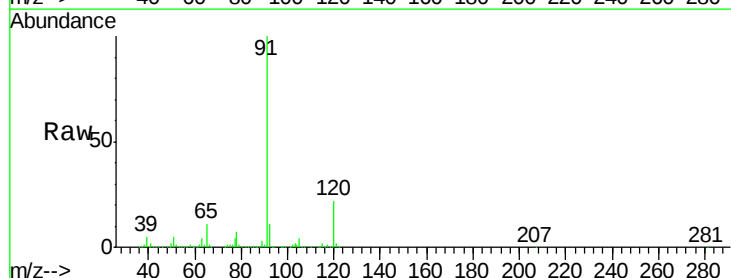
Manual Integrations
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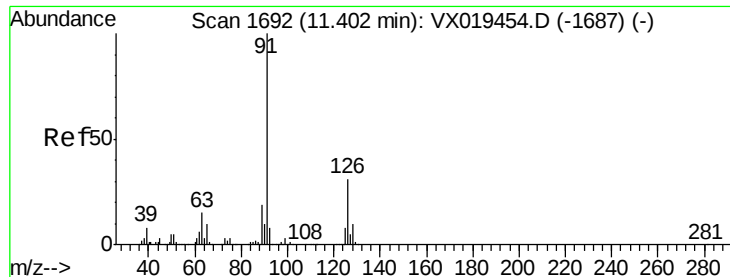
MMDadoda
11/19/2020 11:58:08 AM



#78
n-propylbenzene
Concen: 54.005 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.3





#79

2-Chlorotoluene

Concen: 54.697 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 468290

Ion Ratio Lower Upper

91 100

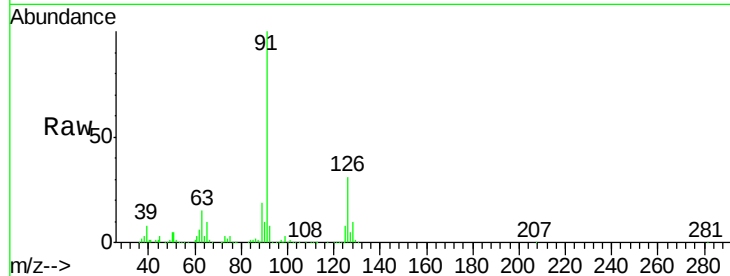
126 31.2 15.6 46.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019454.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019454.D (-1687) (-)

600000

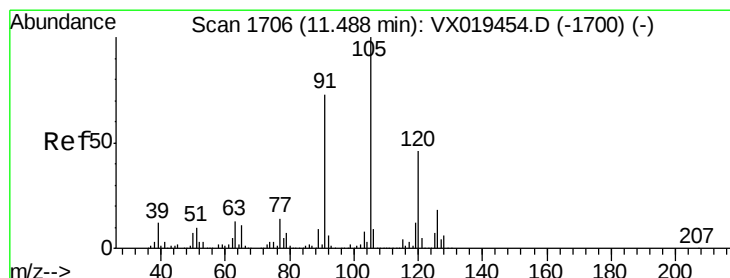
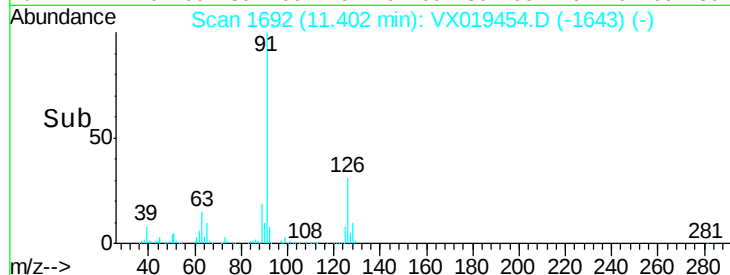
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 54.106 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019454.D

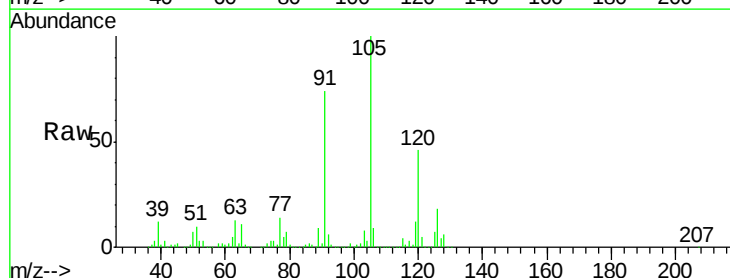
Acq: 18 Nov 2020 14:39

Tgt Ion: 105 Resp: 580049

Ion Ratio Lower Upper

105 100

120 47.2 23.6 70.8



Abundance Ion 105.00 (104.70 to 105.70): VX019454.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019454.D (-1700) (-)

500000

400000

300000

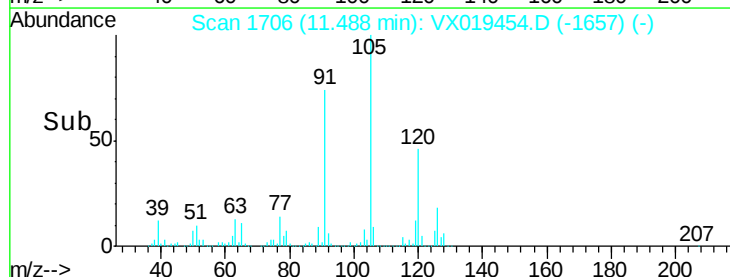
200000

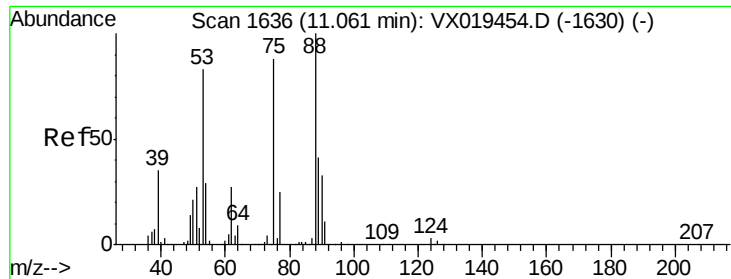
100000

0

11.40 11.45 11.50 11.55

Time-->





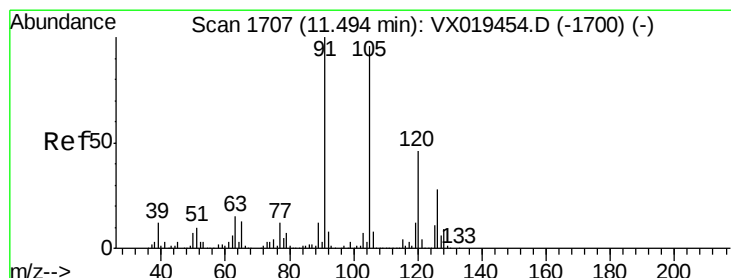
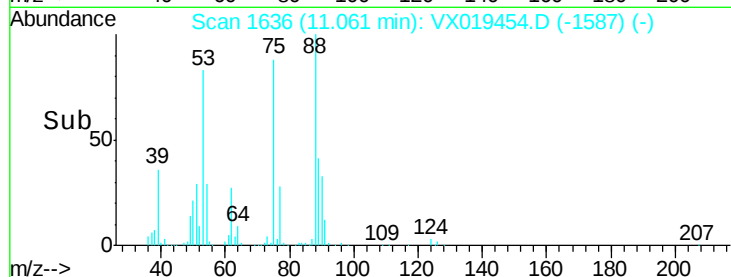
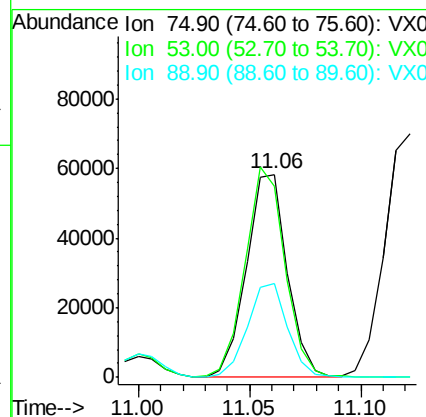
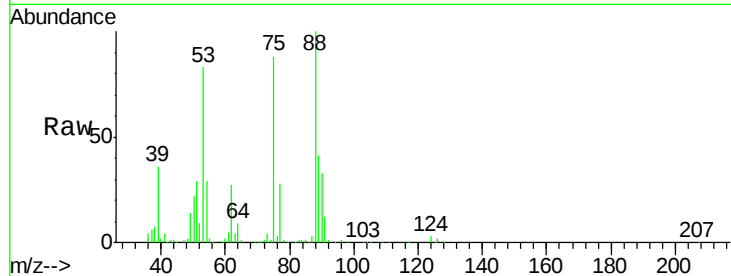
#81
trans-1,4-Dichloro-2-butene
Concen: 52.802 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.3	81.0	121.6
89	46.3	37.0	55.4

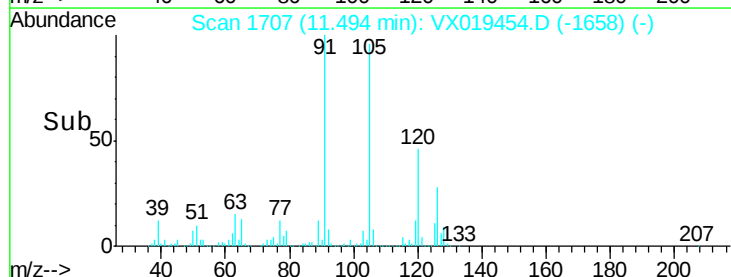
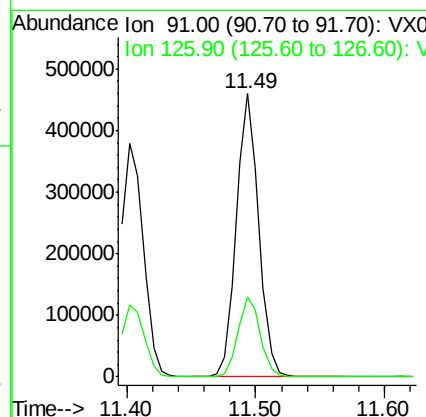
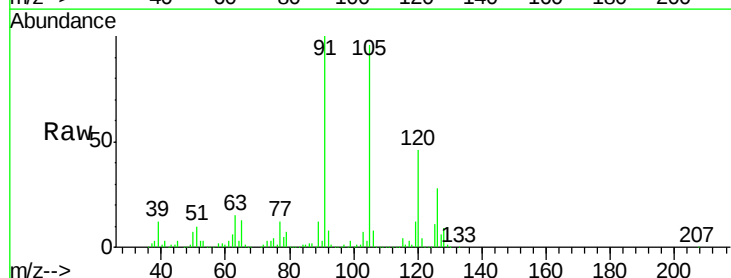
Manual Integrations
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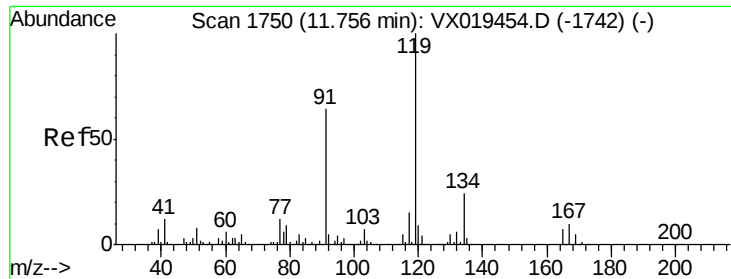
MMDadoda
11/19/2020 11:58:08 AM



#82
4-Chlorotoluene
Concen: 53.393 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.1	14.1	42.2





#83

tert-Butylbenzene

Concen: 51.675 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

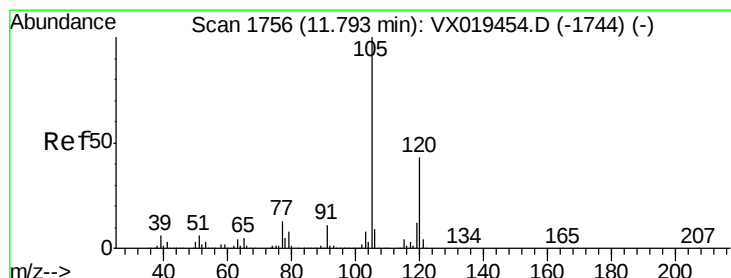
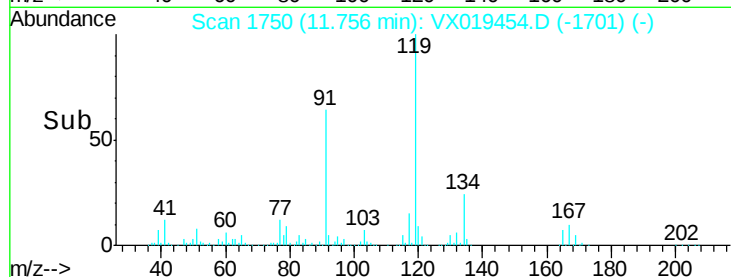
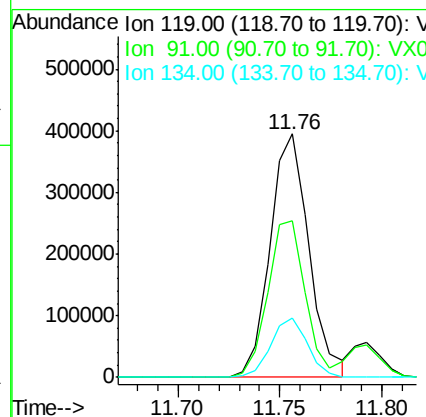
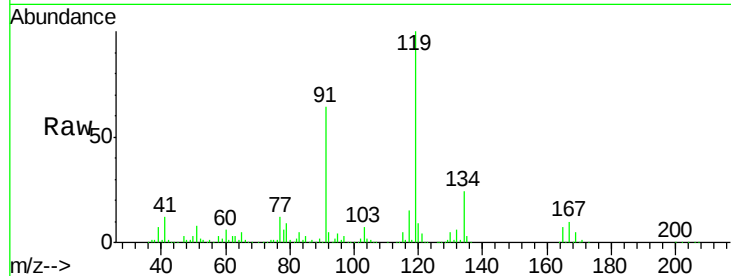
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	524130
Ion Ratio	Lower	Upper	
119	100		
91	62.1	31.1	93.2
134	23.1	11.6	34.7

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#84

1,2,4-Trimethylbenzene

Concen: 54.168 ug/l

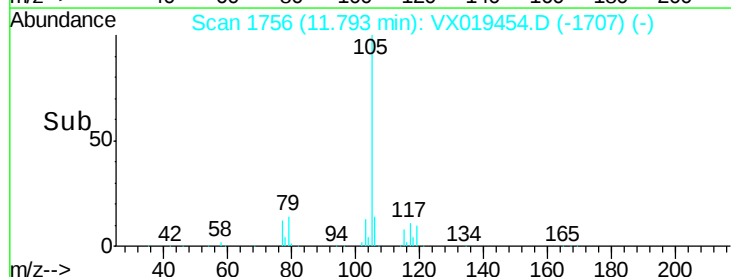
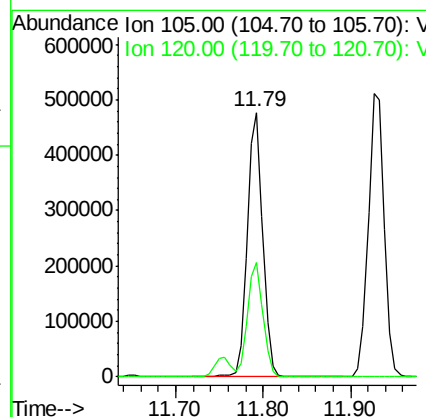
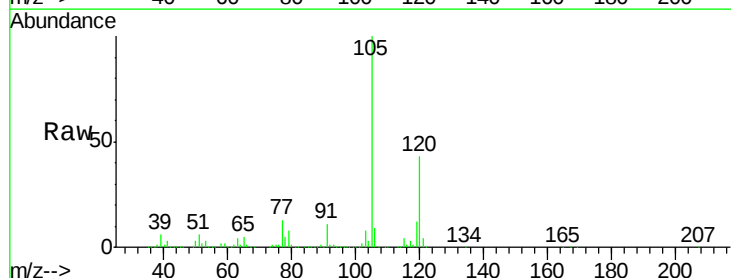
RT: 11.79 min Scan# 1756

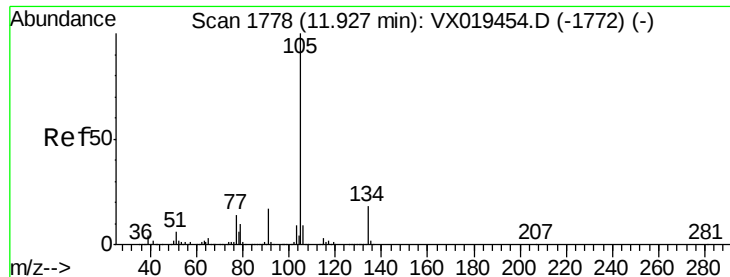
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	105	Resp:	585839
Ion Ratio	Lower	Upper	
105	100		
120	43.0	21.5	64.5





#85

sec-Butylbenzene

Concen: 53.179 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 651602

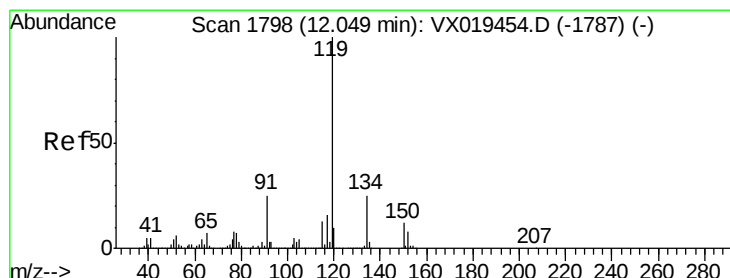
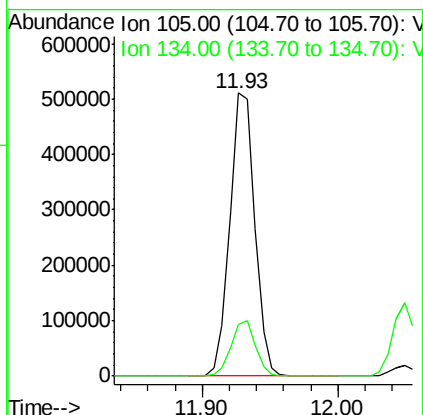
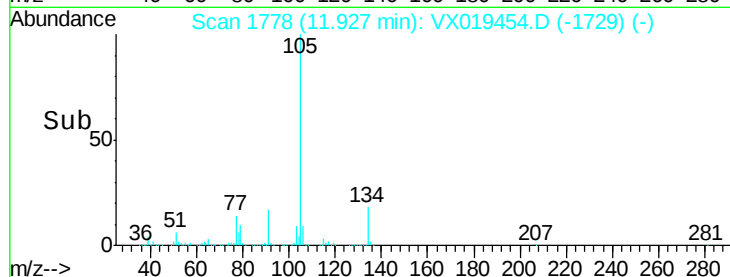
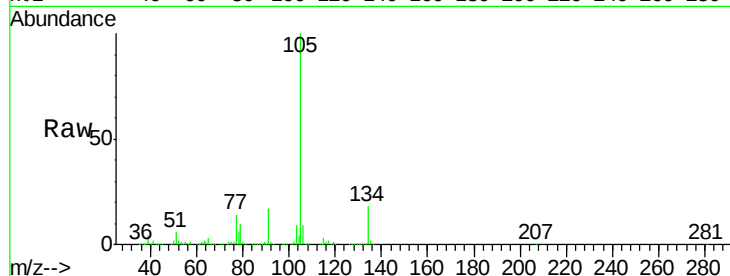
Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6

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#86

p-Isopropyltoluene

Concen: 52.906 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

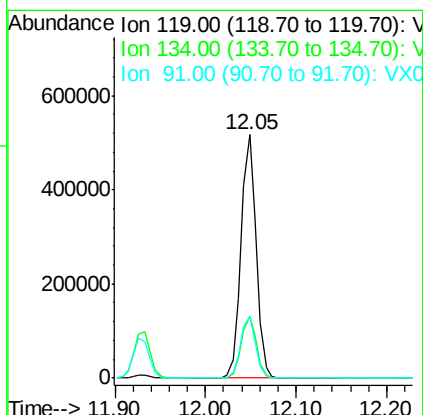
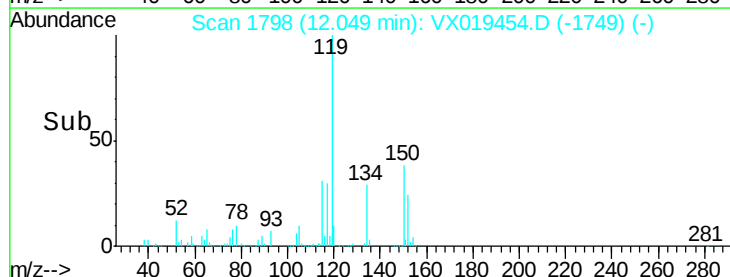
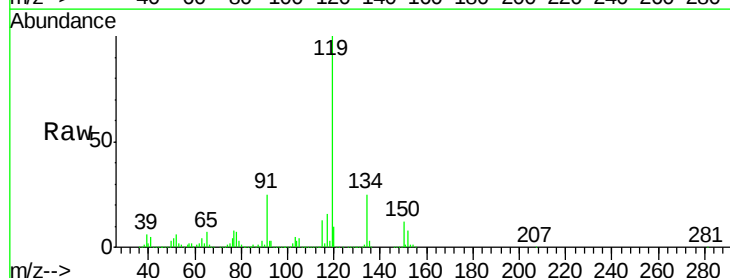
Tgt Ion:119 Resp: 596279

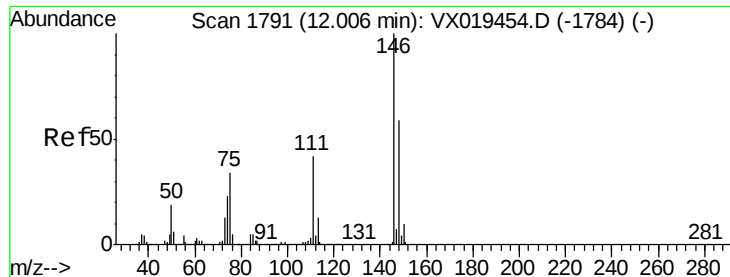
Ion Ratio Lower Upper

119 100

134 25.5 12.8 38.3

91 25.1 12.6 37.6





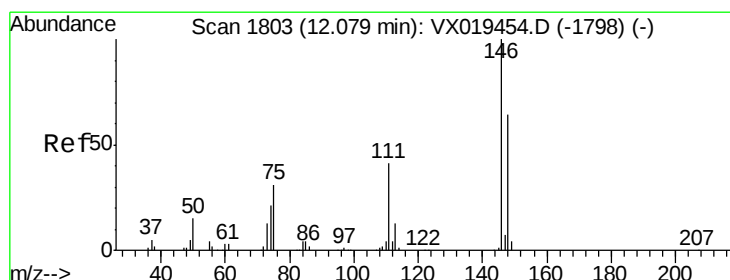
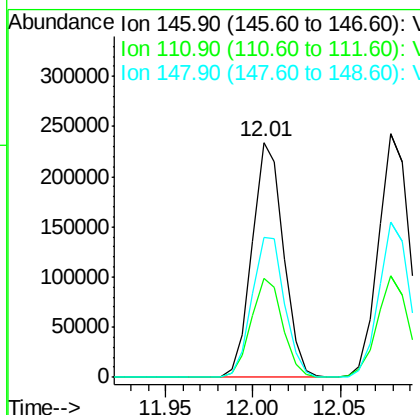
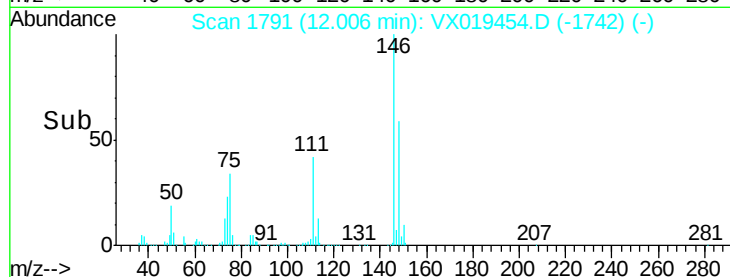
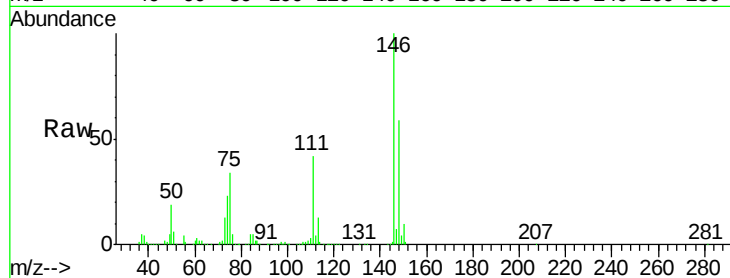
#87
 1,3-Dichlorobenzene
 Concen: 50.367 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.1	63.4
148	62.2	31.1	93.3

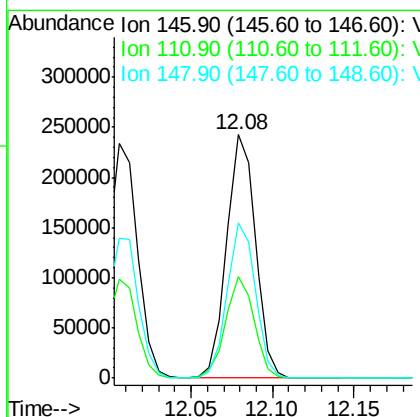
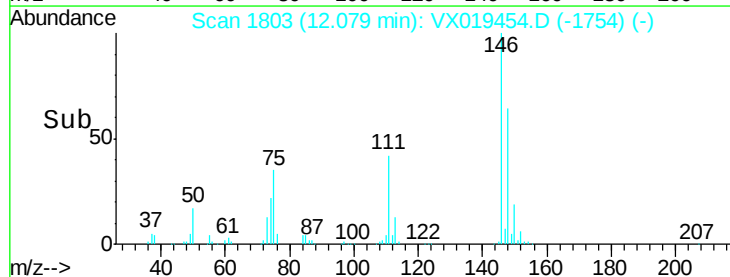
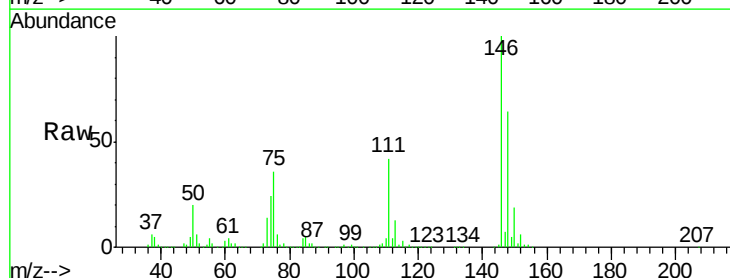
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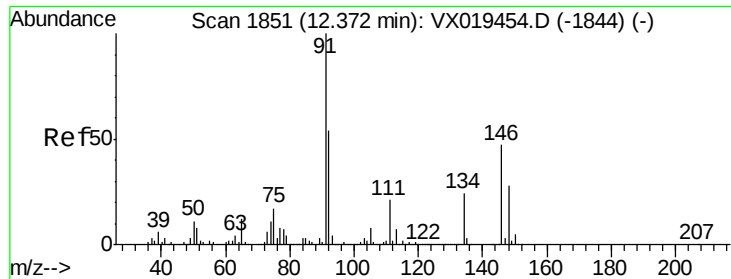
MMDadoda
 11/19/2020 11:58:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.206 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.7	62.1
148	62.7	31.4	94.0





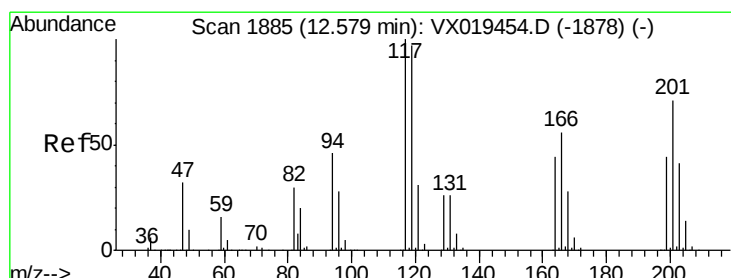
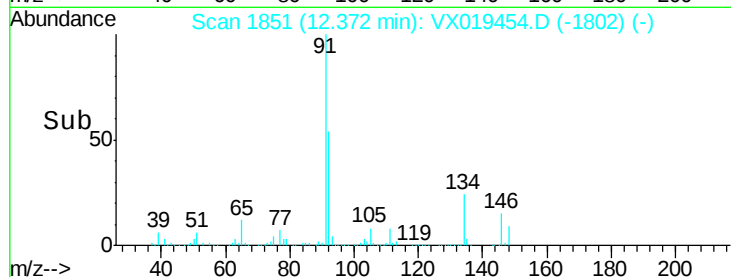
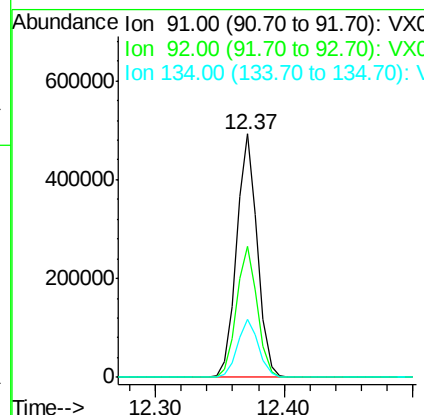
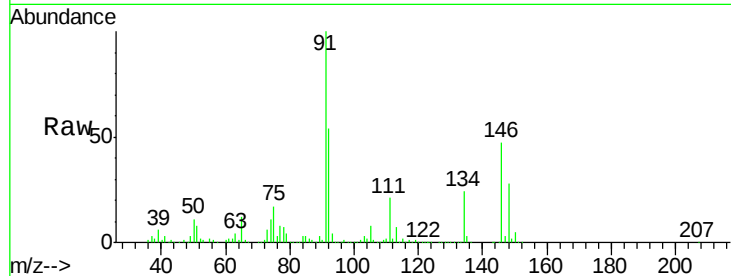
#89
n-Butylbenzene
Concen: 51.971 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	551865		
92	54.0		27.0	81.0
134	24.1		12.0	36.1

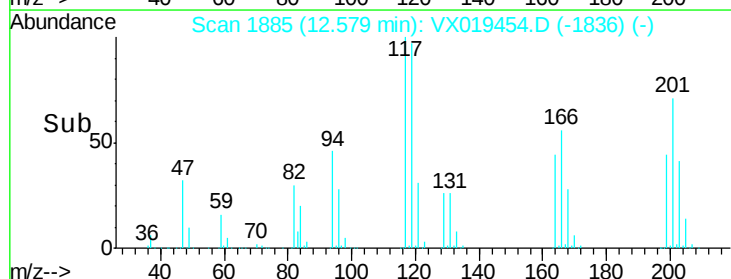
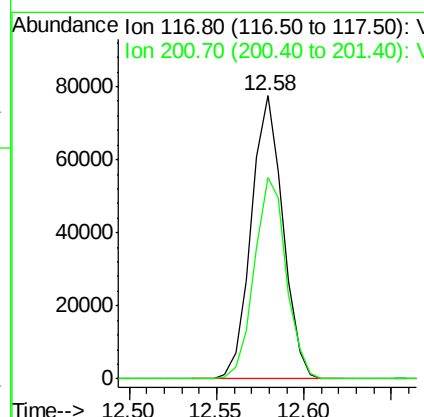
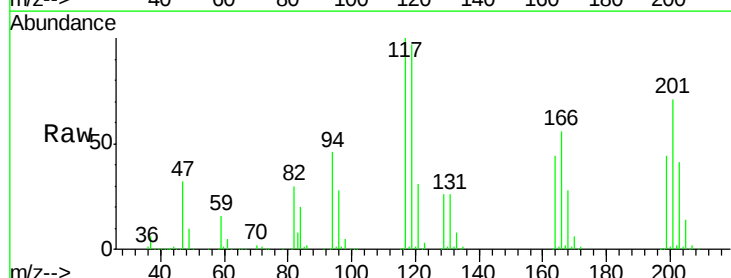
Manual Integrations
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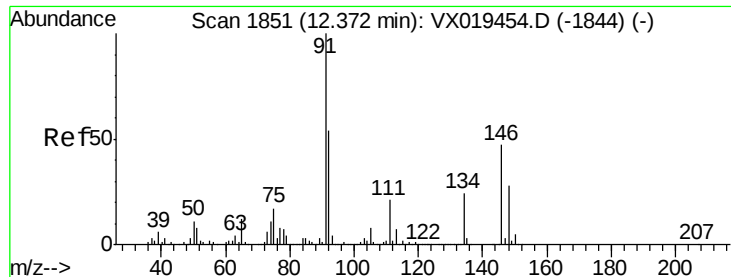
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#90
Hexachloroethane
Concen: 51.372 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019454.D
Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	97383		
201	71.5		35.8	107.3





#91

1,2-Dichlorobenzene

Concen: 52.030 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

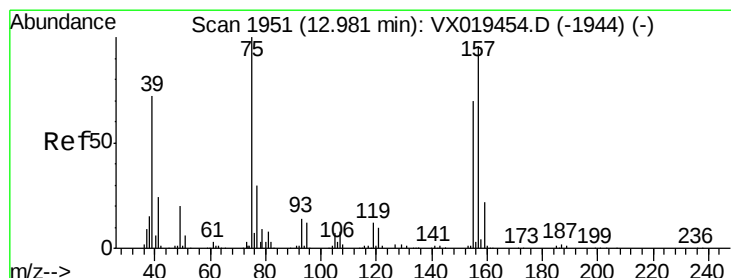
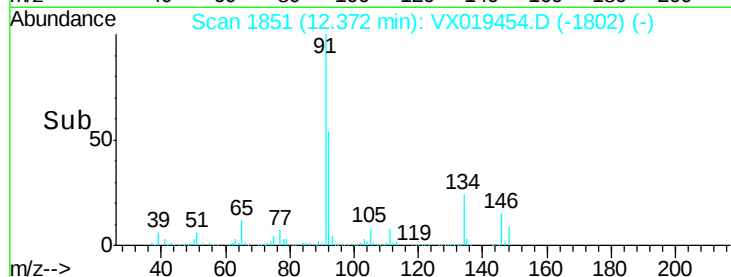
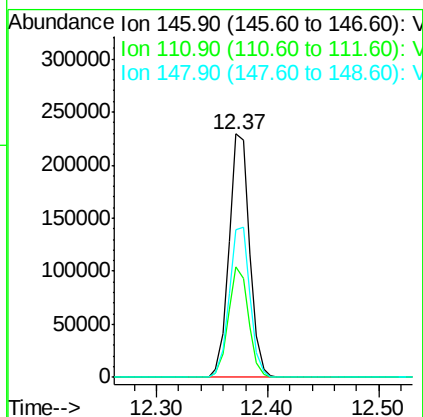
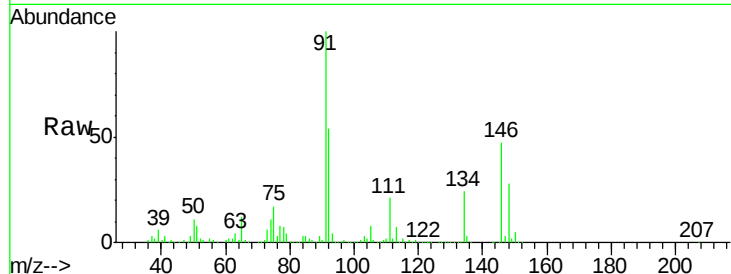
ClientSampleId :

VSTDICCC050

Tot Ion:	146	Resp:	291530
Ion Ratio	Lower	Upper	
146	100		
111	44.2	22.1	66.3
148	62.4	31.2	93.6

Manual Integrations
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11/19/2020 11:58:08 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.618 ug/l

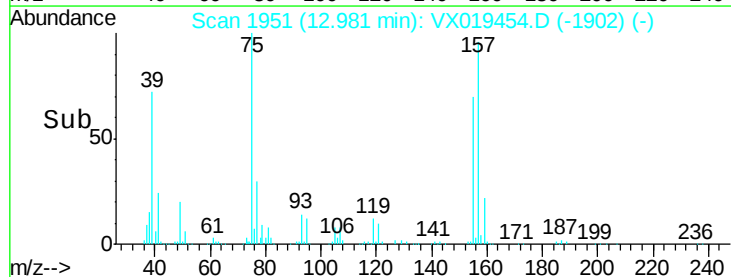
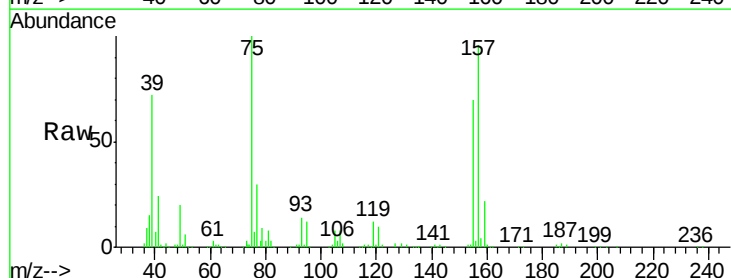
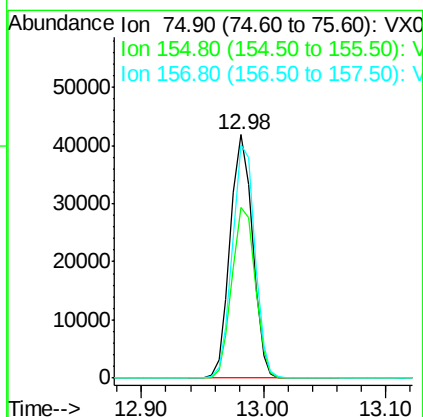
RT: 12.98 min Scan# 1951

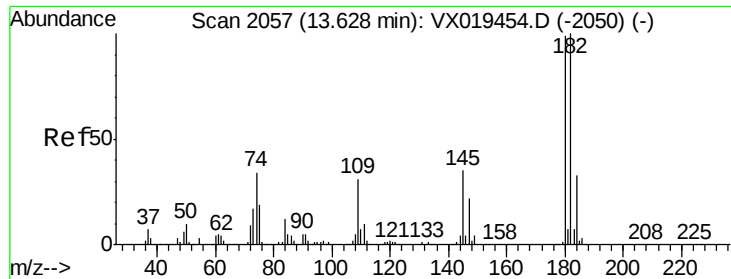
Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion:	75	Resp:	52977
Ion Ratio	Lower	Upper	
75	100		
155	72.7	36.4	109.1
157	95.9	47.9	143.8





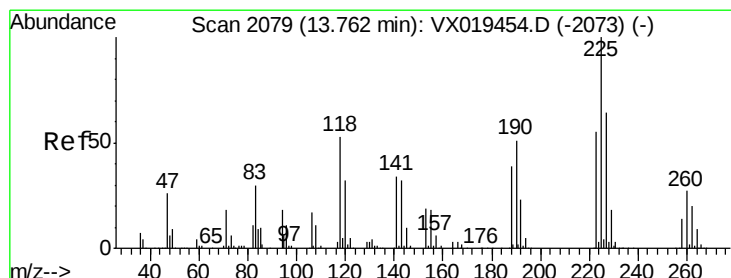
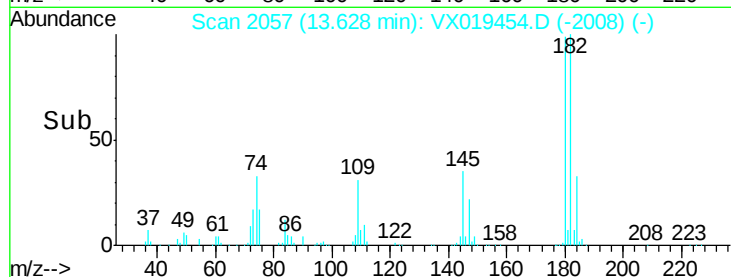
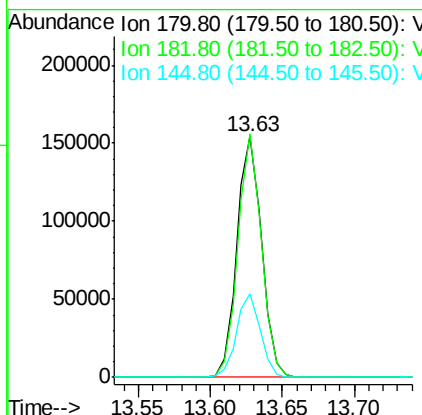
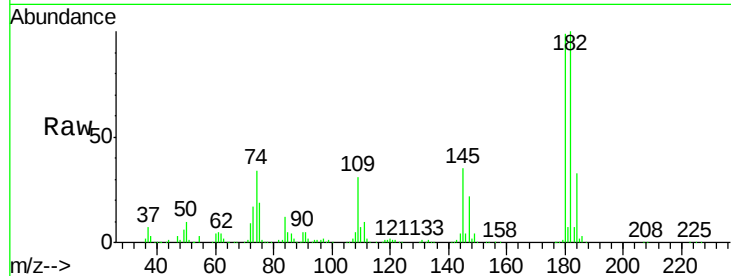
#93
 1,2,4-Trichlorobenzene
 Concen: 44.795 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	184294		
182	96.3	48.1	144.4	
145	33.7	16.9	50.6	

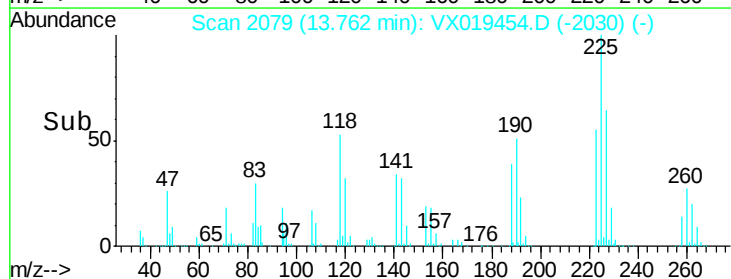
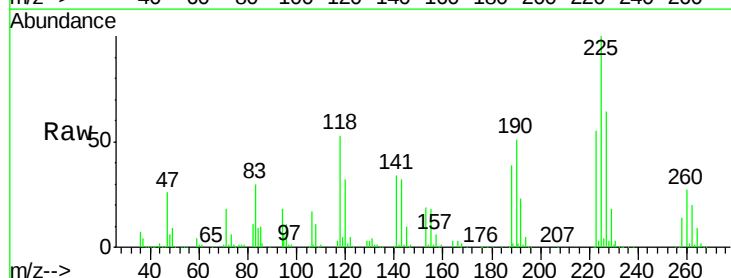
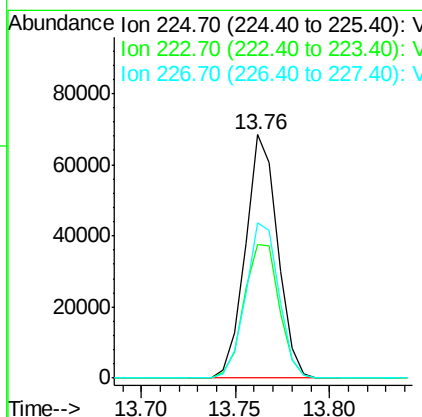
Manual Integrations
 APPROVED

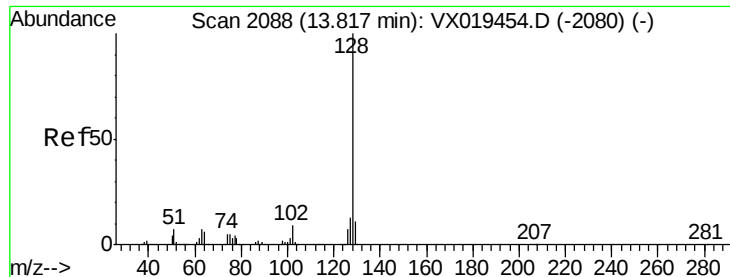
MMDadoda
 11/19/2020 11:58:08 AM



#94
 Hexachlorobutadiene
 Concen: 44.706 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019454.D
 Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81242		
223	59.9	29.9	89.8	
227	65.3	32.6	98.0	





#95

Naphthalene

Concen: 49.354 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Instrument :

MSVOA_X

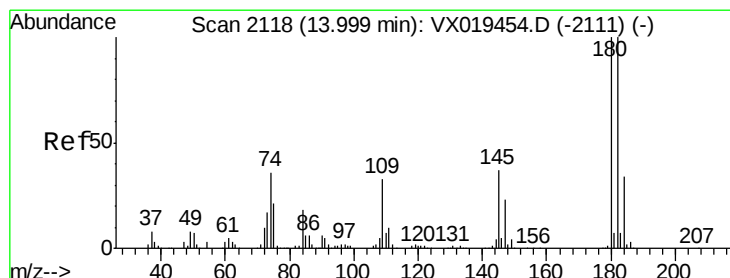
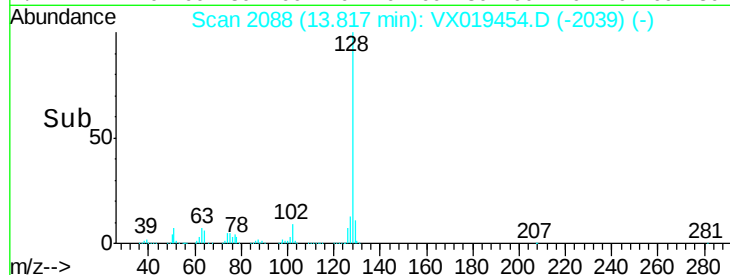
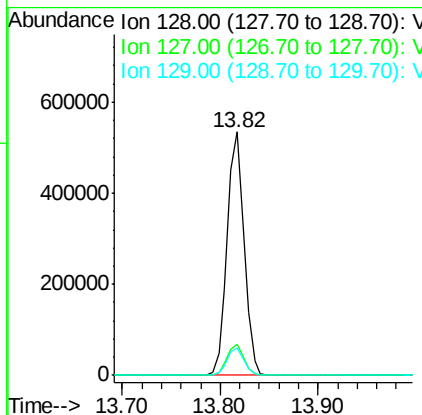
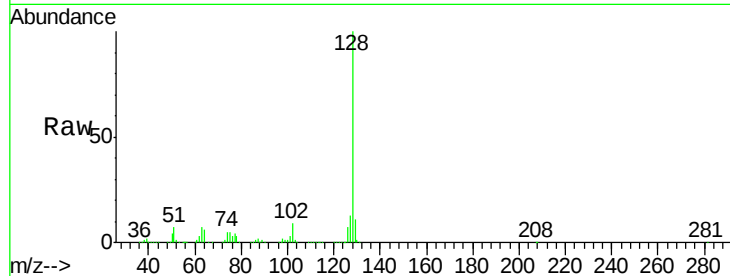
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
11/19/2020 11:58:08 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.828 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019454.D

Acq: 18 Nov 2020 14:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	49.0	147.0
145	35.2	17.6	52.8

