

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102320\
 Data File : VX019092.D
 Acq On : 23 Oct 2020 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 10:02:38 AM

Quant Time: Oct 26 05:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	222536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	371991	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	335129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174066	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	130314	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.46	113	115960	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
50) Toluene-d8	8.70	98	435855	48.50	ug/l	0.00
Spiked Amount			Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.12	95	153666	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	113648	51.270	ug/l	98
3) Chloromethane	1.31	50	101706	46.147	ug/l	99
4) Vinyl Chloride	1.39	62	127805	49.146	ug/l	99
5) Bromomethane	1.63	94	89153	36.154	ug/l	95
6) Chloroethane	1.71	64	86556	47.346	ug/l	99
7) Trichlorofluoromethane	1.92	101	219432	49.932	ug/l	100
8) Diethyl Ether	2.17	74	82873	48.160	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	106156	50.989	ug/l	99
10) Methyl Iodide	2.49	142	119838	41.695	ug/l	100
11) Tert butyl alcohol	3.02	59	127841	236.797	ug/l	100
12) 1,1-Dichloroethene	2.36	96	106162	49.013	ug/l	99
13) Acrolein	2.27	56	72528	350.472	ug/l	100
14) Allyl chloride	2.71	41	135010	48.182	ug/l	99
15) Acrylonitrile	3.11	53	255695	244.922	ug/l	100
16) Acetone	2.42	43	211411	232.846	ug/l	100
17) Carbon Disulfide	2.55	76	282225	45.179	ug/l	99
18) Methyl Acetate	2.75	43	114452	50.799	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	344908	50.270	ug/l	98
20) Methylene Chloride	2.84	84	123729	48.950	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	123840	48.998	ug/l	99
22) Diisopropyl ether	3.82	45	275592	49.877	ug/l	98
23) Vinyl Acetate	3.78	43	1307524	249.212	ug/l	100
24) 1,1-Dichloroethane	3.67	63	200996	49.951	ug/l	100
25) 2-Butanone	4.64	43	347985	242.562	ug/l	99
26) 2,2-Dichloropropane	4.55	77	172437	46.413	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	144218	50.279	ug/l	98
28) Bromochloromethane	4.98	49	82581	48.331	ug/l	95
29) Tetrahydrofuran	5.09	42	202770	236.474	ug/l	99
30) Chloroform	5.18	83	224698	51.434	ug/l	97
31) Cyclohexane	5.55	56	151728	48.606	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	203258	51.300	ug/l	100
36) 1,1-Dichloropropene	5.77	75	164372	49.245	ug/l	99
37) Ethyl Acetate	4.79	43	140348	49.264	ug/l	99
38) Carbon Tetrachloride	5.75	117	174625	49.844	ug/l	99

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MMDadoda
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Quant Time: Oct 26 05:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	182902	48.910	ug/l	100
40) Benzene	6.12	78	494196	50.272	ug/l	99
41) Methacrylonitrile	5.00	41	73974	48.338	ug/l	99
42) 1,2-Dichloroethane	6.16	62	169513	50.528	ug/l	100
43) Isopropyl Acetate	6.41	43	235915	48.895	ug/l	99
44) Trichloroethene	7.19	130	140179	48.897	ug/l	96
45) 1,2-Dichloropropane	7.49	63	118854	50.404	ug/l	99
46) Dibromomethane	7.63	93	89652	49.918	ug/l	99
47) Bromodichloromethane	7.88	83	177345	50.362	ug/l	98
48) Methyl methacrylate	7.74	41	111622	46.952	ug/l	98
49) 1,4-Dioxane	7.73	88	52291	973.481	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	708565	249.220	ug/l	100
52) Toluene	8.76	92	325669	50.158	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	192026	48.290	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	209207	49.820	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	131357	49.627	ug/l	98
56) Ethyl methacrylate	9.16	69	191606	50.316	ug/l	99
57) 1,3-Dichloropropane	9.35	76	213718	50.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	491298	245.598	ug/l	99
59) 2-Hexanone	9.47	43	526351	248.426	ug/l	100
60) Dibromochloromethane	9.57	129	144386	50.048	ug/l	98
61) 1,2-Dibromoethane	9.65	107	140657	49.667	ug/l	100
64) Tetrachloroethene	9.32	164	126486	49.572	ug/l	97
65) Chlorobenzene	10.12	112	353182	50.242	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	130603	52.257	ug/l	99
67) Ethyl Benzene	10.24	91	622487	51.372	ug/l	97
68) m/p-Xylenes	10.34	106	479706	103.347	ug/l	98
69) o-Xylene	10.68	106	228708	51.483	ug/l	100
70) Styrene	10.70	104	390719	51.804	ug/l	99
71) Bromoform	10.84	173	102941	51.023	ug/l	100
73) Isopropylbenzene	11.00	105	620838	49.580	ug/l	100
74) N-amyl acetate	10.88	43	197616	49.256	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	193748	51.361	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	176838m	50.829	ug/l	
77) Bromobenzene	11.24	156	155944	49.312	ug/l	98
78) n-propylbenzene	11.34	91	706096	49.764	ug/l	99
79) 2-Chlorotoluene	11.40	91	408153	49.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	512439	49.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	62624	45.860	ug/l	99
82) 4-Chlorotoluene	11.49	91	483083	49.047	ug/l	99
83) tert-Butylbenzene	11.76	119	510599	50.125	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	519472	50.170	ug/l	100
85) sec-Butylbenzene	11.93	105	613166	49.743	ug/l	98
86) p-Isopropyltoluene	12.05	119	569469	50.561	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	286509	49.388	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	292086	49.063	ug/l	99
89) n-Butylbenzene	12.37	91	504723	48.957	ug/l	100
90) Hexachloroethane	12.58	117	87083	50.504	ug/l	96
91) 1,2-Dichlorobenzene	12.37	146	278615	51.511	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	42944	49.994	ug/l	99

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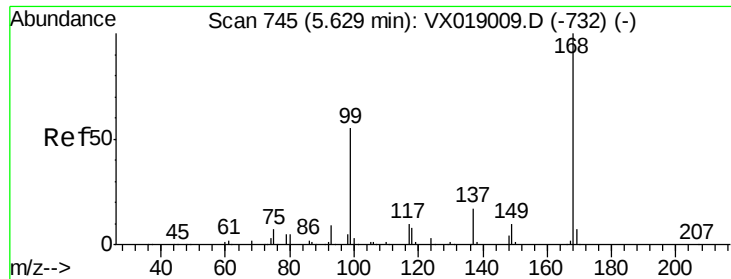
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190895	48.241	ug/l	97
94) Hexachlorobutadiene	13.77	225	79790	43.493	ug/l	97
95) Naphthalene	13.82	128	644637	51.776	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	193733	50.297	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 222536

Ion Ratio Lower Upper

168 100

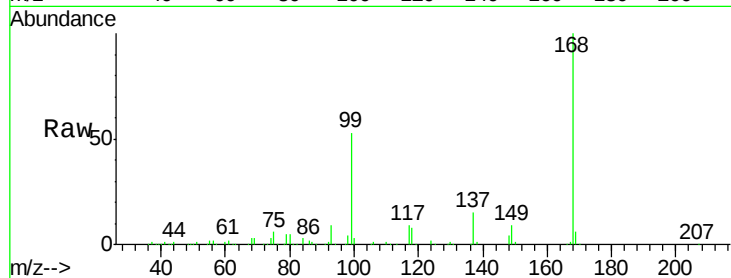
99 52.6 44.2 66.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

80000

60000

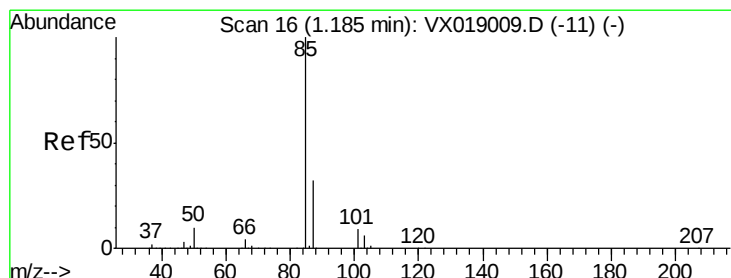
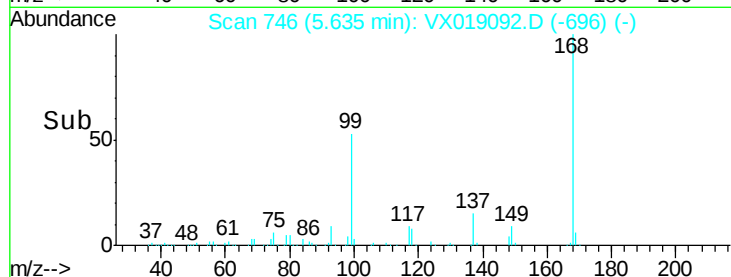
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 51.270 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019092.D

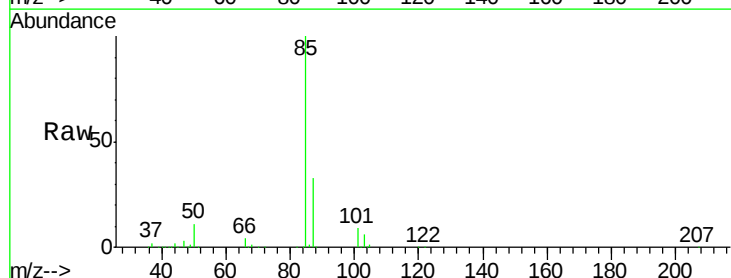
Acq: 23 Oct 2020 22:06

Tgt Ion: 85 Resp: 113648

Ion Ratio Lower Upper

85 100

87 33.5 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

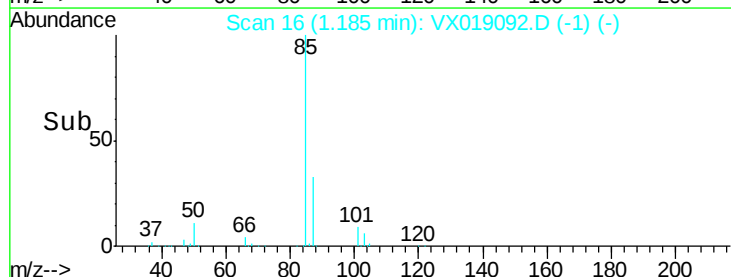
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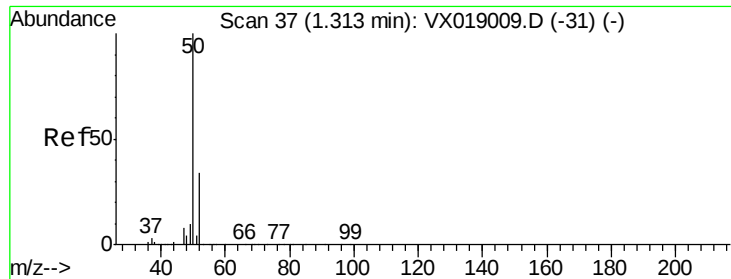
50000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 46.147 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 101706

Ion Ratio Lower Upper

50 100

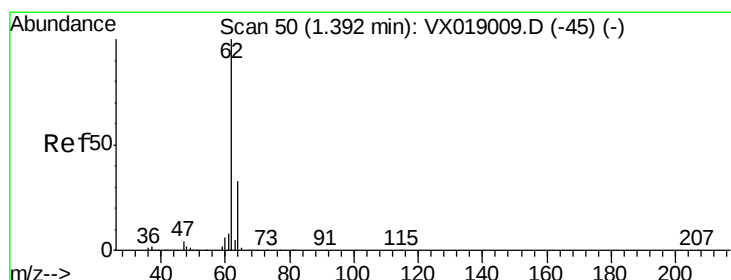
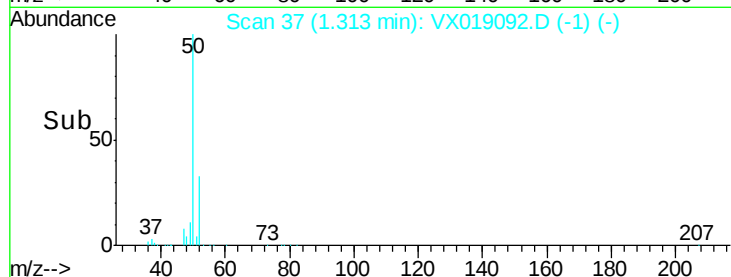
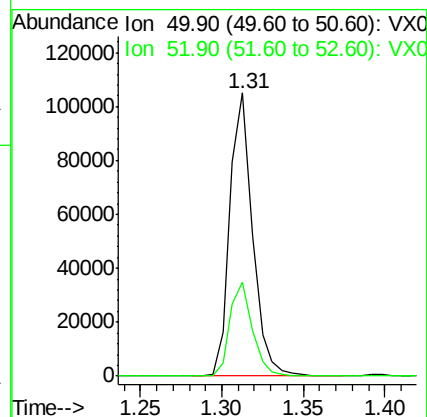
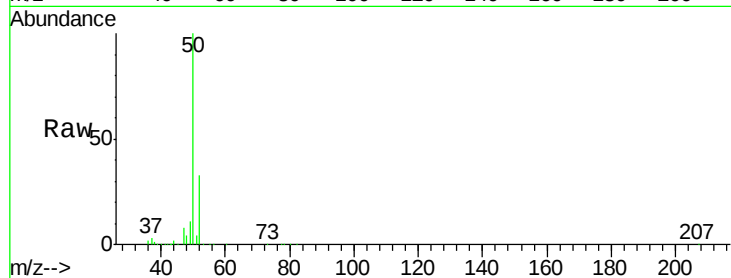
52 33.2 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019092.D

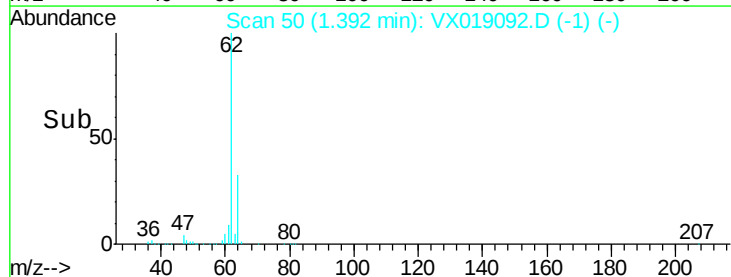
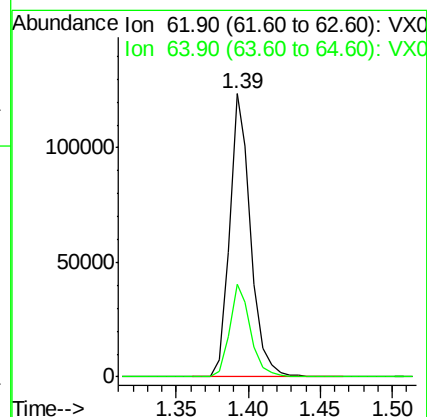
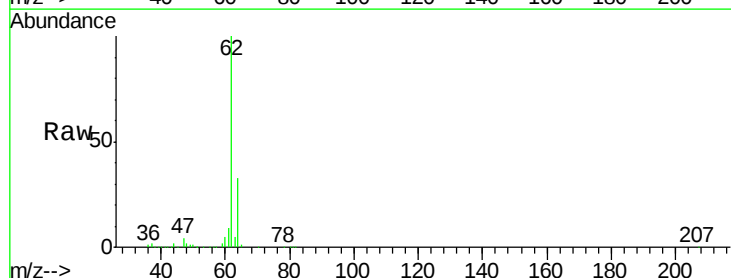
Acq: 23 Oct 2020 22:06

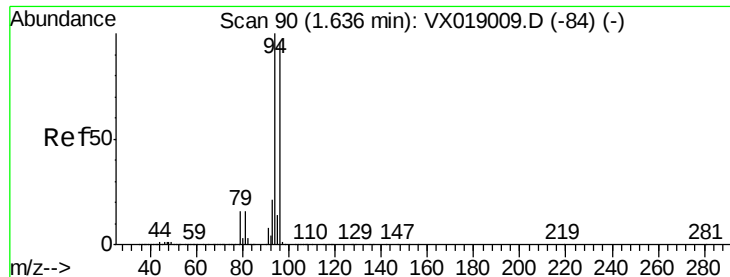
Tgt Ion: 62 Resp: 127805

Ion Ratio Lower Upper

62 100

64 32.7 26.5 39.7





#5

Bromomethane

Concen: 36.154 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 89153

Ion Ratio Lower Upper

94 100

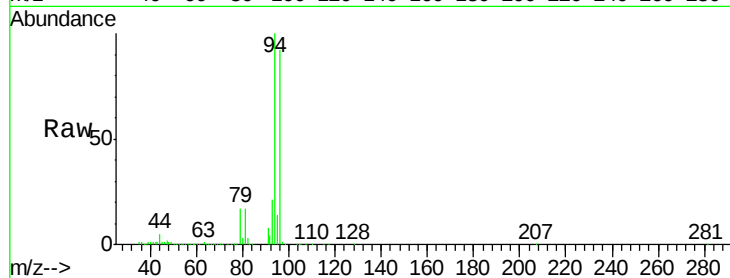
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Manual Integrations

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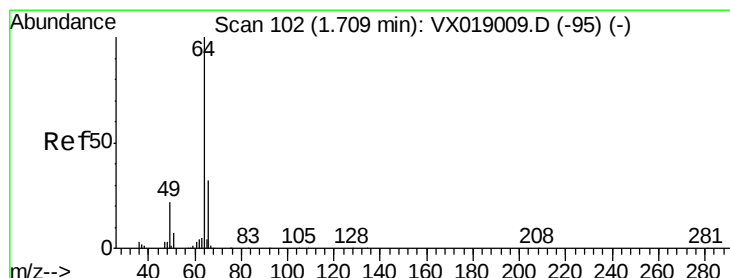
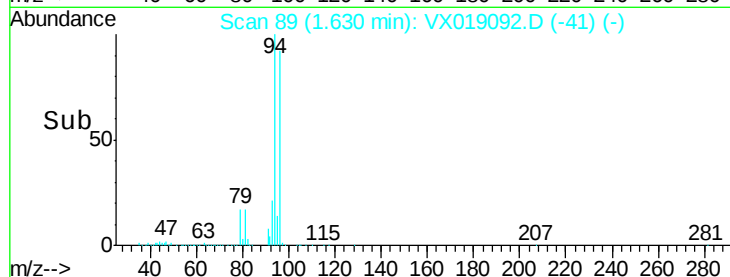
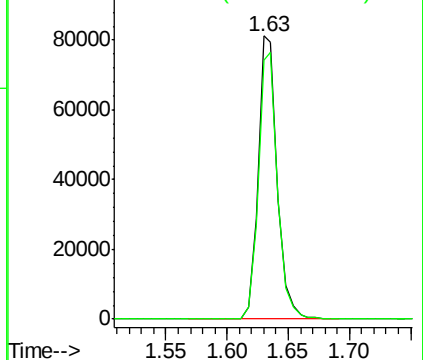
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.346 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX019092.D

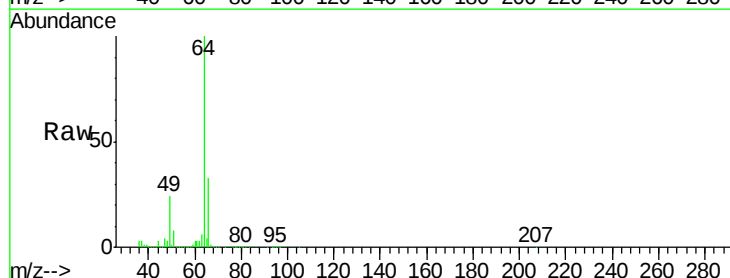
Acq: 23 Oct 2020 22:06

Tgt Ion: 64 Resp: 86556

Ion Ratio Lower Upper

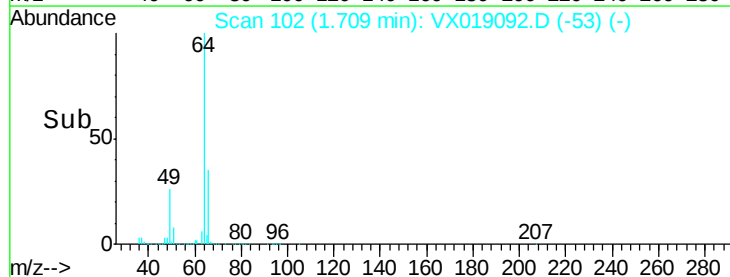
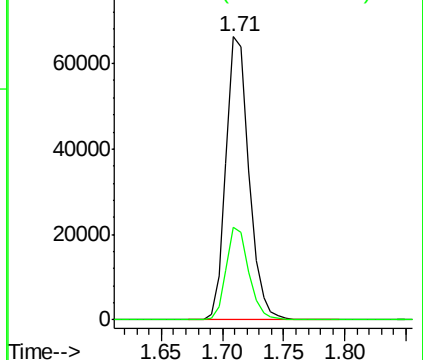
64 100

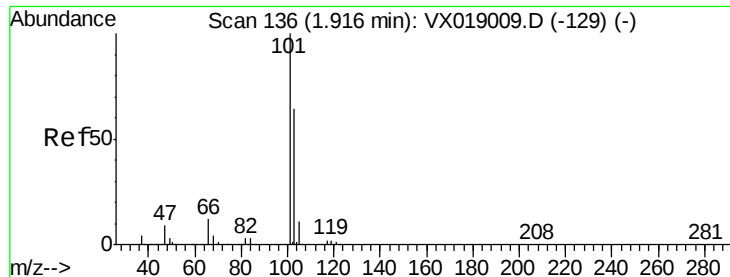
66 32.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

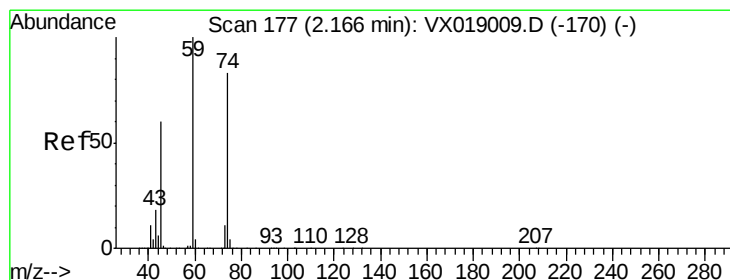
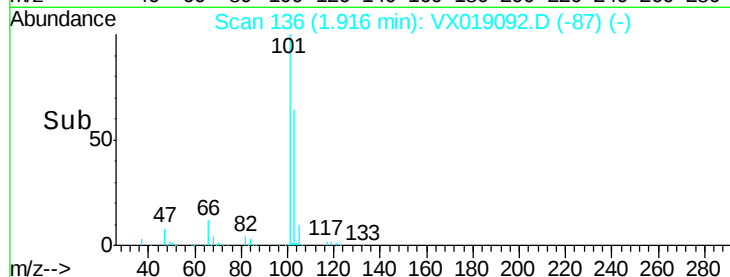
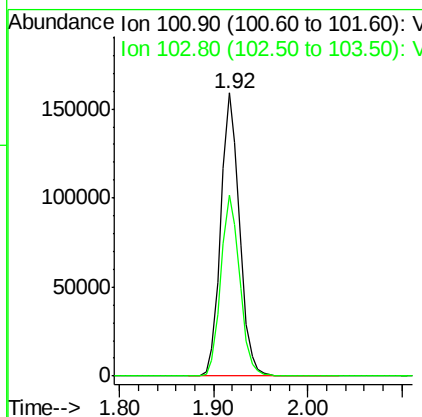
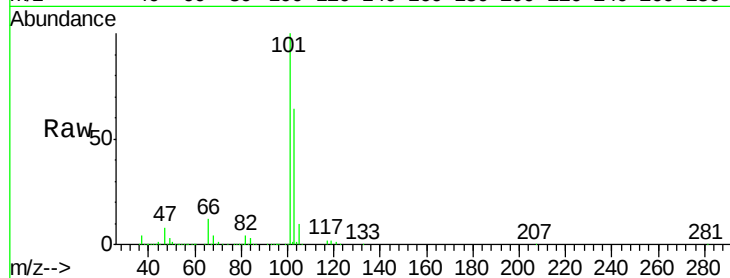
Trichlorofluoromethane
Concen: 49.932 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

Manual Integrations
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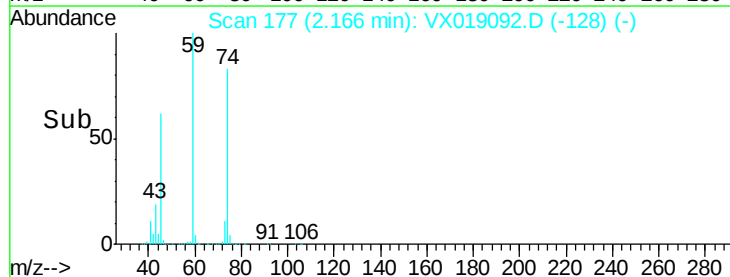
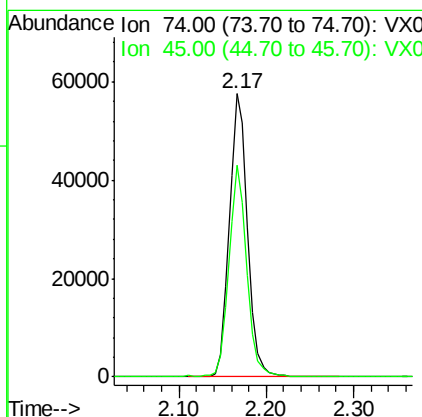
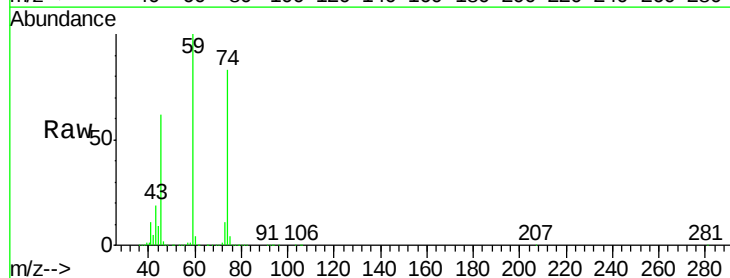
MMDadoda
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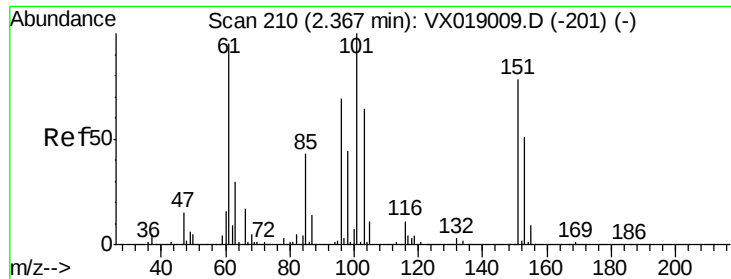


#8

Diethyl Ether
Concen: 48.160 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	72.9	36.8	110.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.989 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

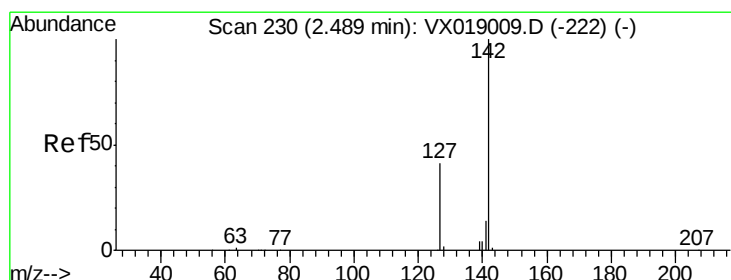
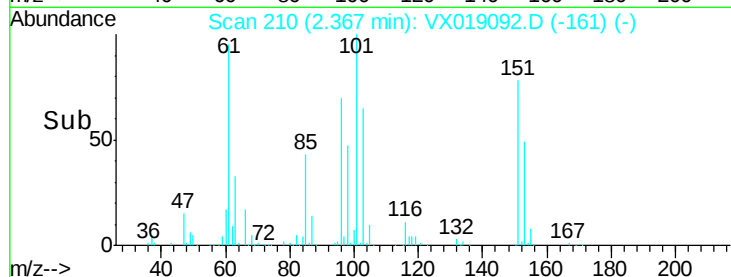
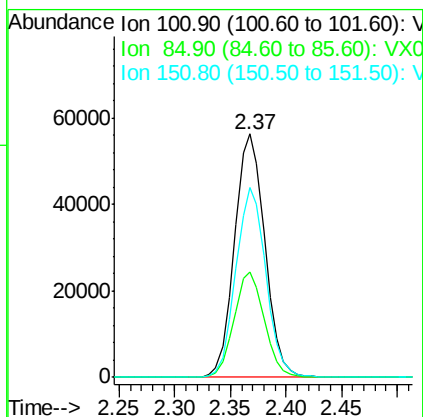
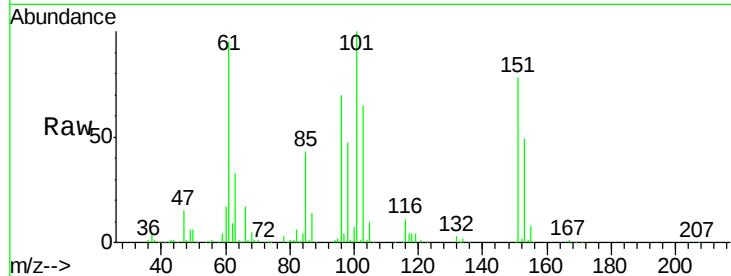
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	106156
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.2	52.8
151	77.5	62.4	93.6

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#10

Methyl Iodide

Concen: 41.695 ug/l

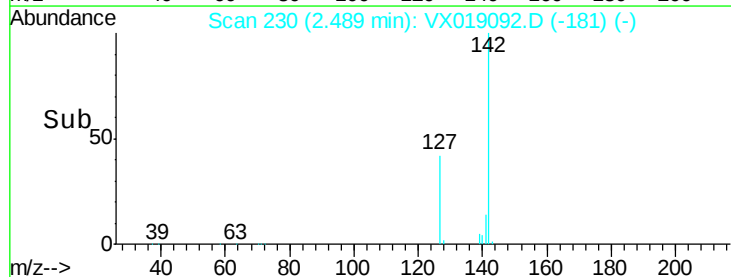
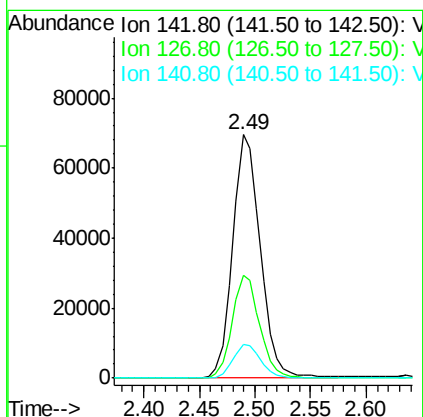
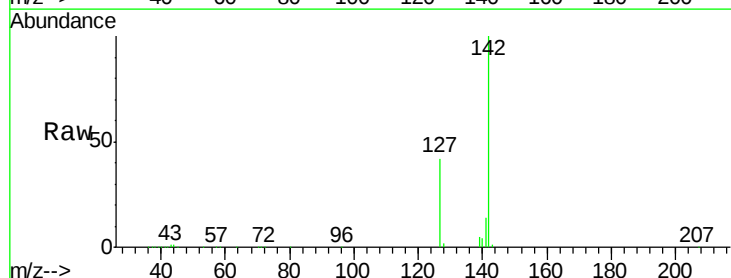
RT: 2.49 min Scan# 230

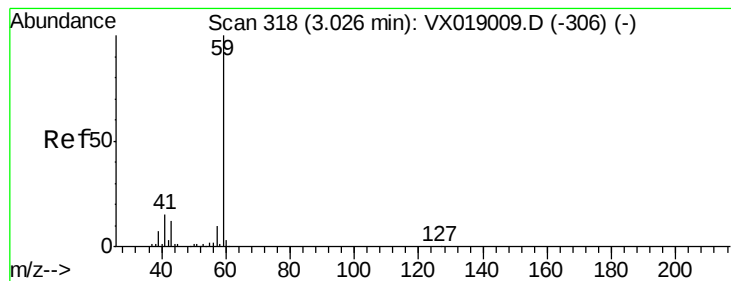
Delta R.T. 0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	142	Resp:	119838
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.6	50.4
141	13.9	11.2	16.8





#11

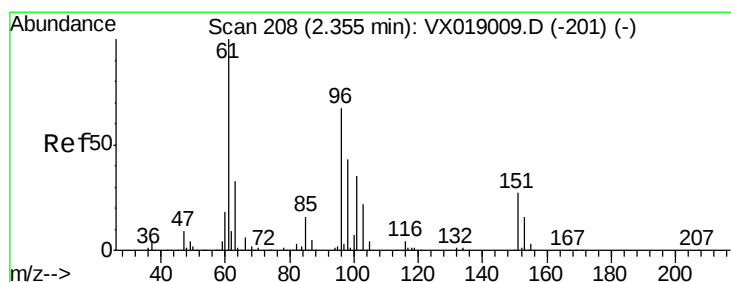
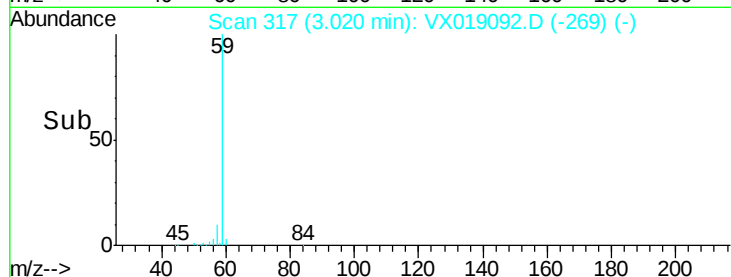
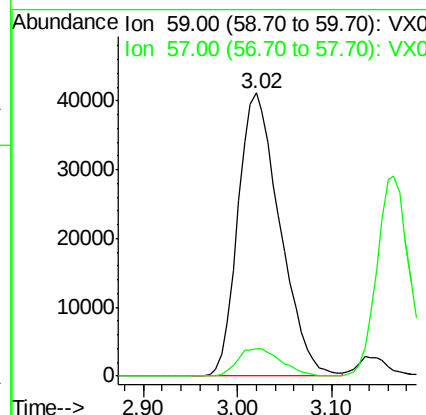
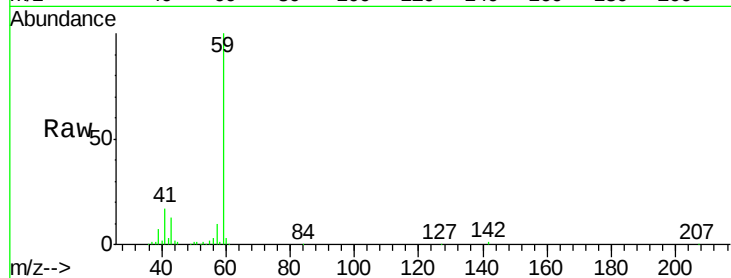
Tert butyl alcohol
Concen: 236.797 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	10.2	Resp	127841	Lower	8.2	Upper	12.2
Ion	59	57	Ratio	100	10.2	Resp	127841	Lower	8.2	Upper	12.2

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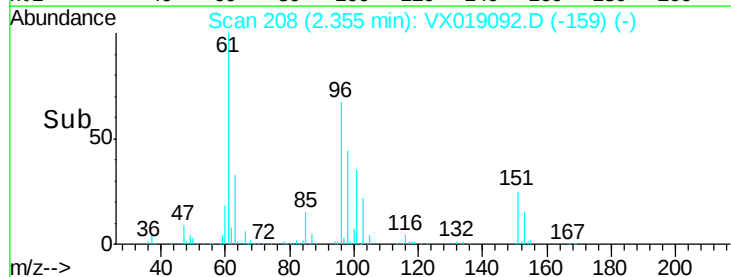
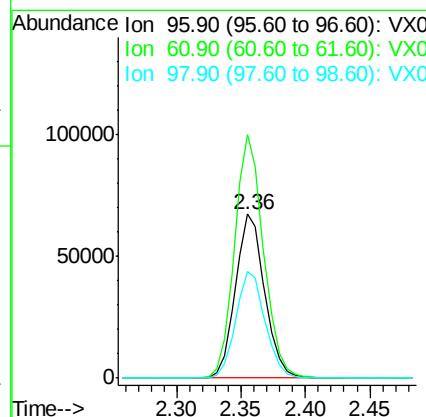
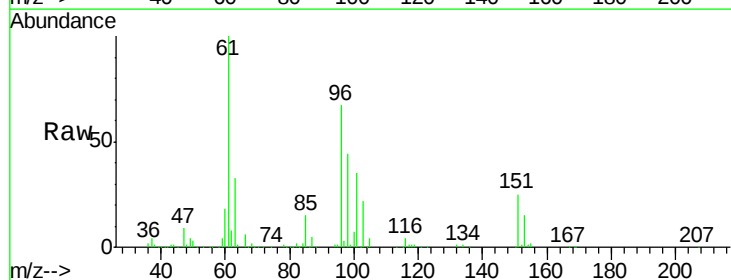
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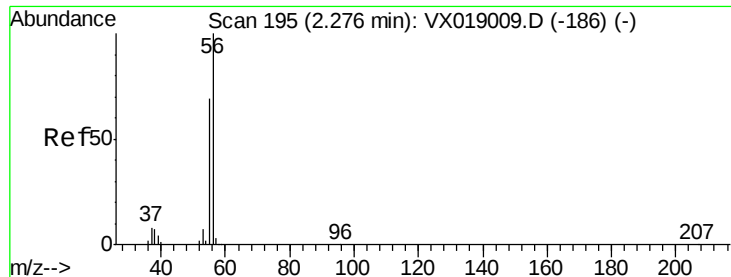


#12

1,1-Dichloroethene
Concen: 49.013 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	96	61	98	Ratio	100	148.6	64.9	Resp	106162	Lower	119.0	Upper	178.6	76.4
Ion	96	61	98	Ratio	100	148.6	64.9	Resp	106162	Lower	119.0	Upper	178.6	76.4





#13

Acrolein

Concen: 350.472 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72528

Ion Ratio Lower Upper

56 100

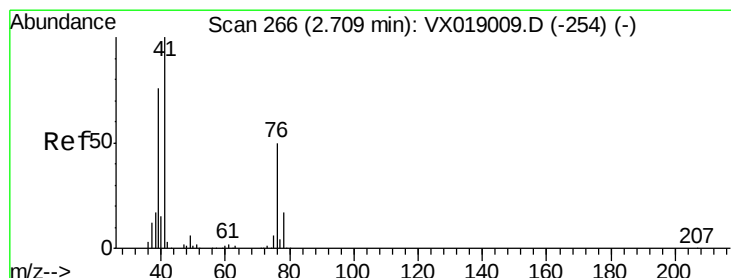
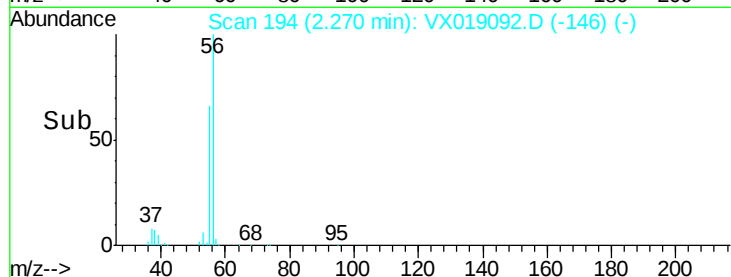
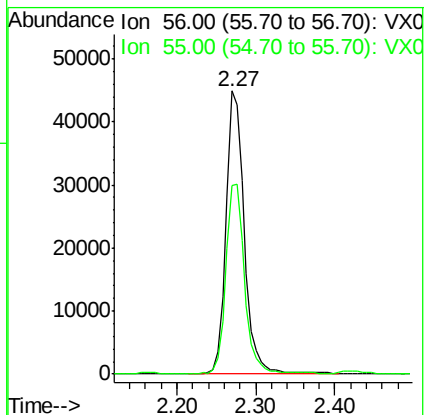
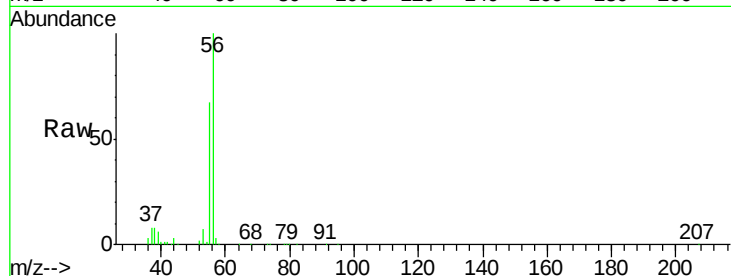
55 67.5 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 48.182 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

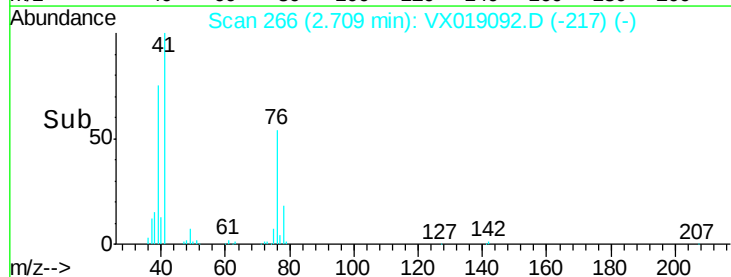
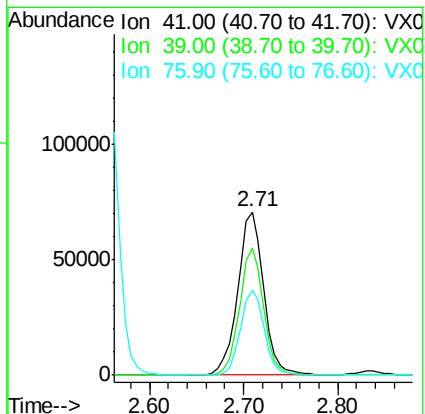
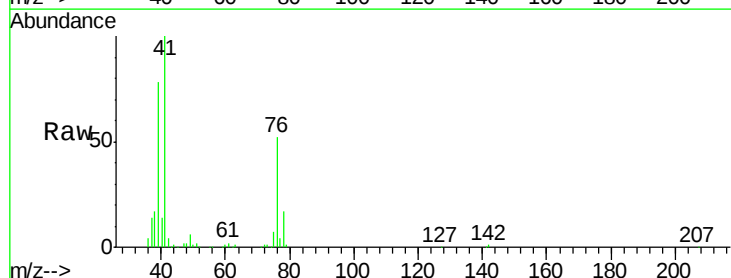
Tgt Ion: 41 Resp: 135010

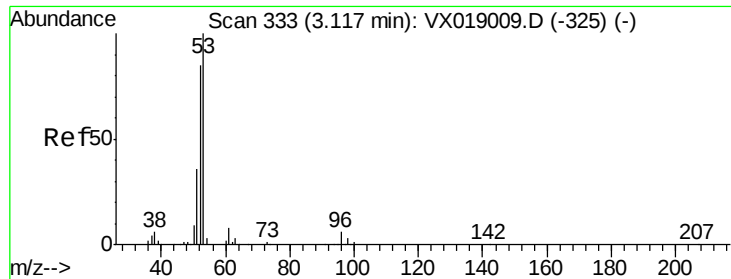
Ion Ratio Lower Upper

41 100

39 71.9 57.4 86.0

76 47.7 37.7 56.5





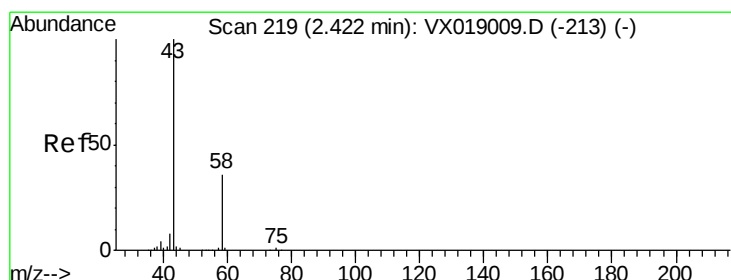
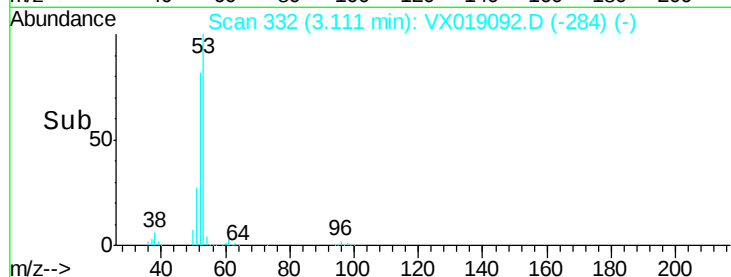
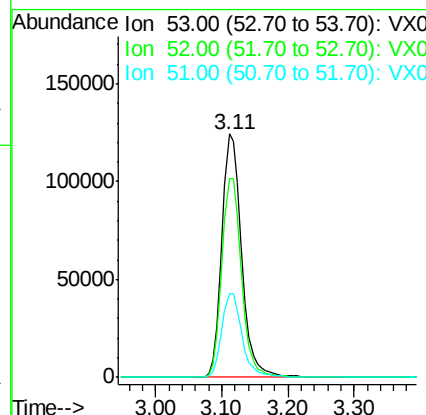
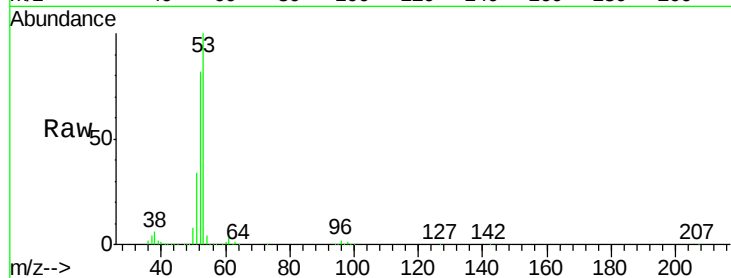
#15
 Acrylonitrile
 Concen: 244.922 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	255695
Ion Ratio	Lower	Upper	
53	100		
52	82.2	65.9	98.9
51	35.5	28.3	42.5

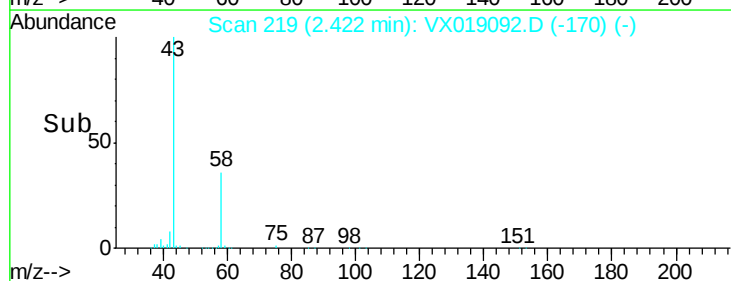
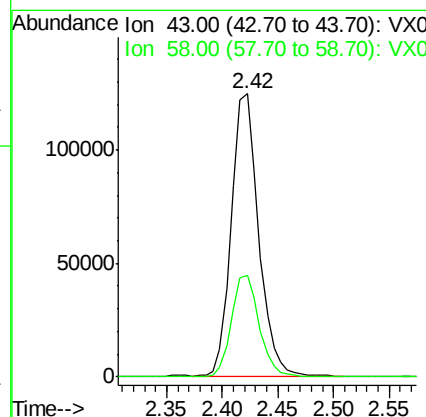
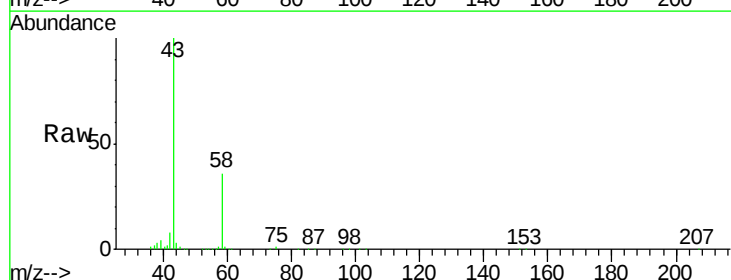
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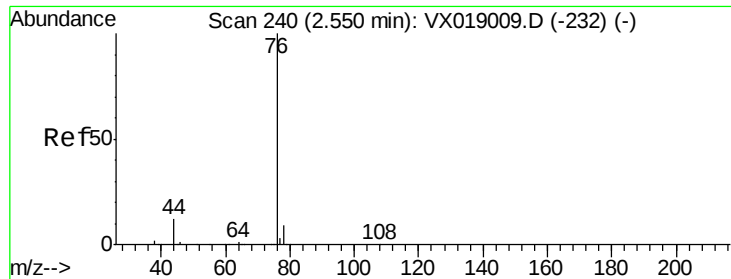
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#16
 Acetone
 Concen: 232.846 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion:	43	Resp:	211411
Ion Ratio	Lower	Upper	
43	100		
58	35.9	28.6	42.8





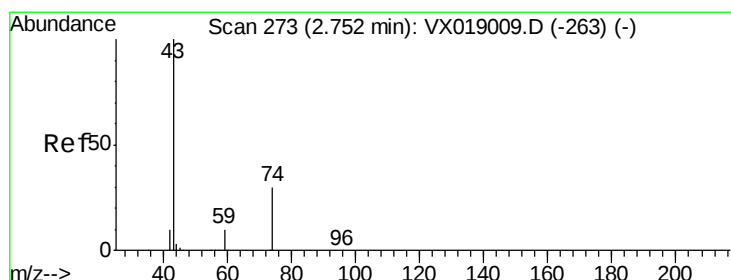
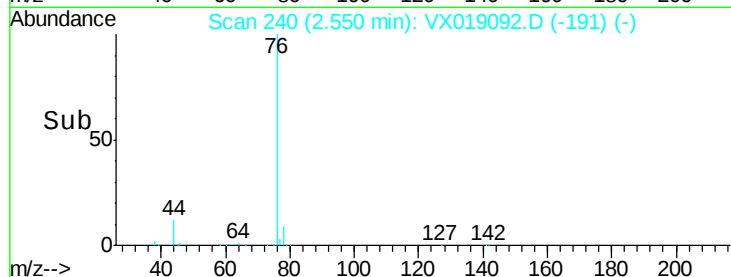
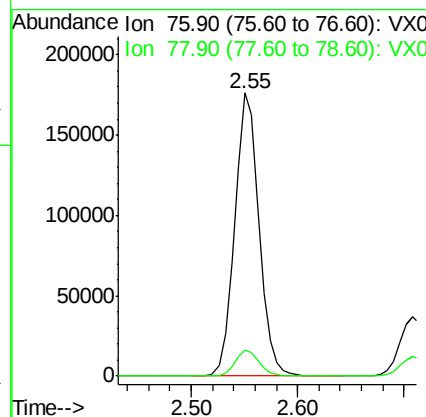
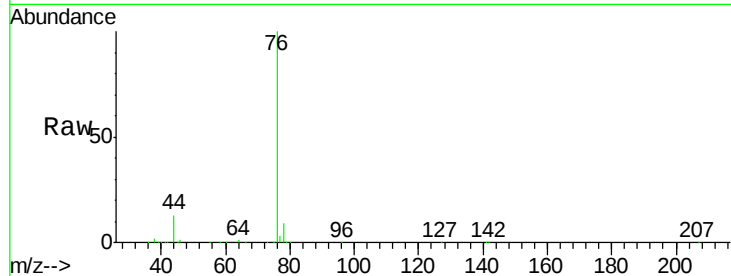
#17
Carbon Disulfide
Concen: 45.179 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

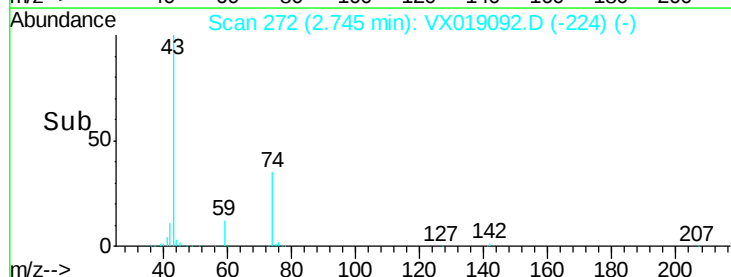
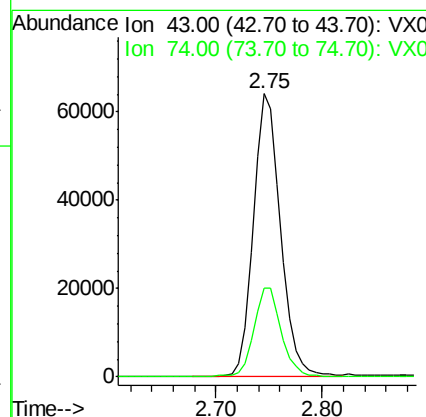
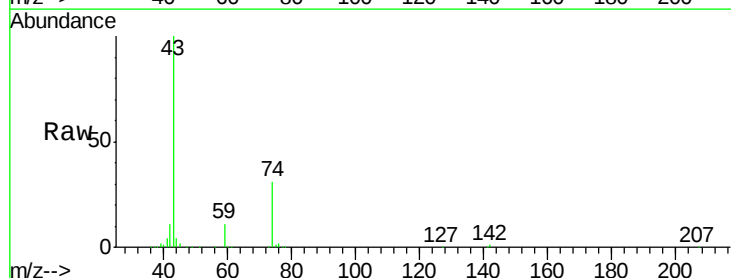
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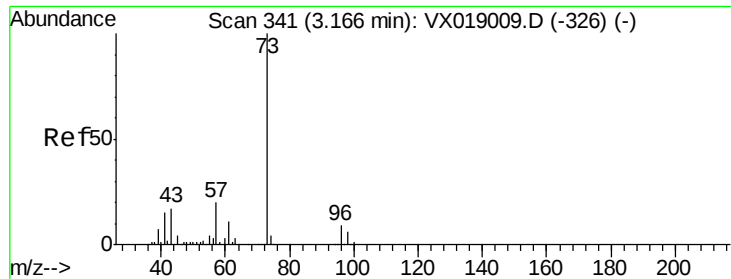
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#18
Methyl Acetate
Concen: 50.799 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.0	24.9	37.3





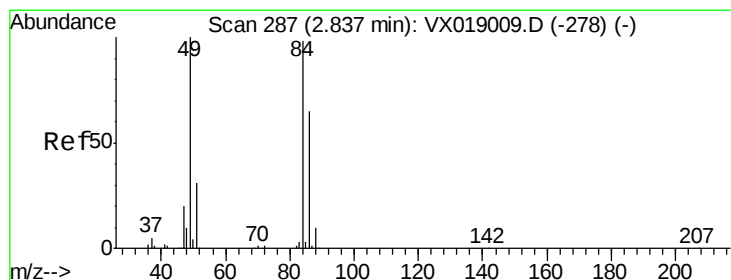
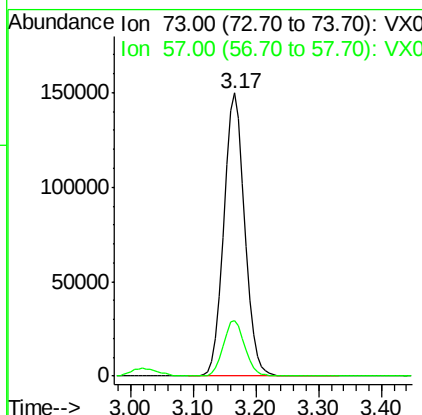
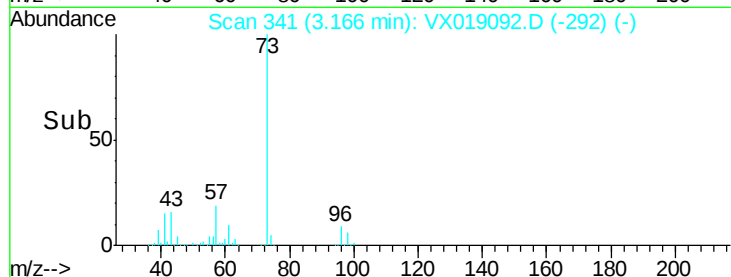
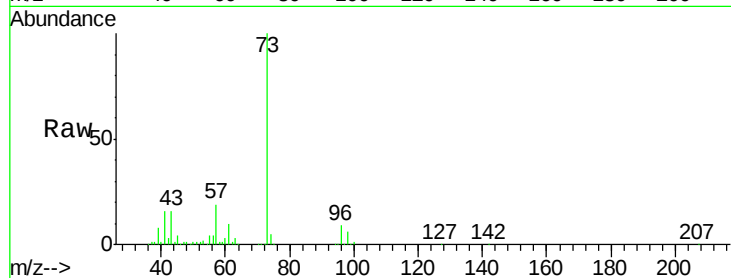
#19
Methyl tert-butyl Ether
Concen: 50.270 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.4	16.2	24.2

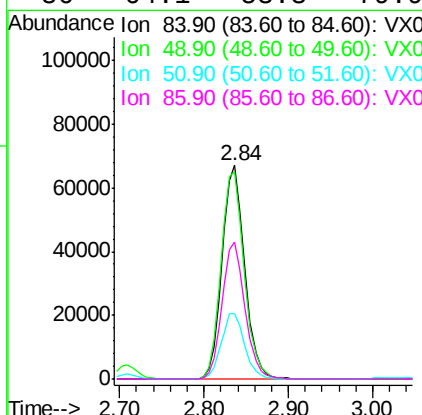
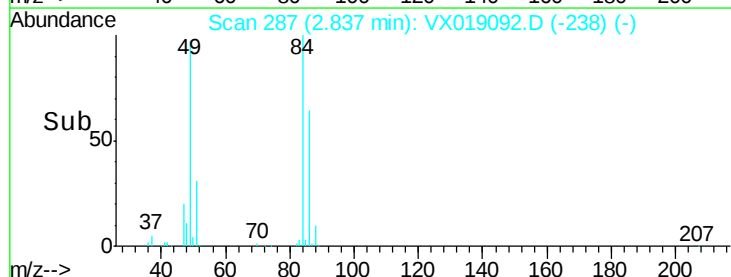
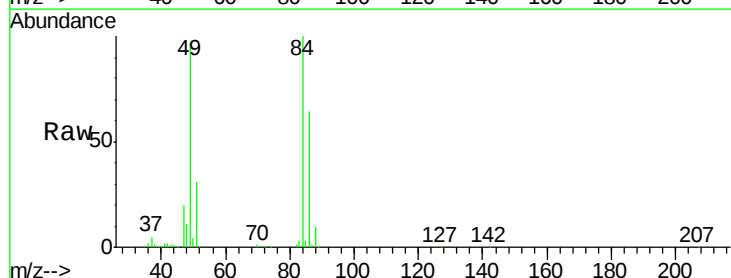
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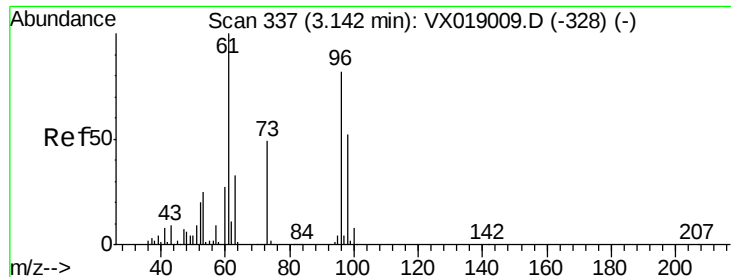
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#20
Methylene Chloride
Concen: 48.950 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	97.2	81.6	122.4
51	30.6	25.6	38.4
86	64.1	53.3	79.9





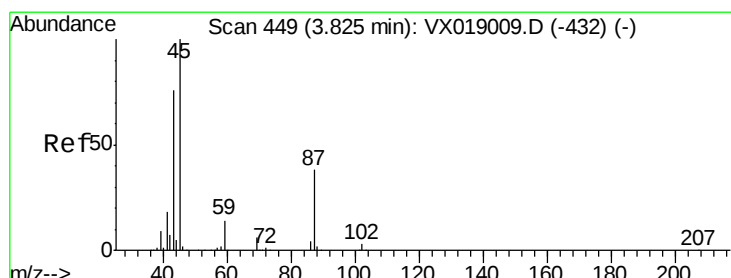
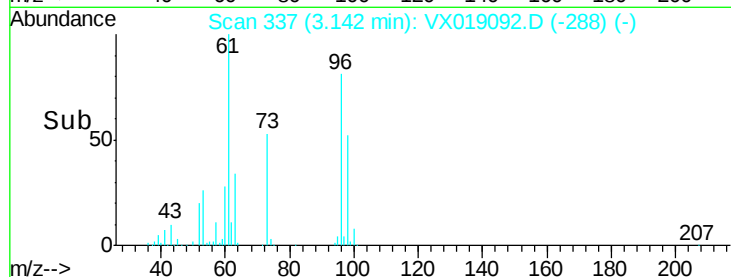
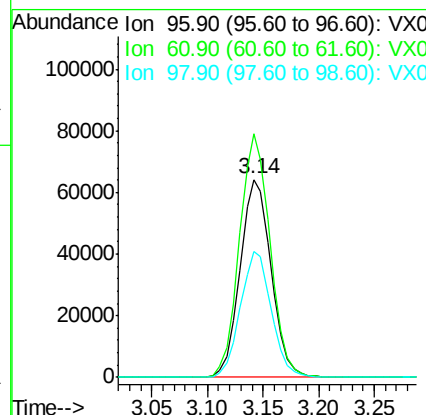
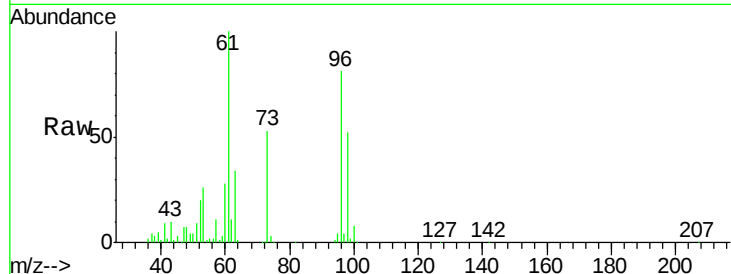
#21
trans-1,2-Dichloroethene
Concen: 48.998 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	123.1	97.8	146.6
98	63.9	50.7	76.1

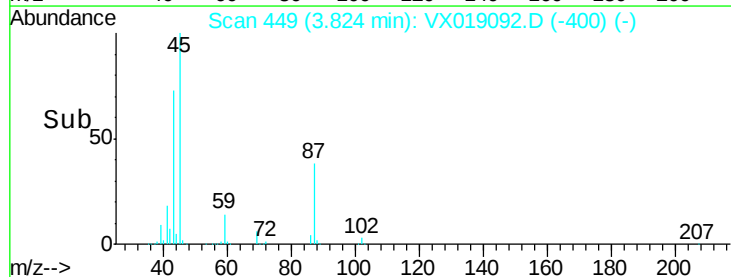
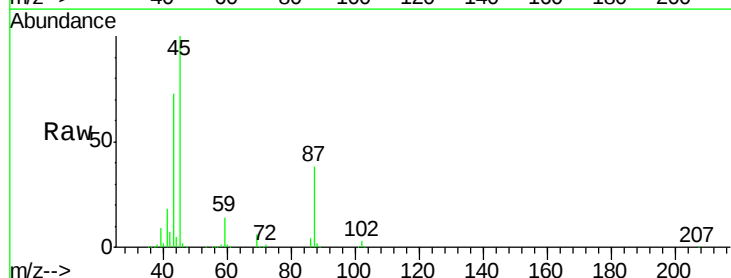
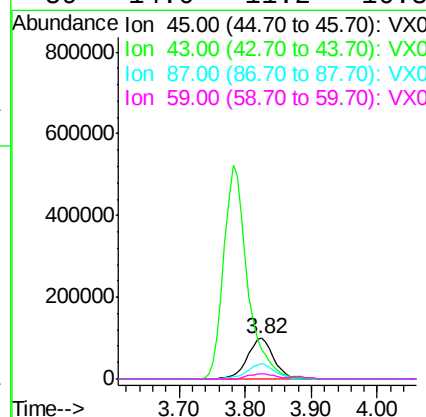
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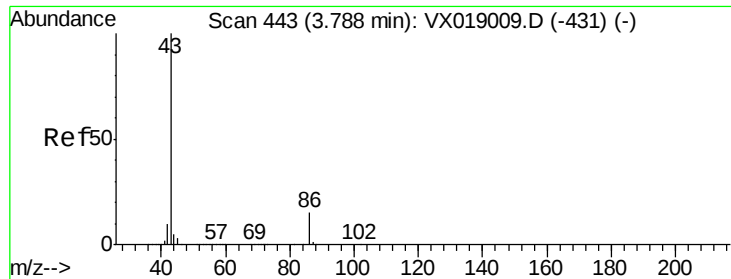
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#22
Diisopropyl ether
Concen: 49.877 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
45	100		
43	73.3	60.4	90.6
87	37.8	30.4	45.6
59	14.0	11.2	16.8





#23

Vinyl Acetate

Concen: 249.212 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1307524

Ion Ratio Lower Upper

43 100

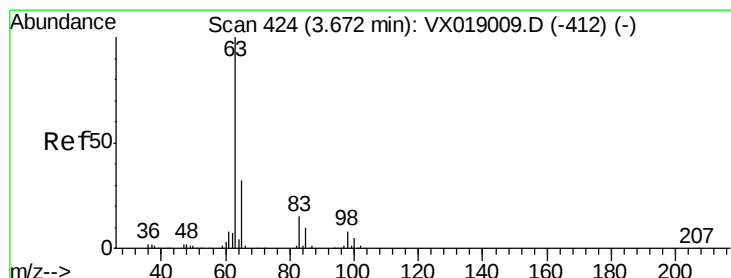
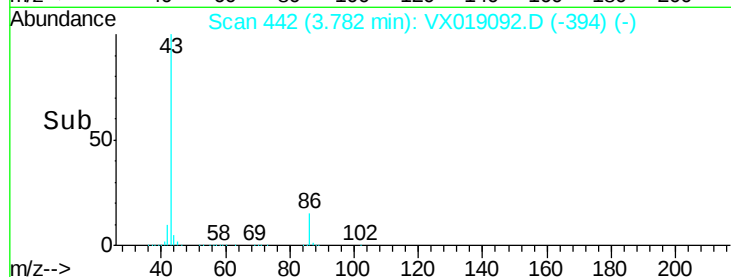
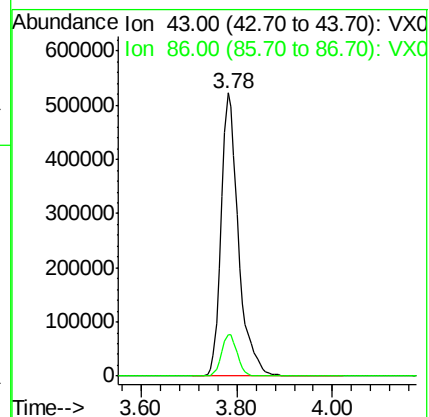
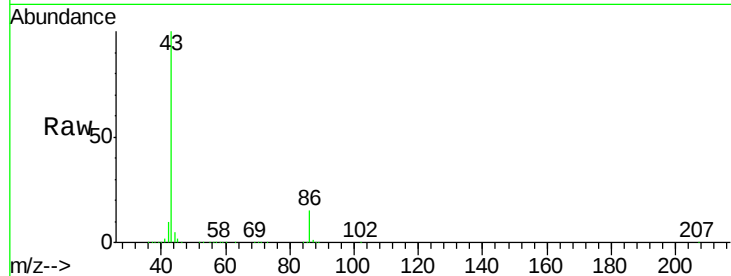
86 14.7 11.7 17.5

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#24

1,1-Dichloroethane

Concen: 49.951 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

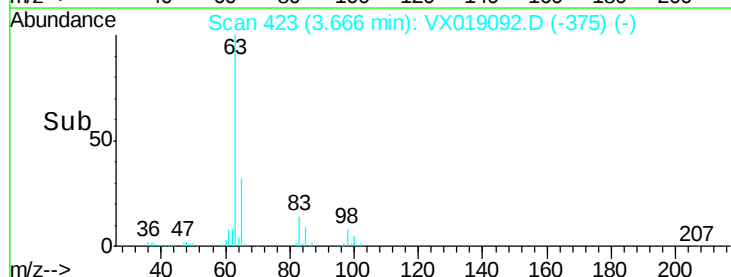
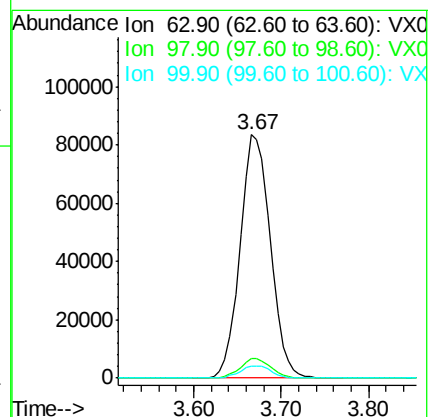
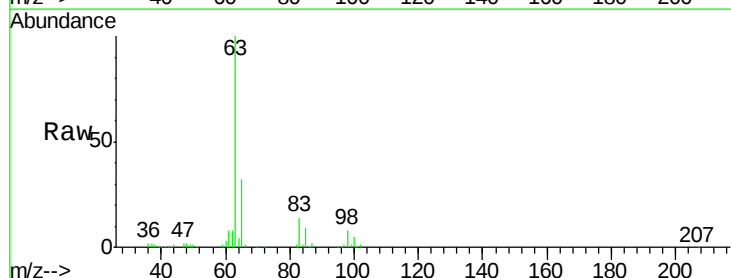
Tgt Ion: 63 Resp: 200996

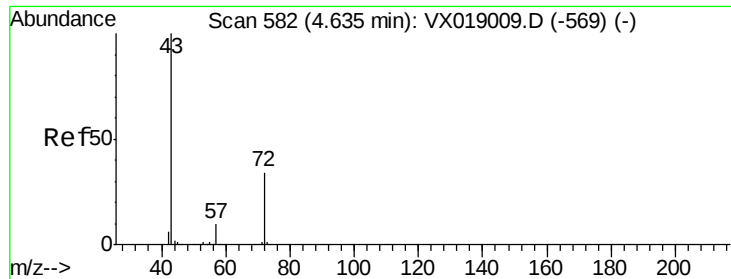
Ion Ratio Lower Upper

63 100

98 8.1 4.0 12.0

100 5.0 2.5 7.4





#25

2-Butanone

Concen: 242.562 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 347985

Ion Ratio Lower Upper

43 100

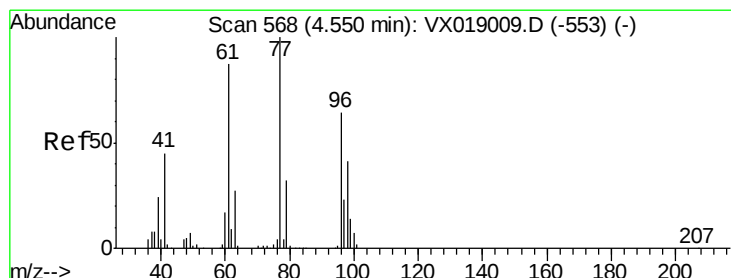
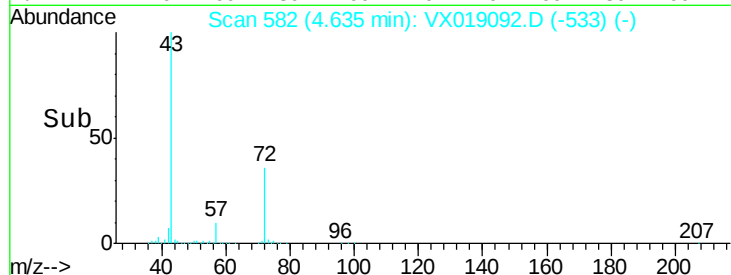
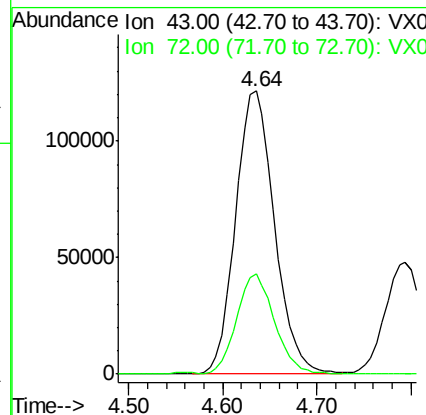
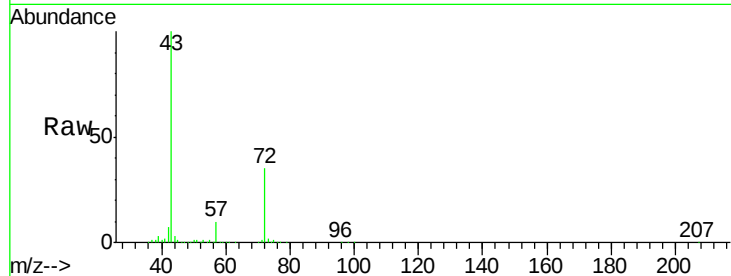
72 35.3 27.8 41.6

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#26

2,2-Dichloropropane

Concen: 46.413 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX019092.D

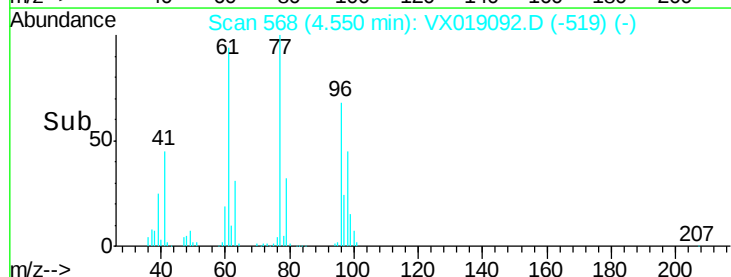
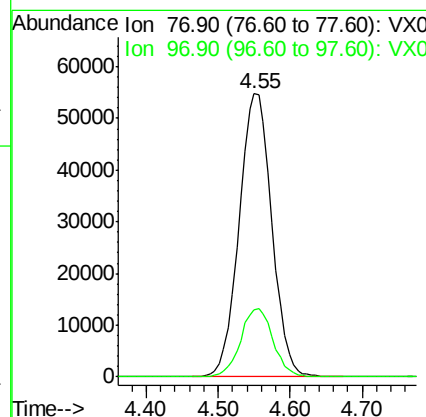
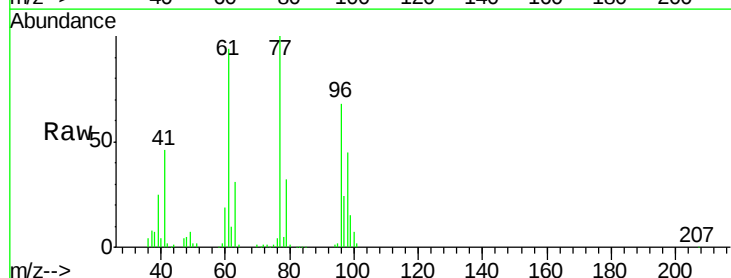
Acq: 23 Oct 2020 22:06

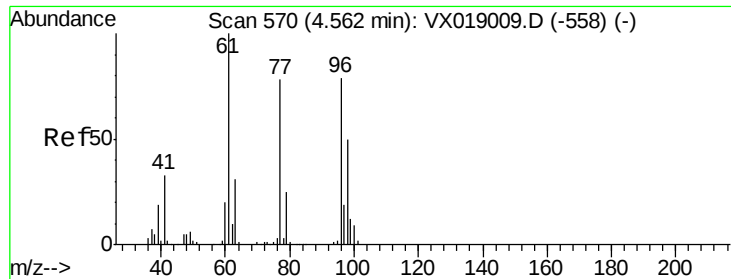
Tgt Ion: 77 Resp: 172437

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.7





#27

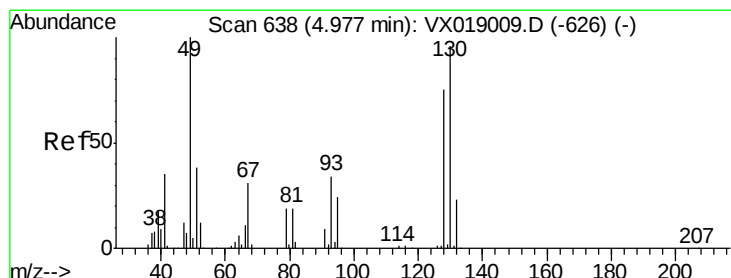
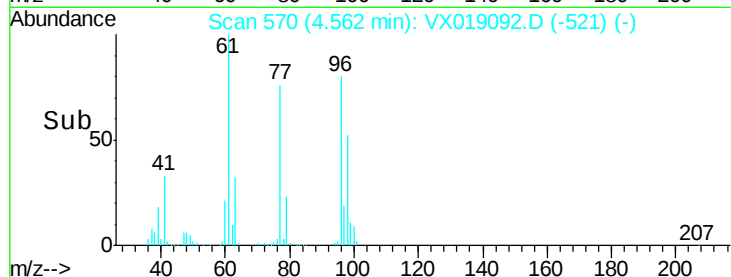
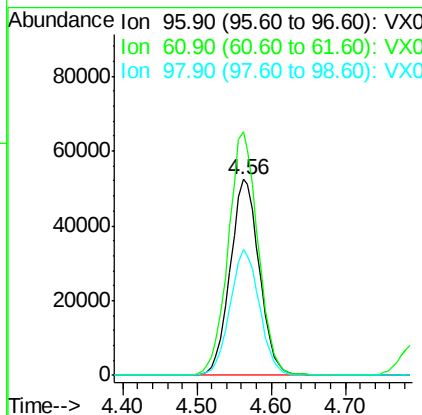
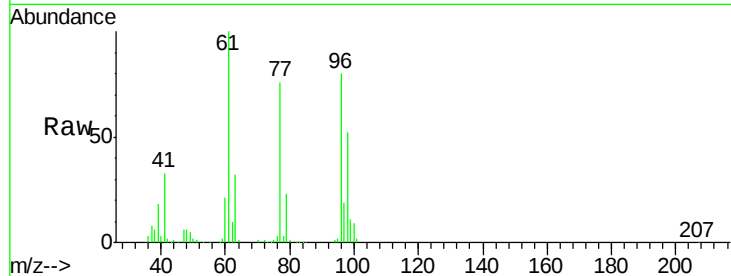
cis-1,2-Dichloroethene
Concen: 50.279 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144218		
61	126.8		0.0	260.0
98	64.7		0.0	131.4

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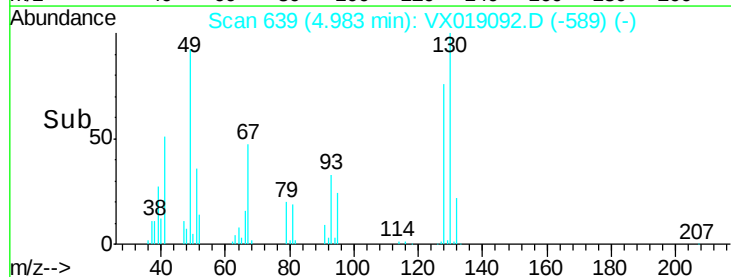
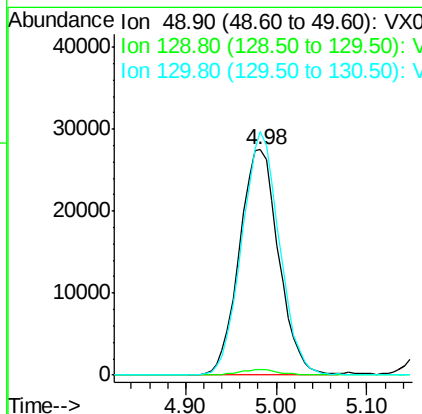
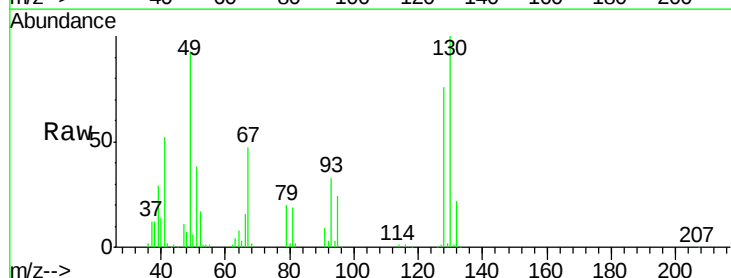
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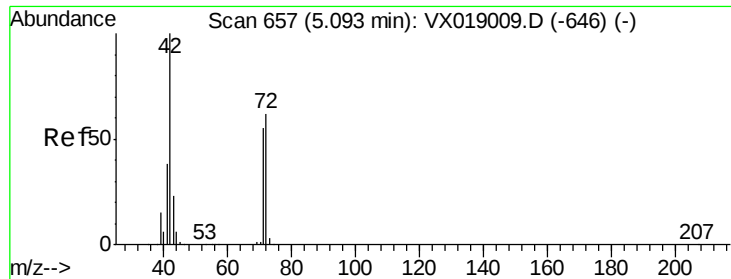


#28

Bromochloromethane
Concen: 48.331 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	82581		
129	2.4		0.0	5.2
130	103.4		79.0	118.6





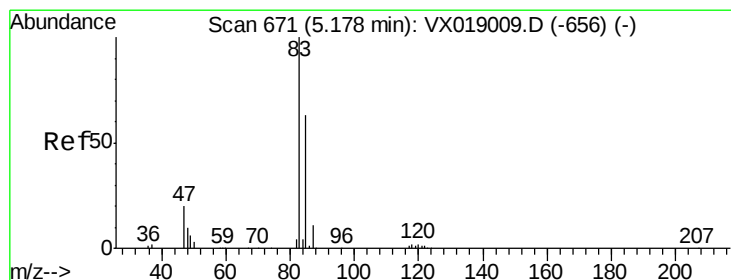
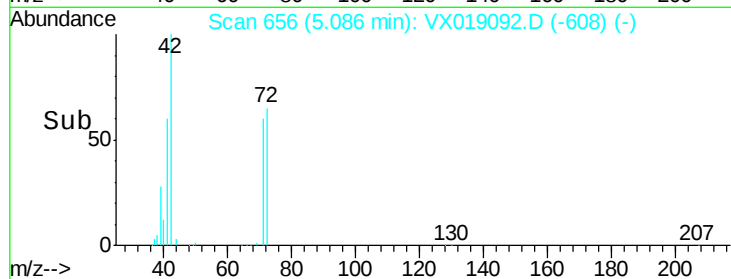
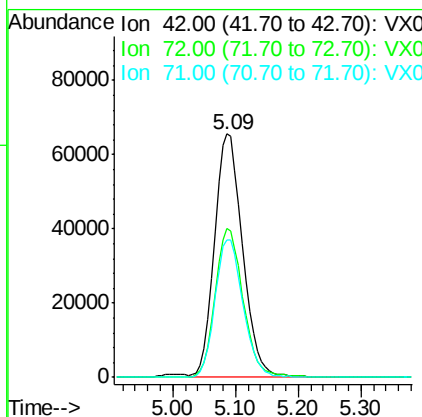
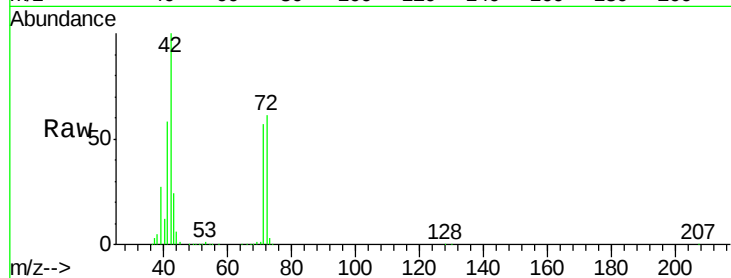
#29
Tetrahydrofuran
Concen: 236.474 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.3	49.1	73.7
71	56.6	44.2	66.4

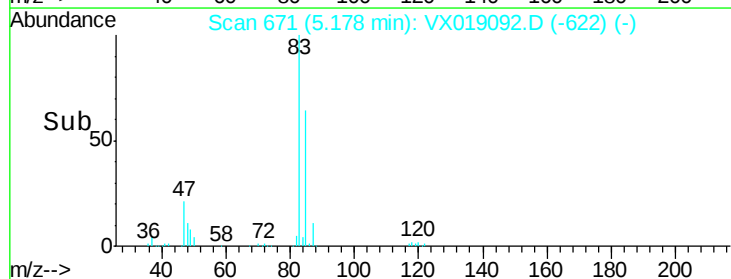
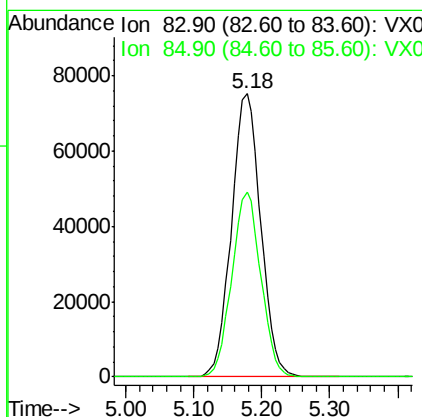
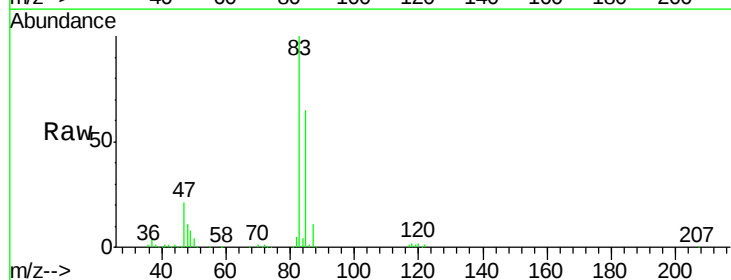
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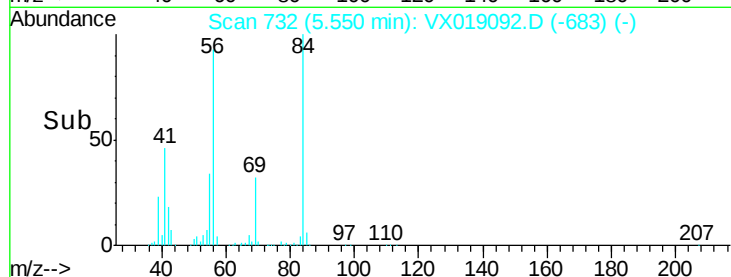
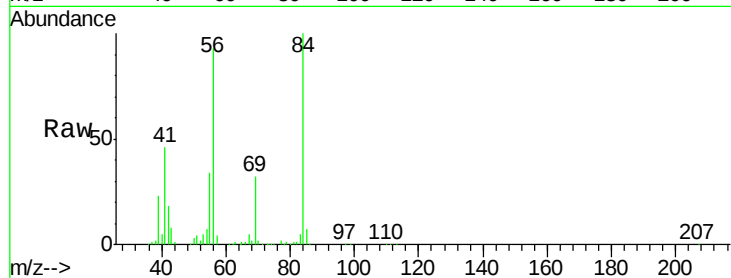
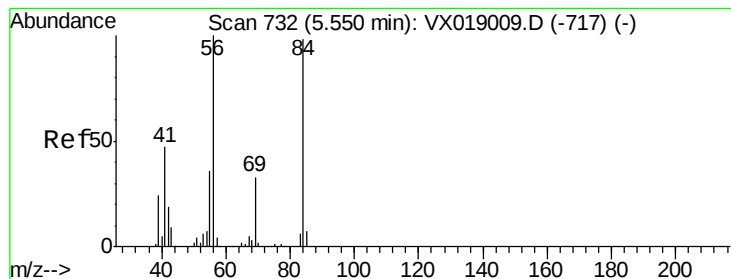
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#30
Chloroform
Concen: 51.434 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.5	75.7





#31

Cyclohexane

Concen: 48.606 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tot Ion:	56	Resp:	151728
Ion Ratio	Lower	Upper	
56	100		
69	34.7	26.2	39.2
84	105.6	78.3	117.5

Instrument :

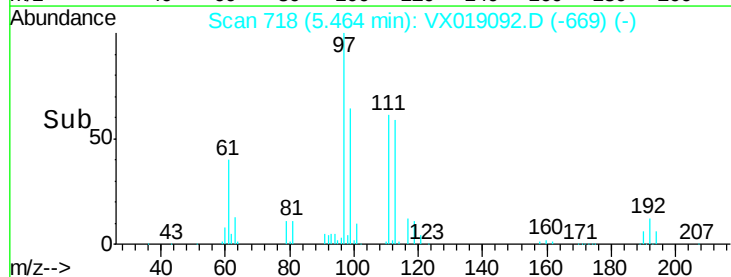
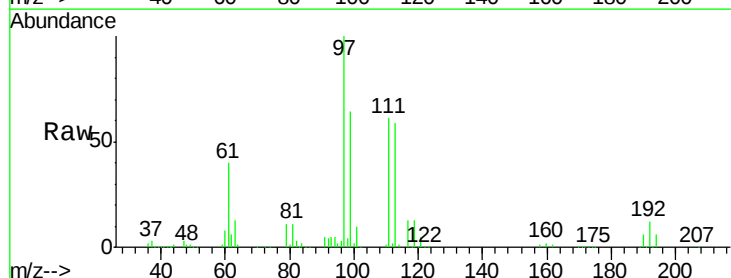
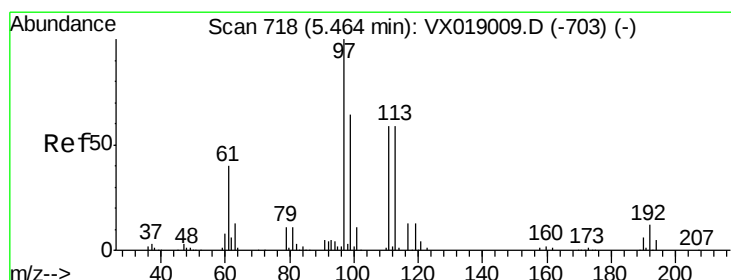
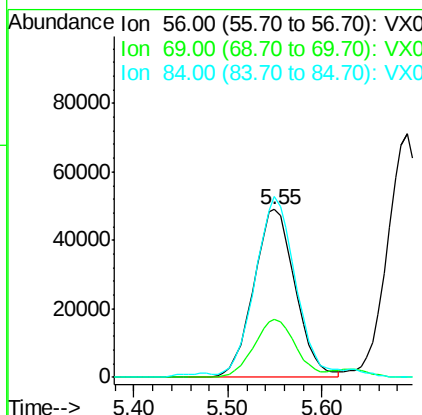
MSVOA_X

ClientSampleId :

VSTDCCC050

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#32

1,1,1-Trichloroethane

Concen: 51.300 ug/l

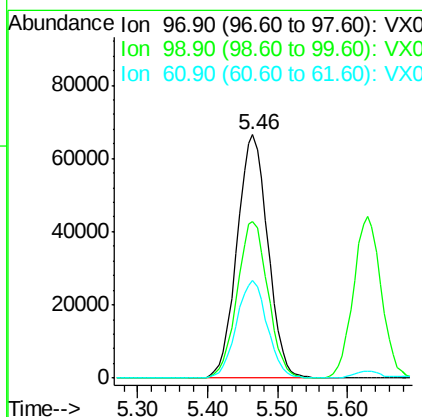
RT: 5.46 min Scan# 718

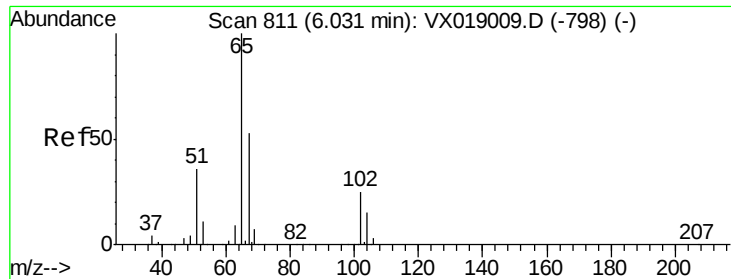
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	97	Resp:	203258
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.3	76.9
61	40.2	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 48.887 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 130314

Ion Ratio Lower Upper

65 100

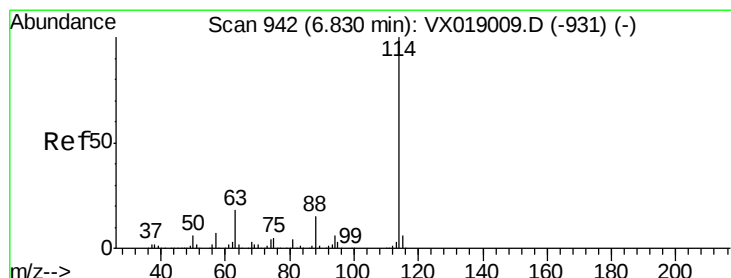
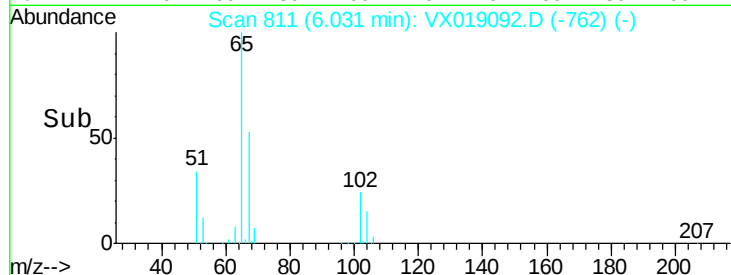
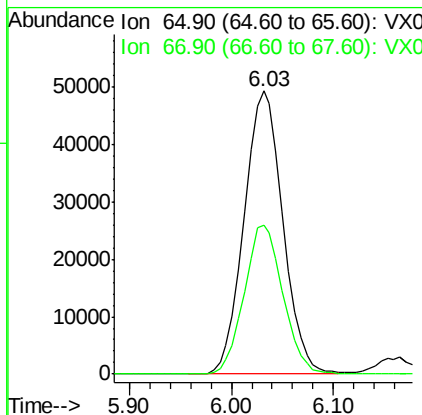
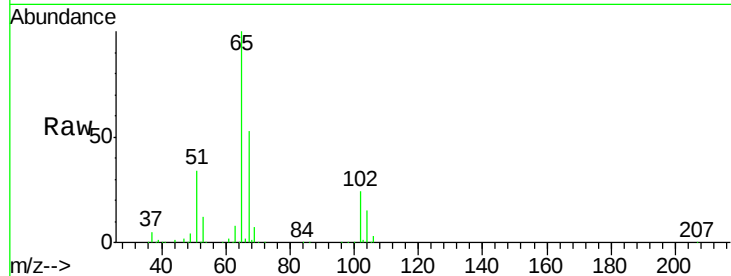
67 52.5 0.0 107.0

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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: VX019092.D

Acq: 23 Oct 2020 22:06

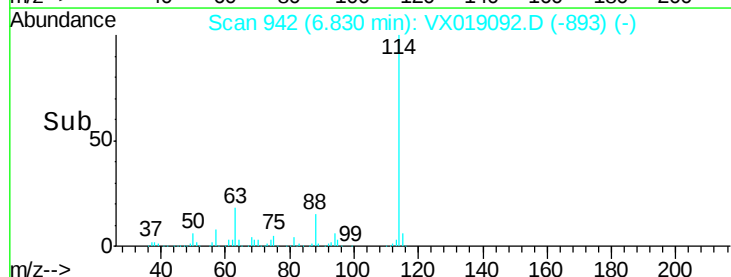
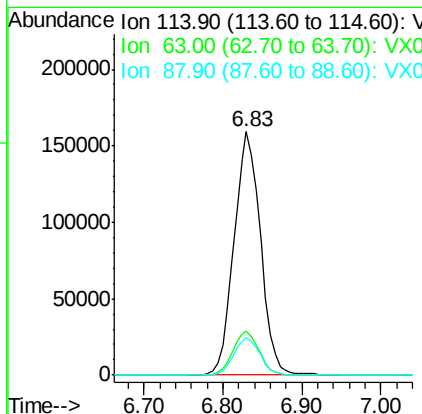
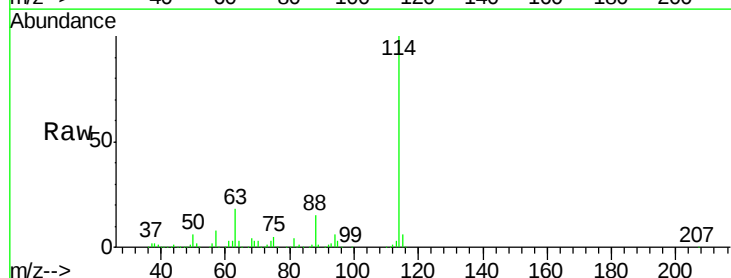
Tgt Ion: 114 Resp: 371991

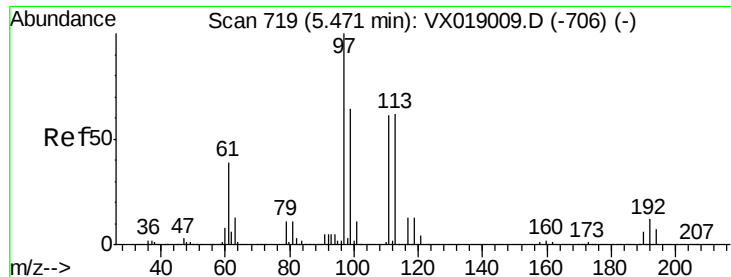
Ion Ratio Lower Upper

114 100

63 18.1 0.0 36.8

88 15.2 0.0 30.2





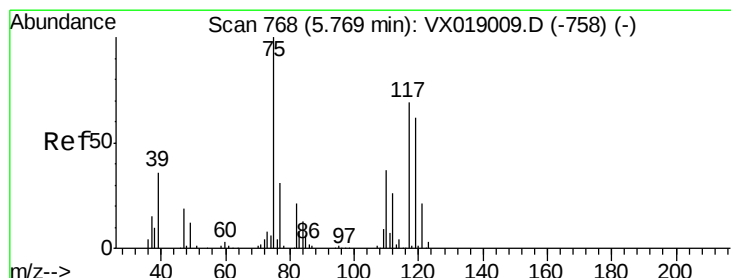
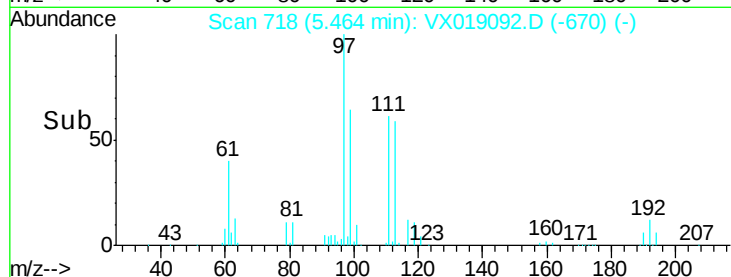
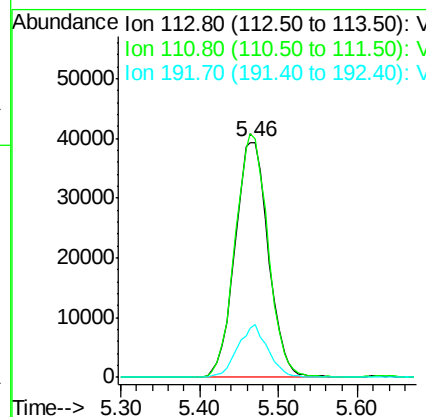
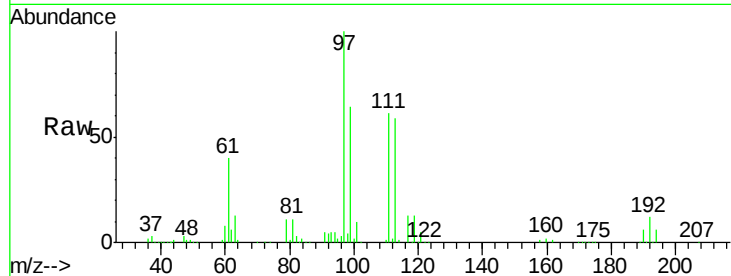
#35
Dibromofluoromethane
Concen: 49.236 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	115960		
111	101.6	81.5	122.3	
192	20.2	16.3	24.5	

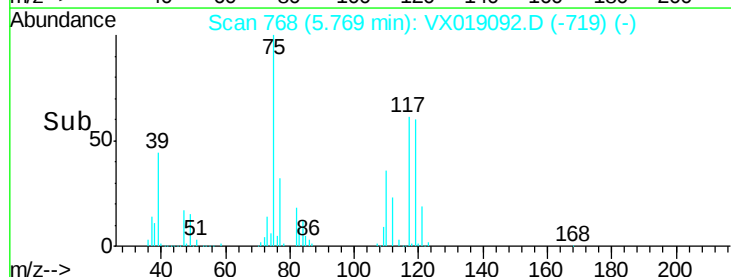
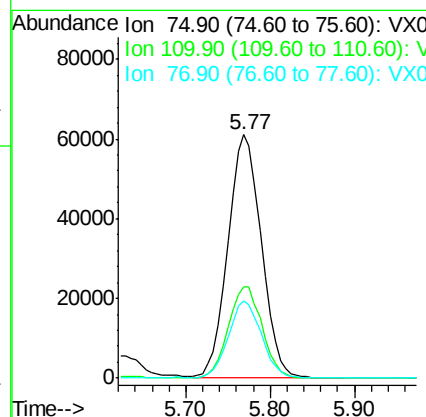
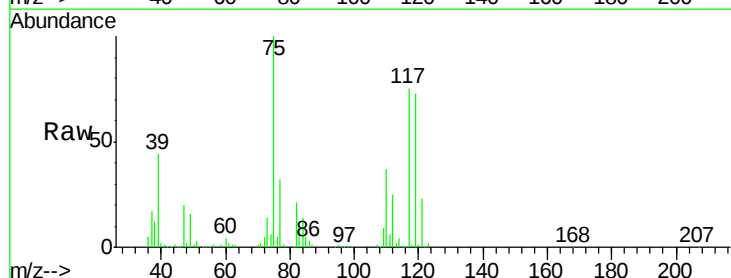
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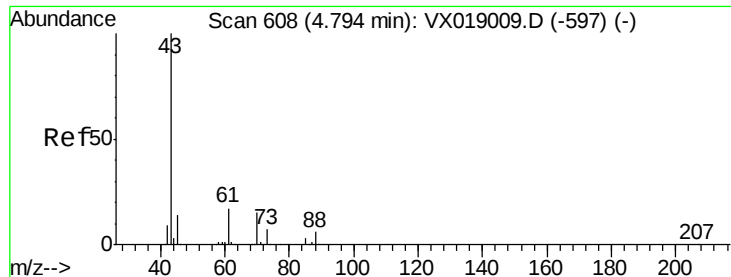
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#36
1,1-Dichloropropene
Concen: 49.245 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	164372		
110	38.3	19.4	58.2	
77	31.6	25.2	37.8	





#37

Ethyl Acetate

Concen: 49.264 ug/l

RT: 4.79 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

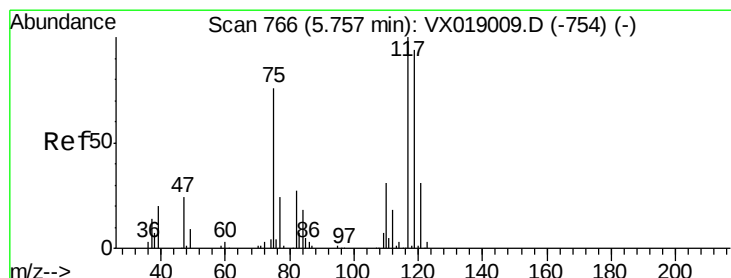
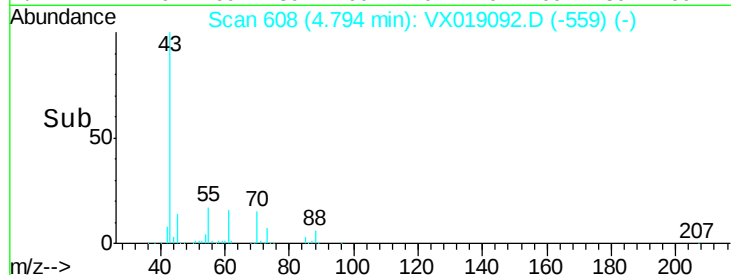
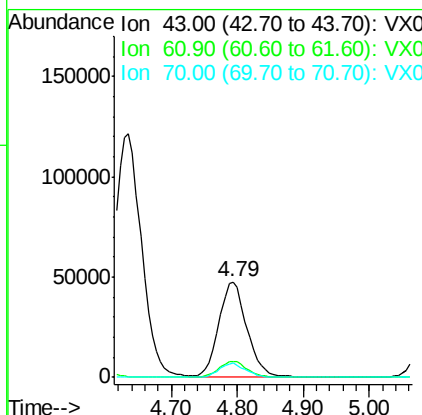
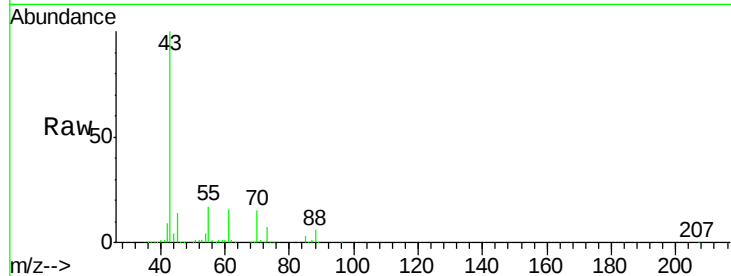
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	140348
Ion	Ratio	Lower	Upper
43	100		
61	17.1	13.8	20.8
70	13.9	11.4	17.2

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#38

Carbon Tetrachloride

Concen: 49.844 ug/l

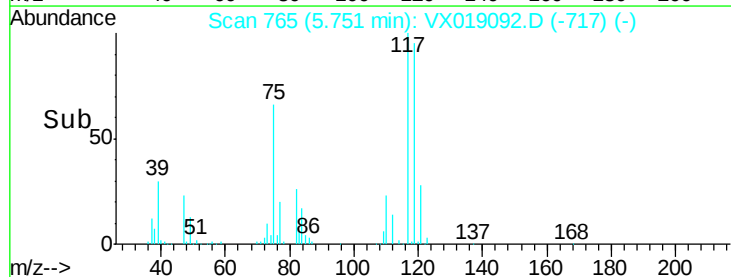
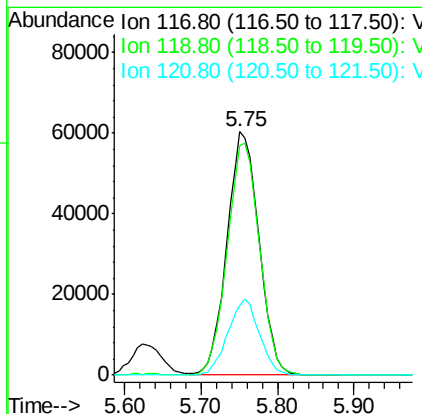
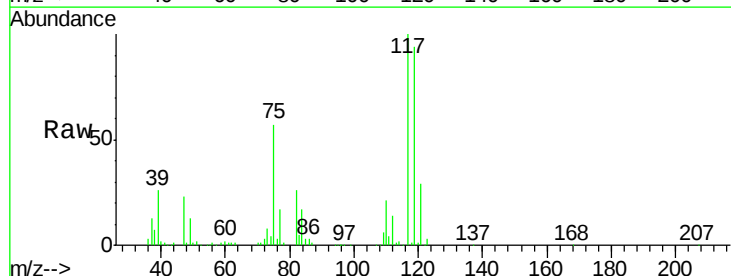
RT: 5.75 min Scan# 765

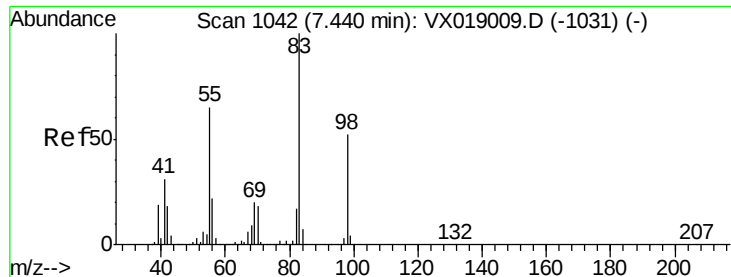
Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	117	Resp:	174625
Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.4	113.0
121	28.6	25.0	37.6





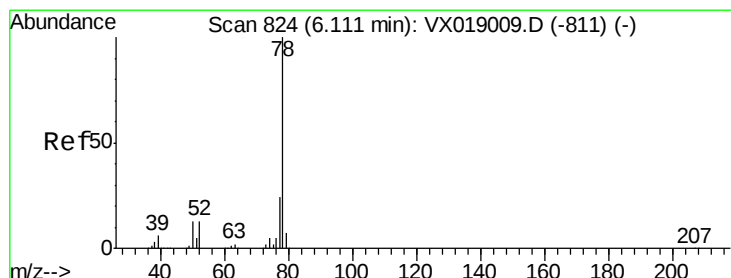
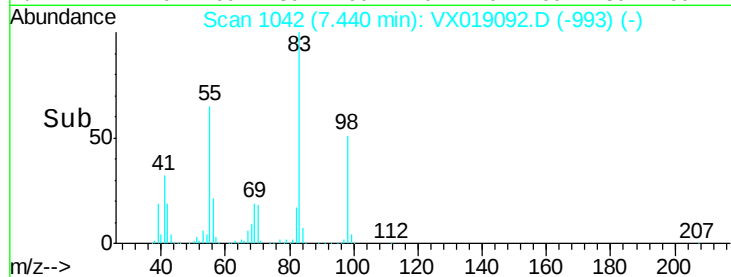
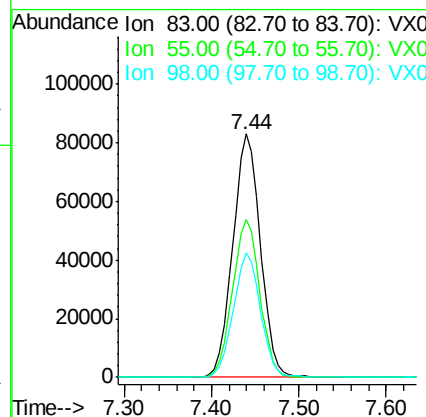
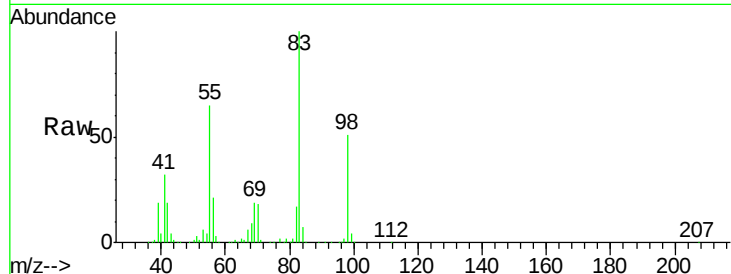
#39
Methvlcvclohexane
Concen: 48.910 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	182902
Ion Ratio	100	Lower	Upper
83	100		
55	64.9	51.8	77.6
98	51.3	41.4	62.2

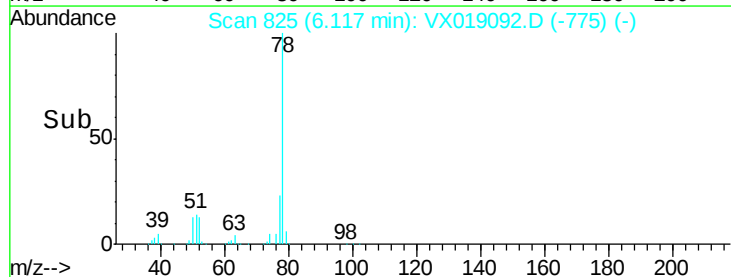
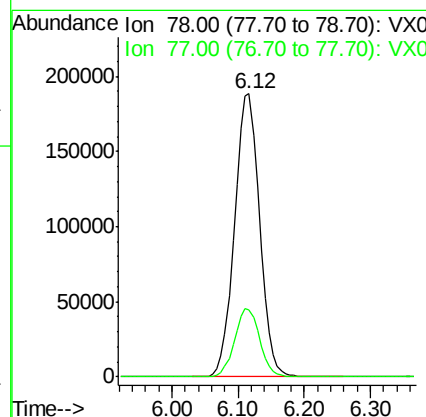
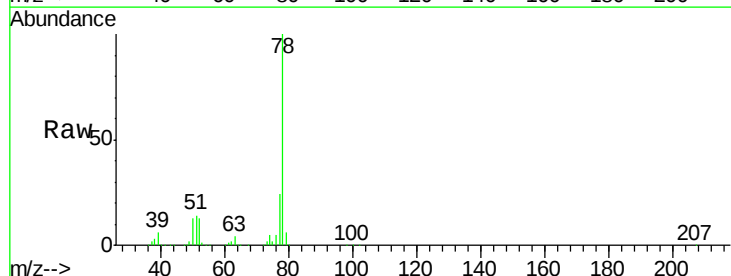
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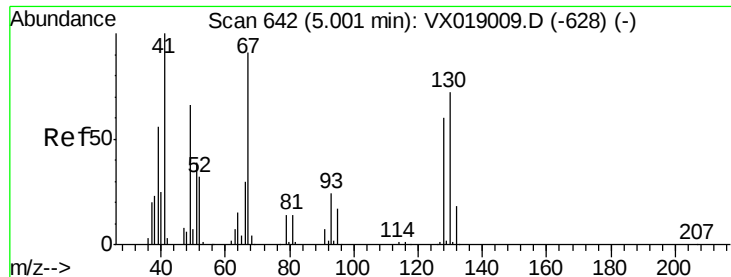
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#40
Benzene
Concen: 50.272 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	78	Resp	494196
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	19.3	28.9





#41

Methacrylonitrile

Concen: 48.338 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

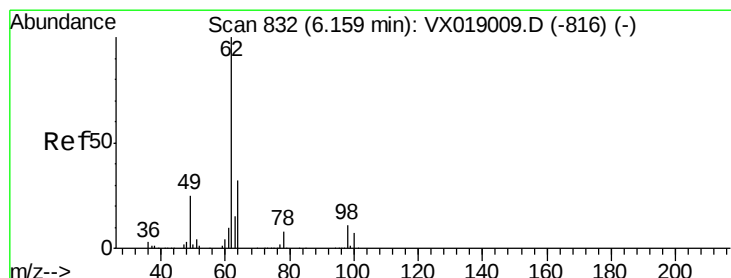
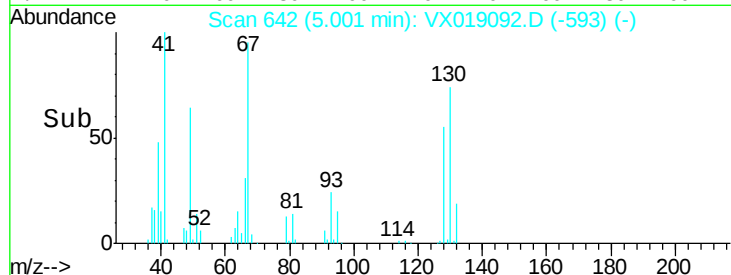
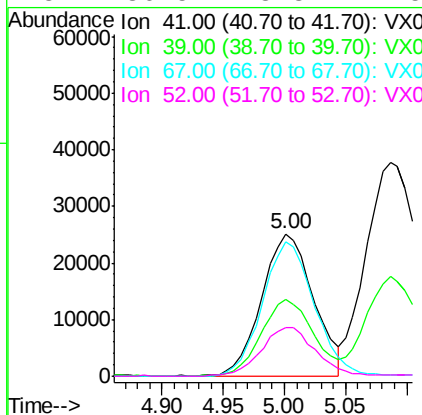
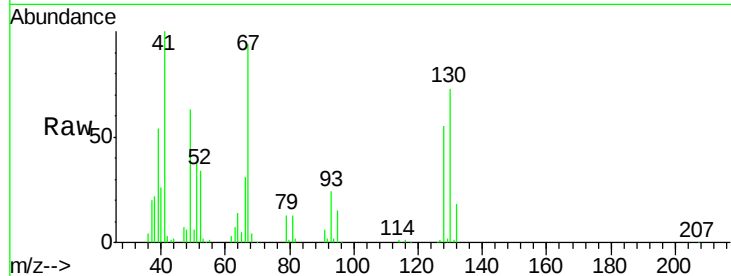
ClientSampleId :

VSTDCCC050

Tot Ion:	41	Resp:	73974
Ion	Ratio	Lower	Upper
41	100		
39	53.9	44.6	67.0
67	95.3	76.1	114.1
52	36.5	28.3	42.5

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#42

1,2-Dichloroethane

Concen: 50.528 ug/l

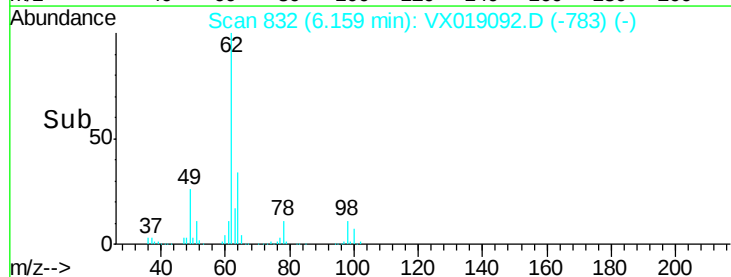
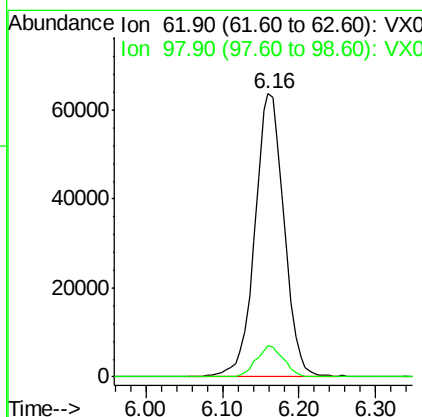
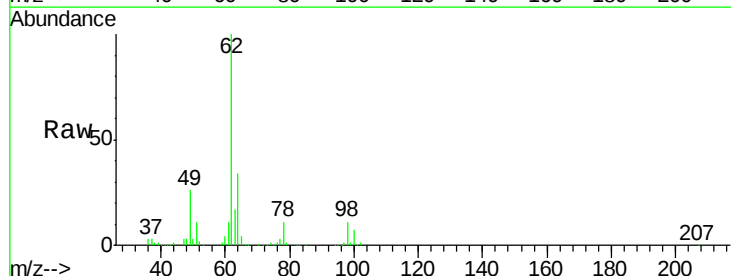
RT: 6.16 min Scan# 832

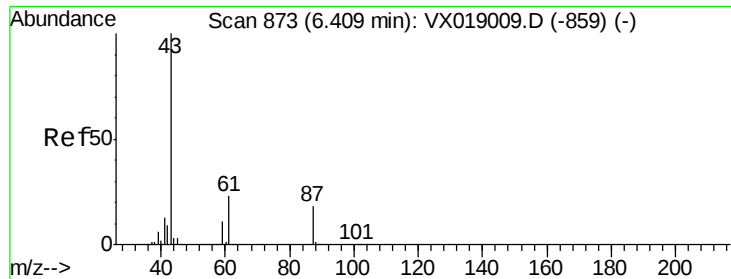
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	62	Resp:	169513
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.8





#43

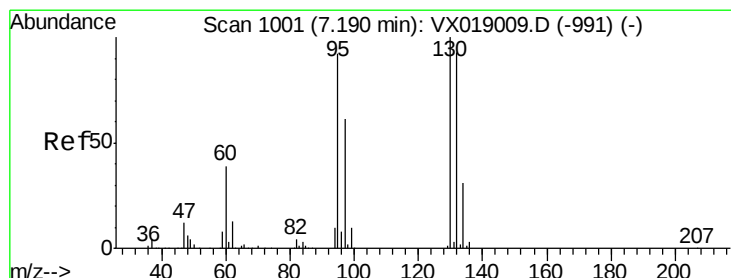
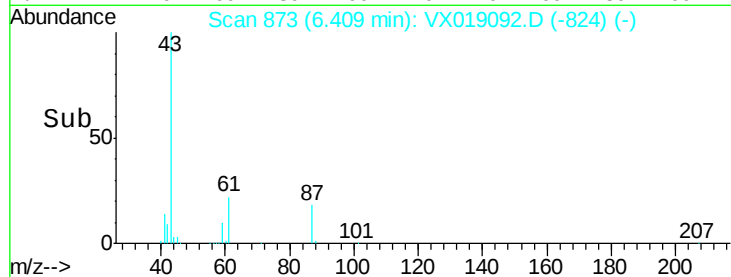
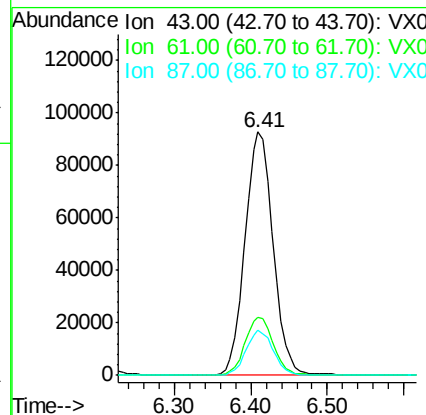
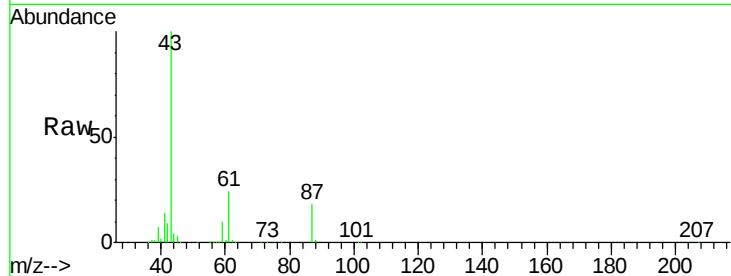
Isopropyl Acetate
 Concen: 48.895 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.0	18.7	28.1
87	18.1	14.2	21.4

Manual Integrations
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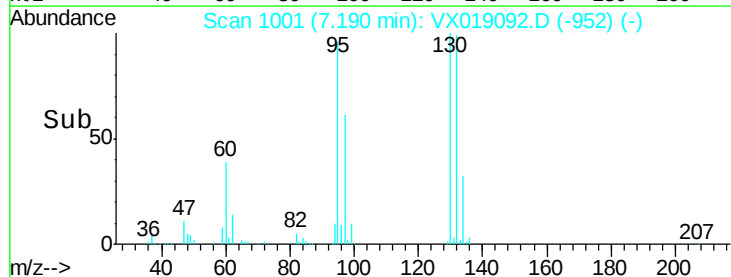
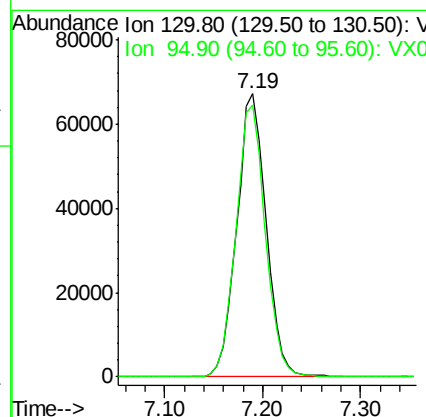
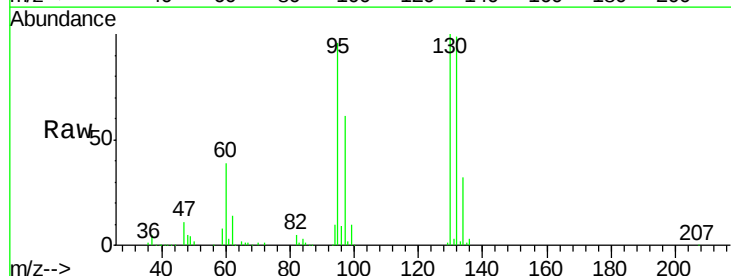
MMDadoda
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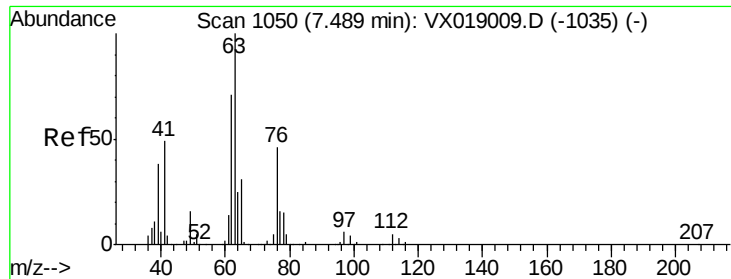


#44

Trichloroethene
 Concen: 48.897 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	184.2





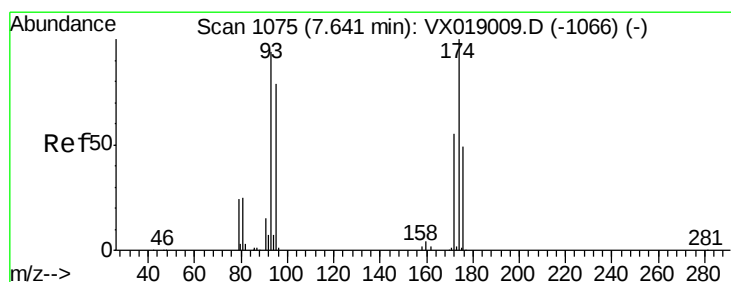
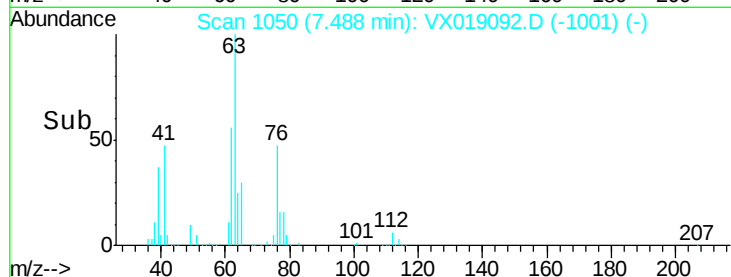
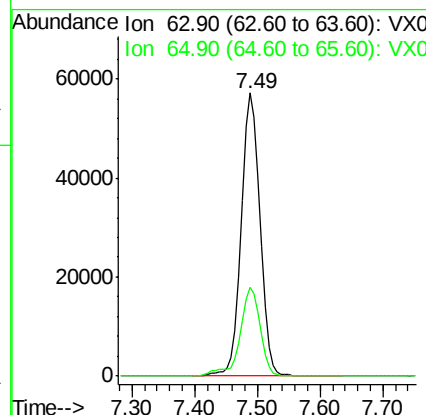
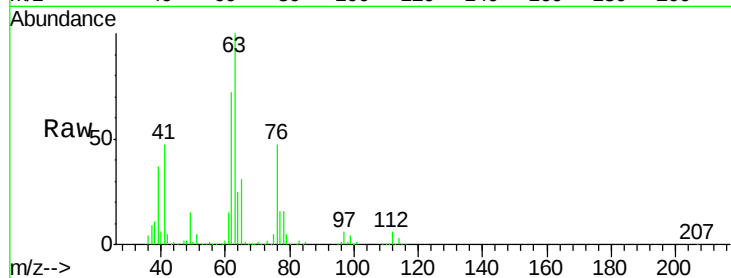
#45
 1,2-Dichloropropane
 Concen: 50.404 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 118854
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.9 37.3

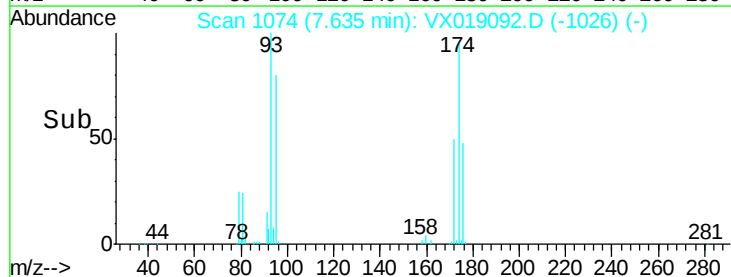
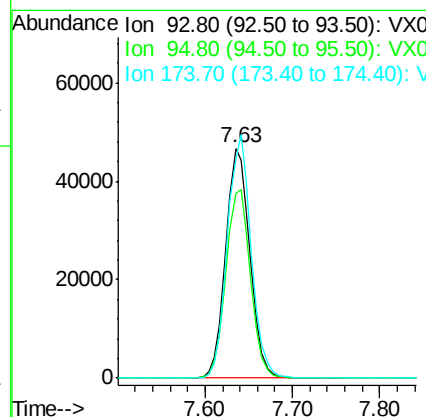
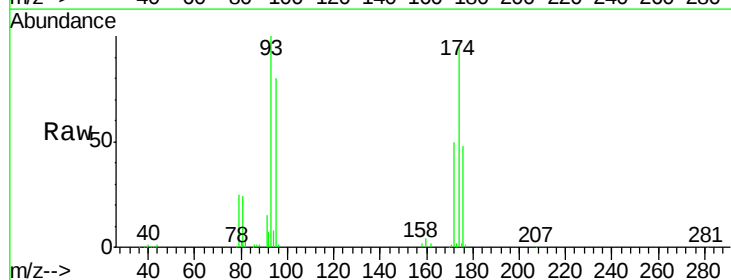
Manual Integrations
 APPROVED

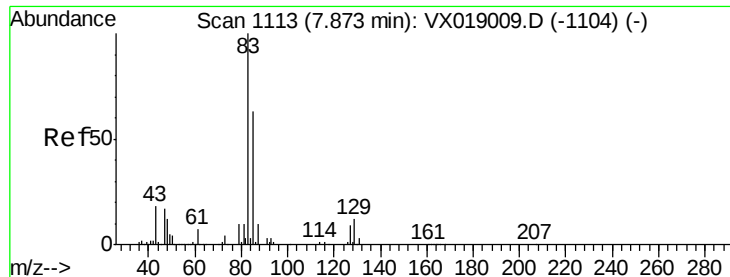
MMDadoda
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#46
 Dibromomethane
 Concen: 49.918 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion: 93 Resp: 89652
 Ion Ratio Lower Upper
 93 100
 95 83.3 66.8 100.2
 174 103.8 83.8 125.8





#47

Bromodichloromethane

Concen: 50.362 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

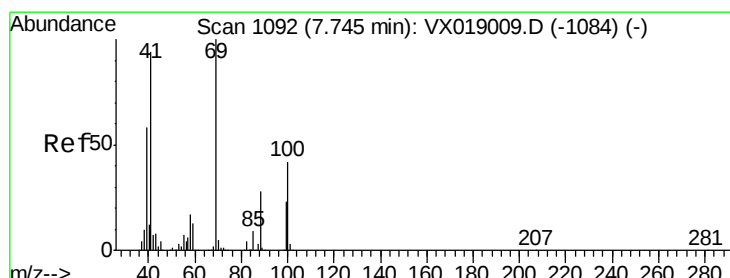
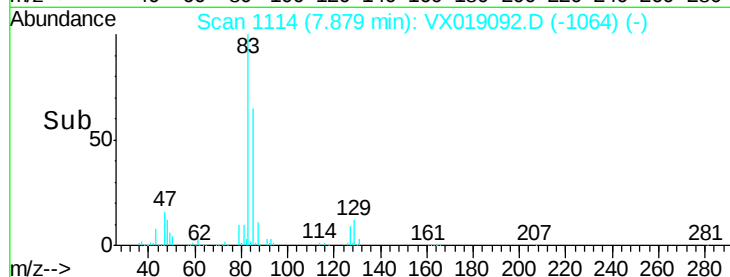
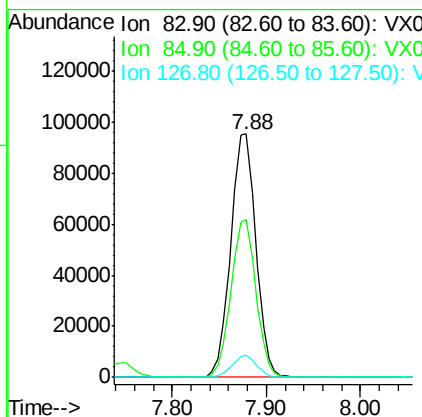
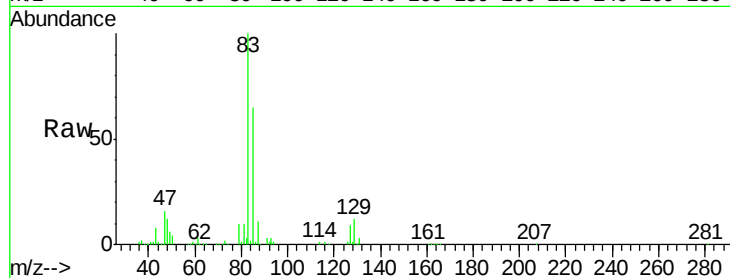
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	177345
Ion Ratio	Lower	Upper	
83	100		
85	65.1	50.7	76.1
127	9.3	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 46.952 ug/l

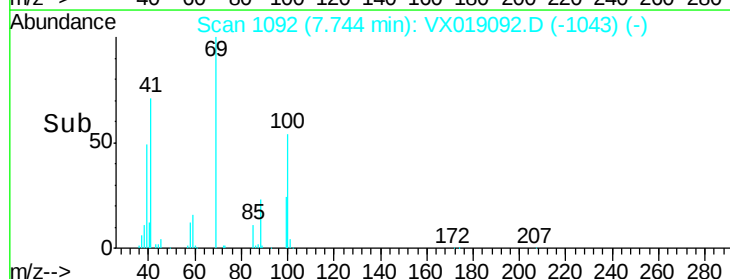
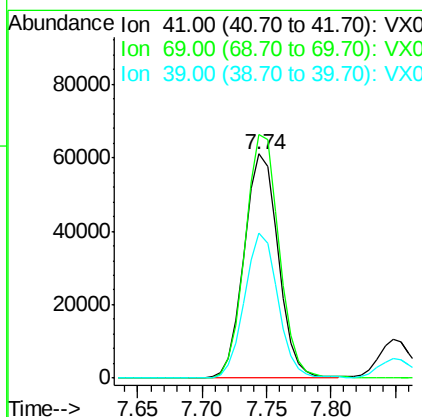
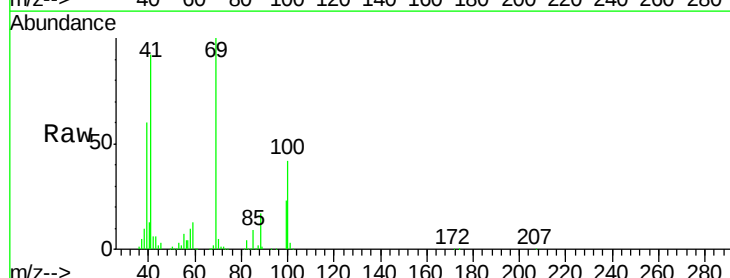
RT: 7.74 min Scan# 1092

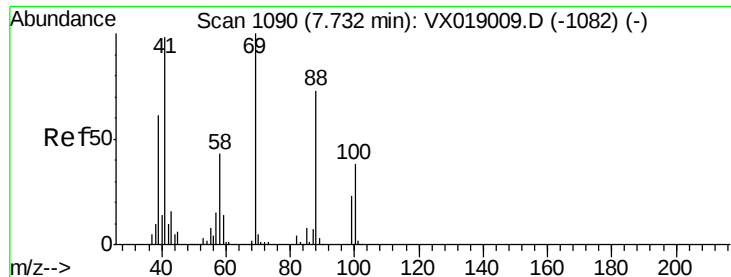
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	41	Resp:	111622
Ion Ratio	Lower	Upper	
41	100		
69	108.4	85.5	128.3
39	63.5	49.3	73.9





#49

1,4-Dioxane

Concen: 973.481 ug/l

RT: 7.73 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

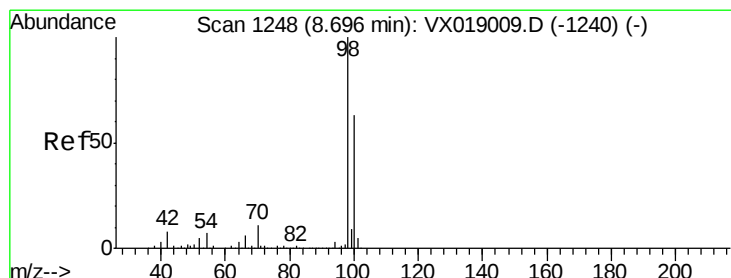
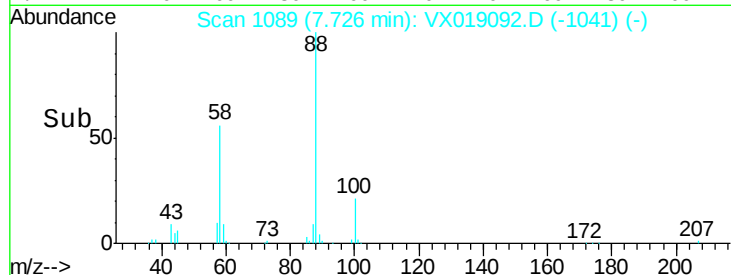
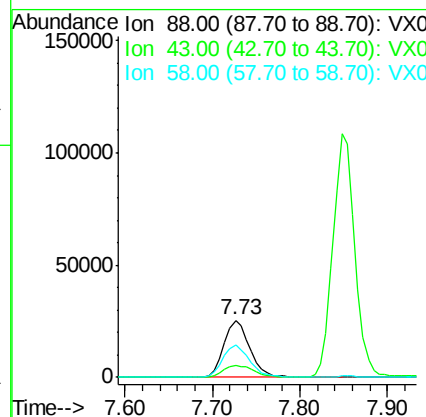
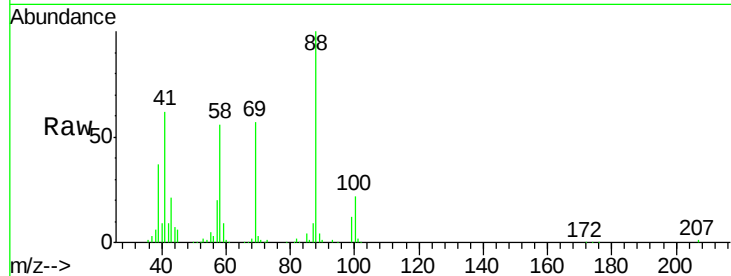
ClientSampled :

VSTDCCC050

Tot Ion:	88	Resp:	52291
Ion	Ratio	Lower	Upper
88	100		
43	24.8	20.3	30.5
58	58.6	48.4	72.6

Manual Integrations
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#50

Toluene-d8

Concen: 48.496 ug/l

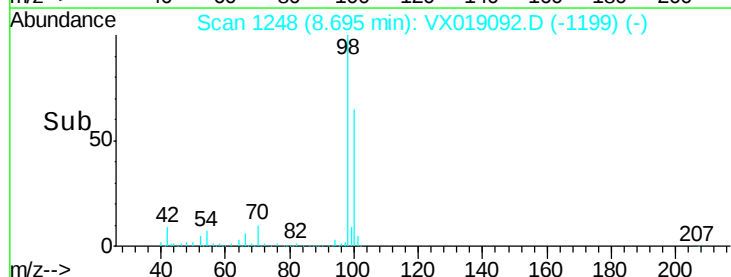
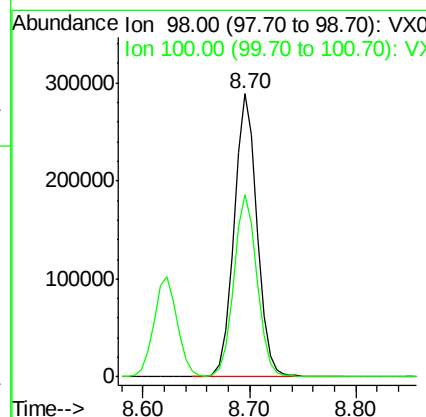
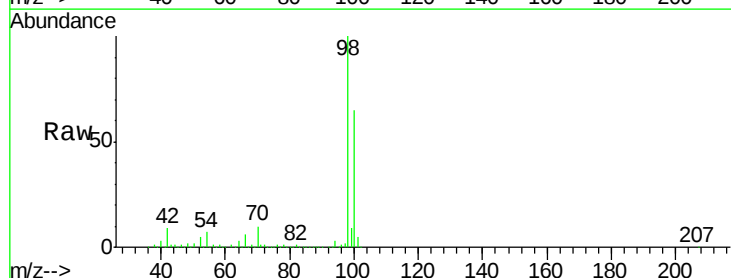
RT: 8.70 min Scan# 1248

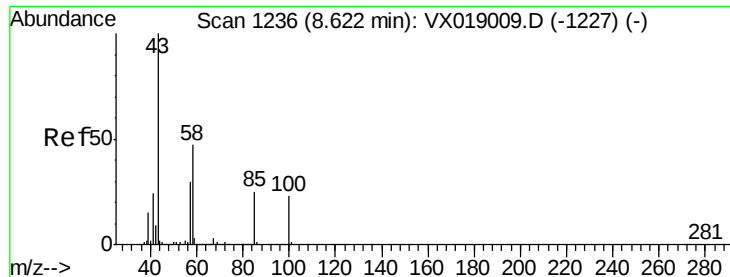
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	98	Resp:	435855
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.1	78.1





#51

4-Methyl-2-Pentanone

Concen: 249.220 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 708565

Ion Ratio Lower Upper

43 100

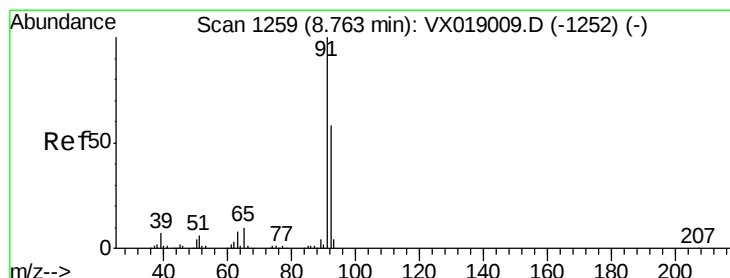
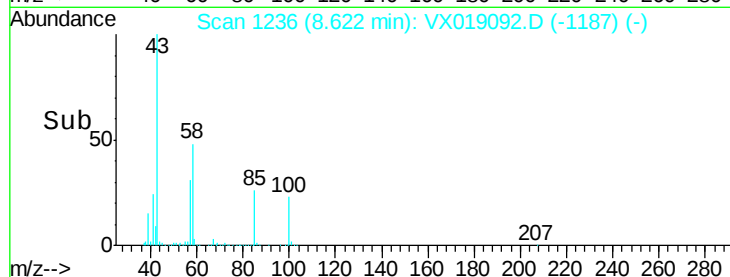
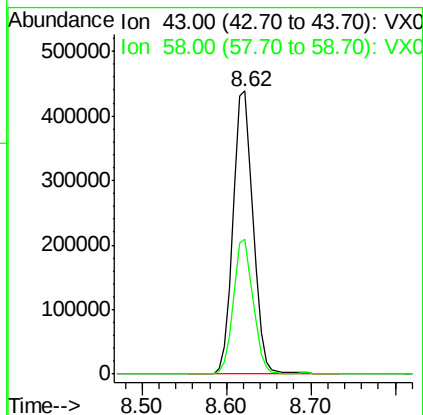
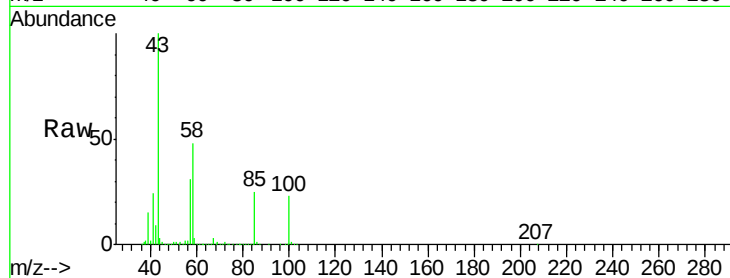
58 46.7 37.4 56.0

Manual Integrations

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#52

Toluene

Concen: 50.158 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019092.D

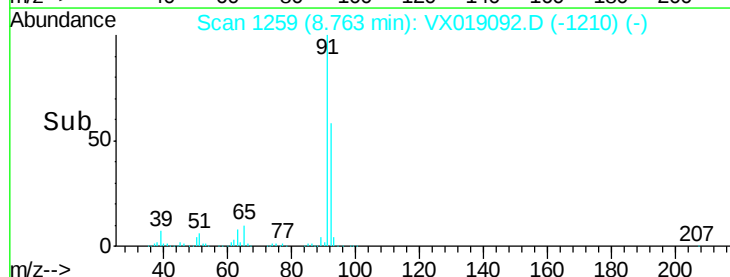
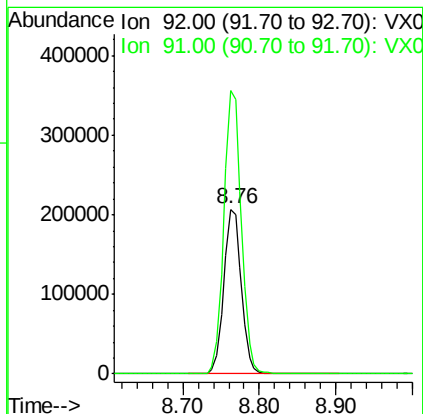
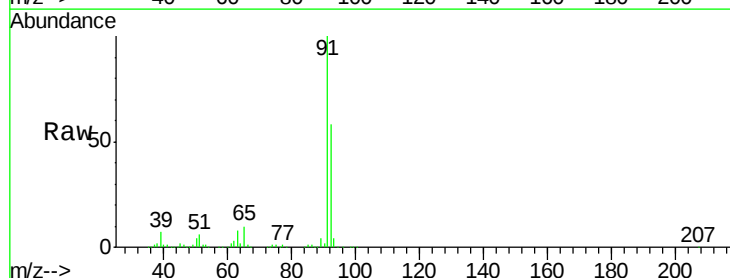
Acq: 23 Oct 2020 22:06

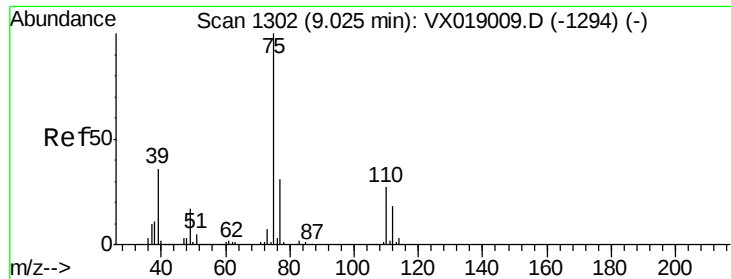
Tgt Ion: 92 Resp: 325669

Ion Ratio Lower Upper

92 100

91 172.5 138.6 208.0





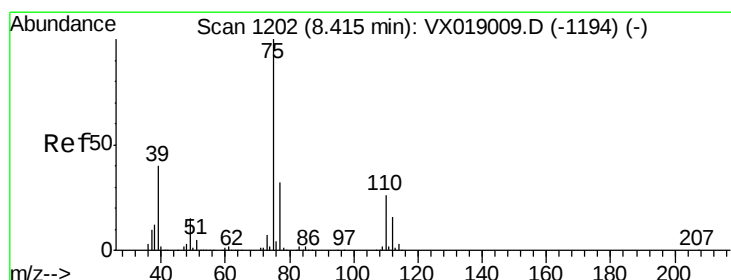
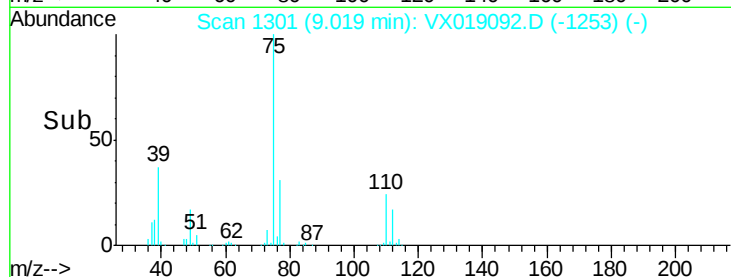
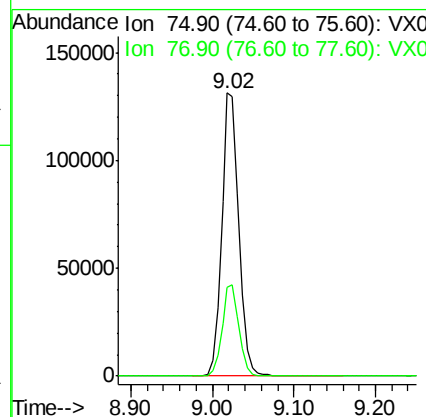
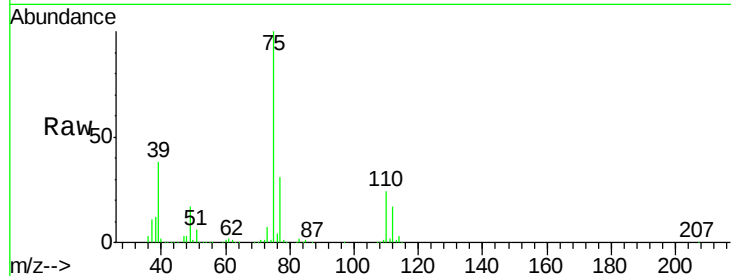
#53
t-1,3-Dichloropropene
Concen: 48.290 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 192026
Ion Ratio Lower Upper
75 100
77 31.5 25.1 37.7

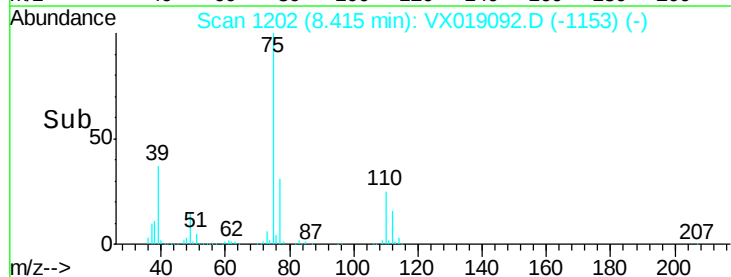
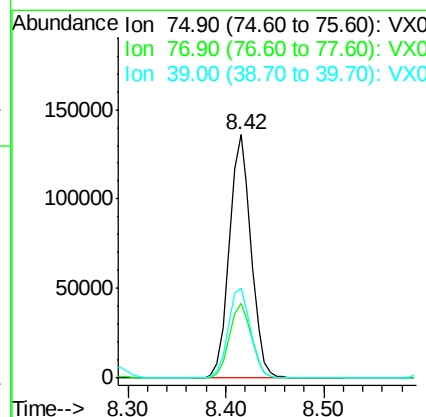
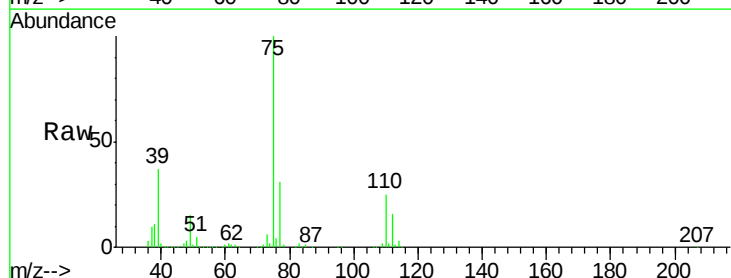
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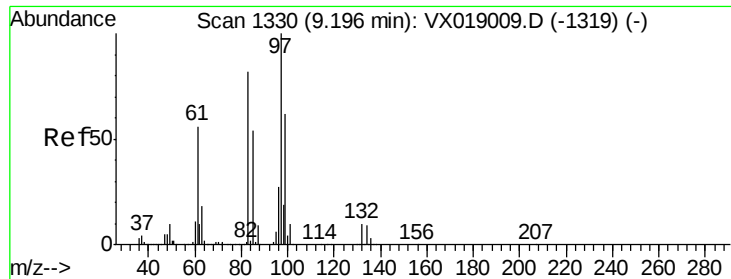
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#54
cis-1,3-Dichloropropene
Concen: 49.820 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 75 Resp: 209207
Ion Ratio Lower Upper
75 100
77 30.9 25.9 38.9
39 36.9 31.7 47.5





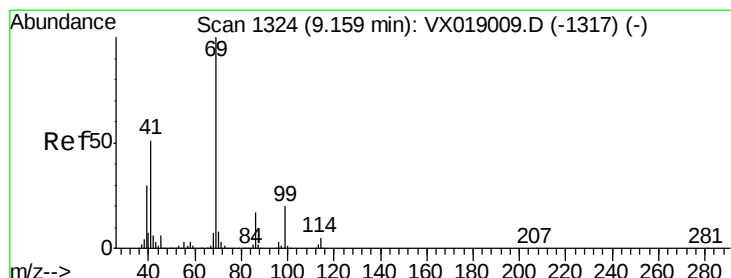
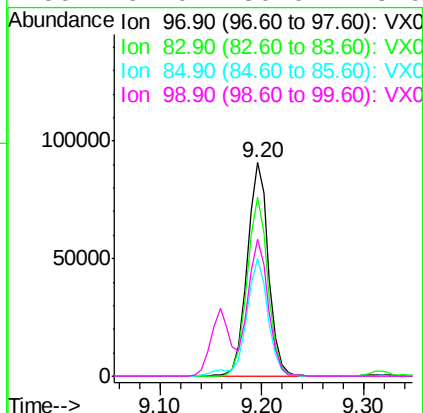
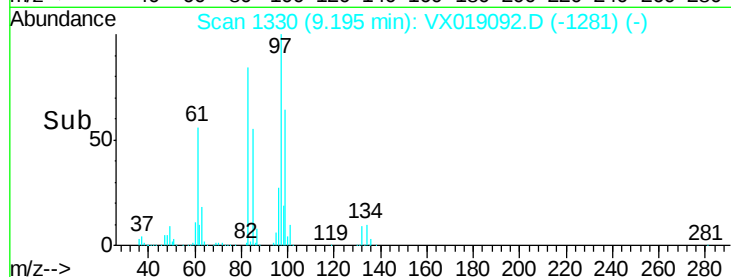
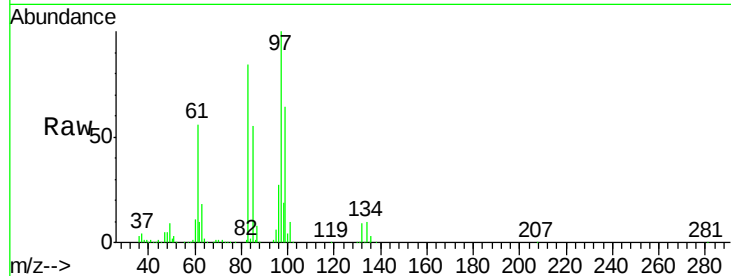
#55
 1,1,2-Trichloroethane
 Concen: 49.627 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	131357		
83	83.7	65.4	98.2	
85	55.1	43.3	64.9	
99	64.0	50.0	75.0	

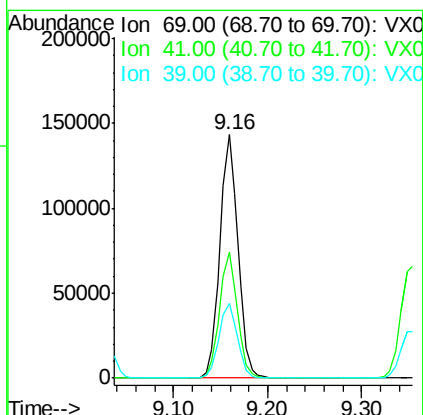
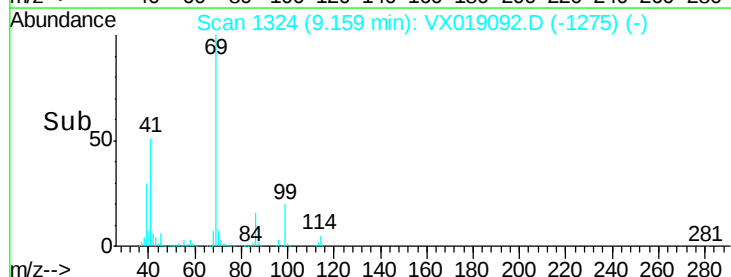
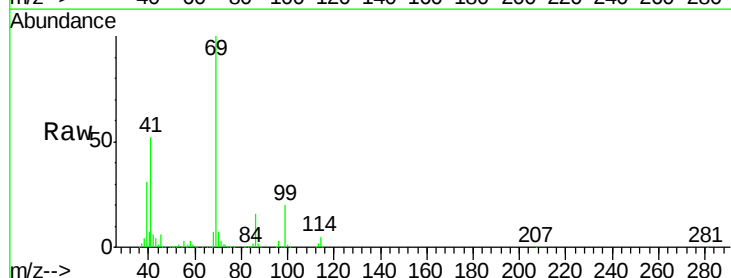
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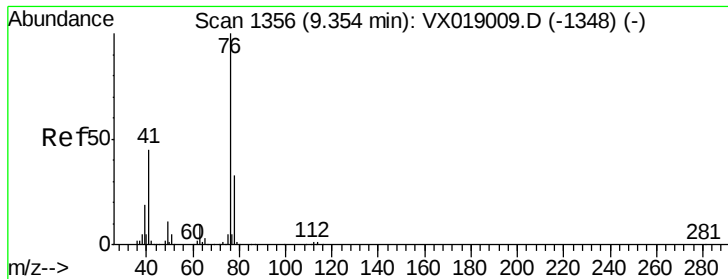
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#56
 Ethyl methacrylate
 Concen: 50.316 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	191606		
41	50.8	41.1	61.7	
39	31.5	24.6	37.0	





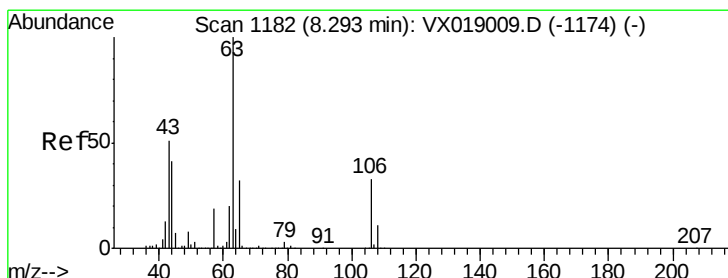
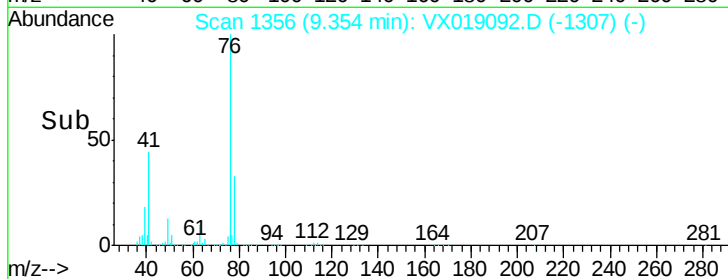
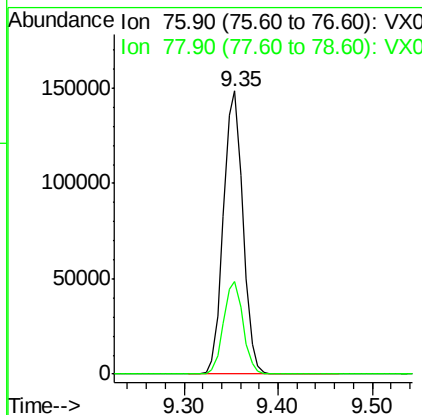
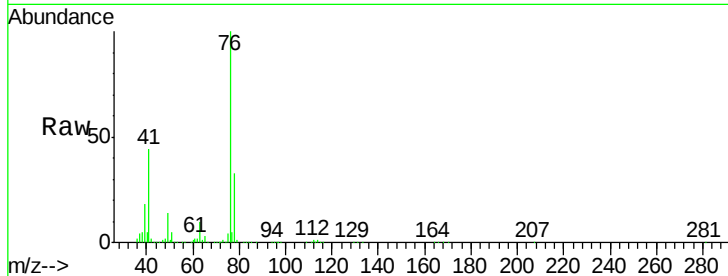
#57
 1,3-Dichloropropane
 Concen: 50.870 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.8	26.2	39.4

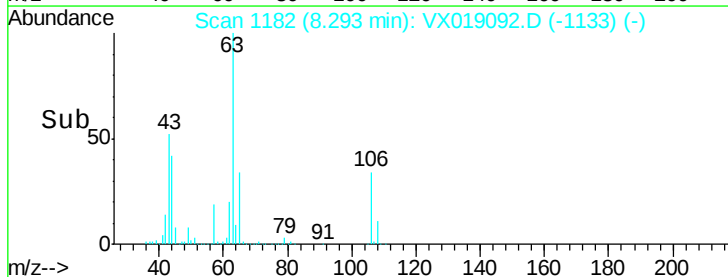
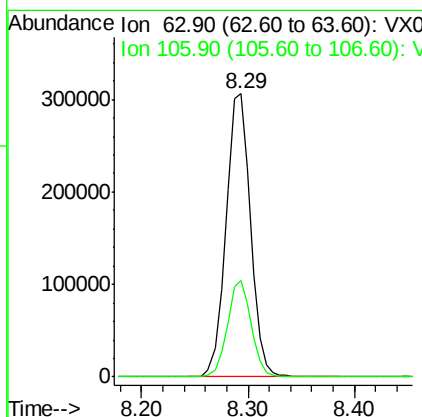
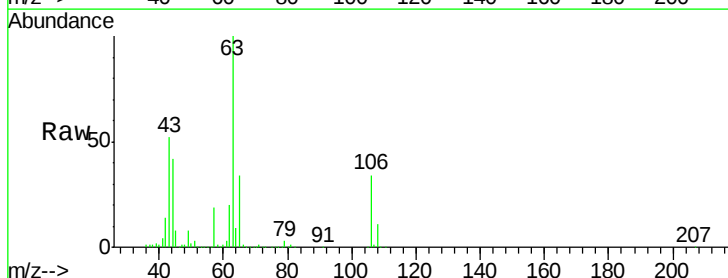
Manual Integrations
 APPROVED

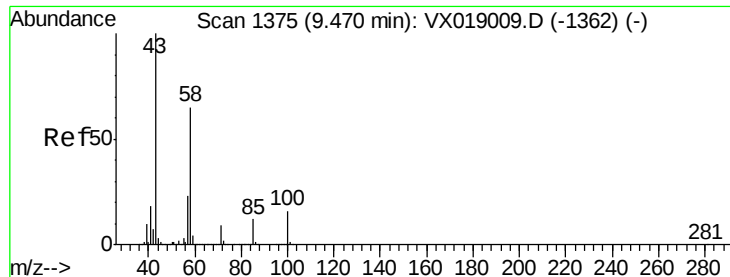
MMDadoda
 10/26/2020 10:02:38 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.598 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
63	100		
106	33.0	26.0	39.0





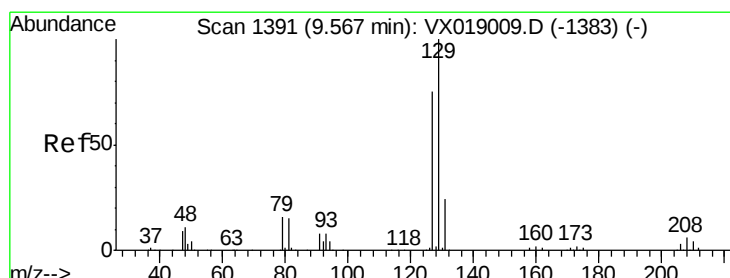
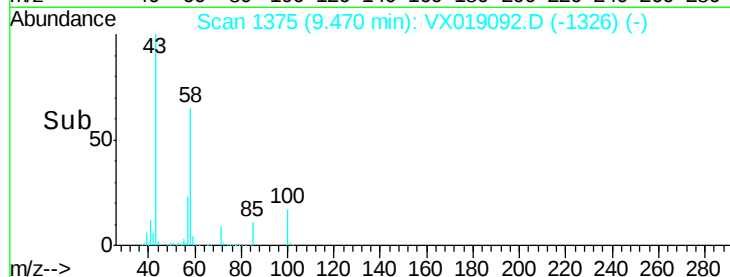
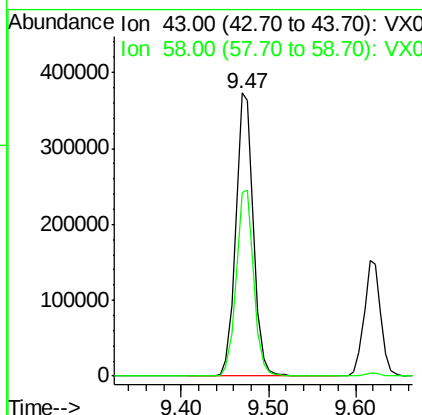
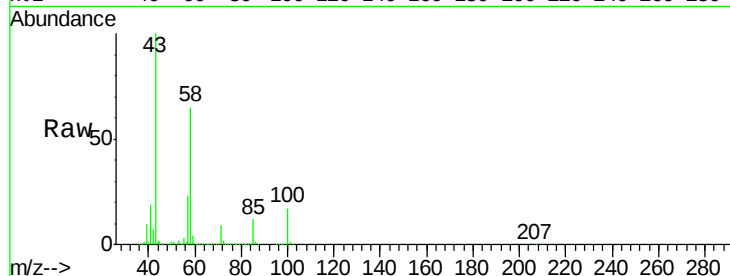
#59
2-Hexanone
Concen: 248.426 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.8	32.8	98.4

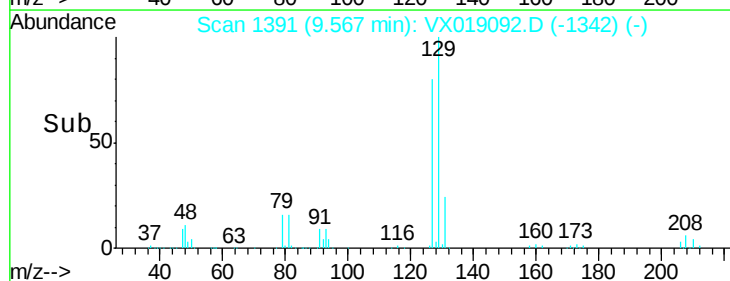
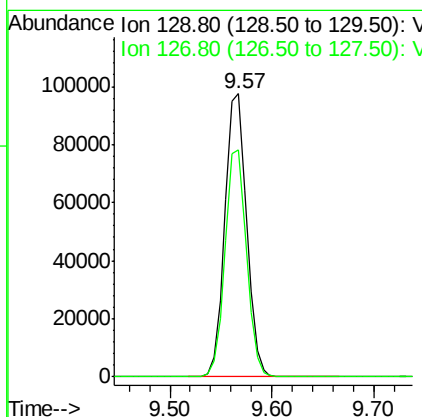
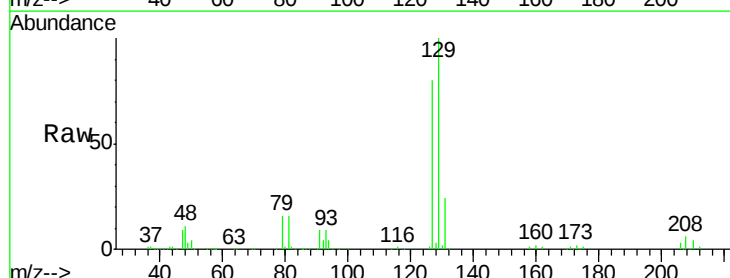
Manual Integrations
APPROVED

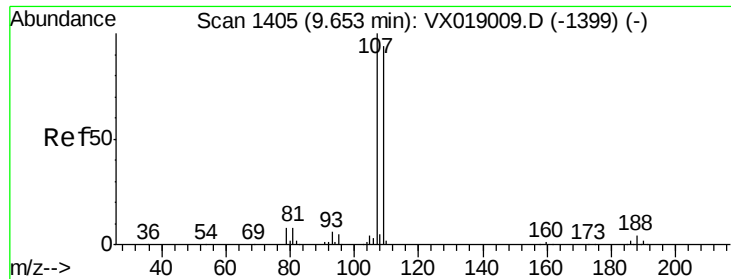
MMDadoda
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#60
Dibromochloromethane
Concen: 50.048 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.2	38.6	115.7





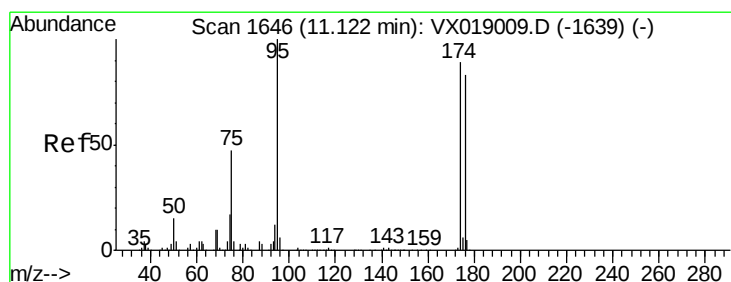
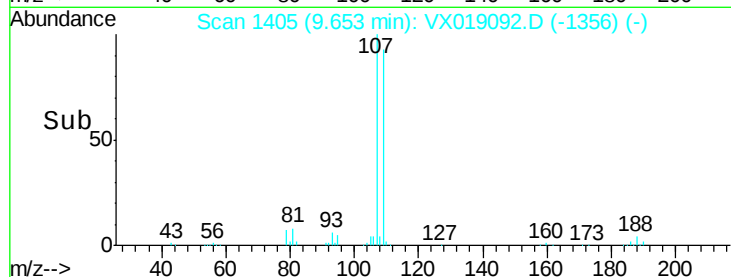
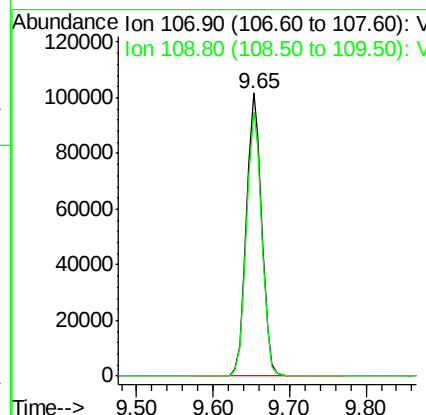
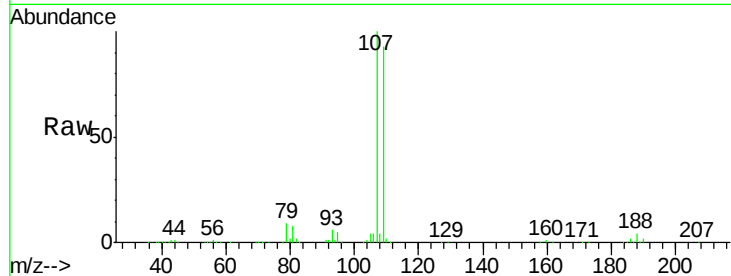
#61
 1,2-Dibromoethane
 Concen: 49.667 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.0	112.6

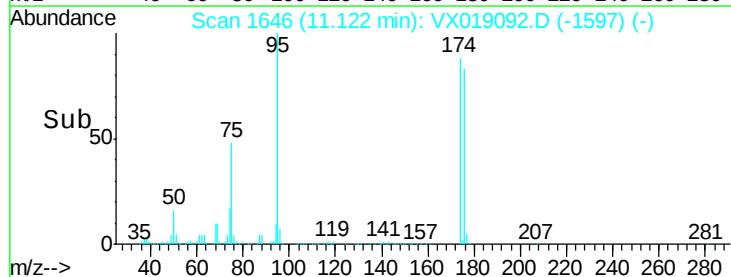
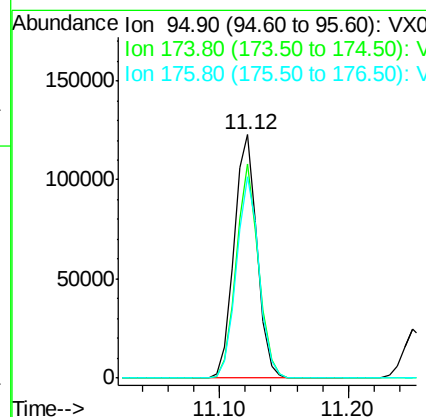
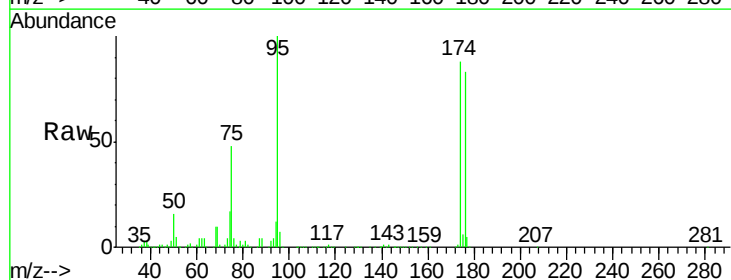
Manual Integrations
 APPROVED

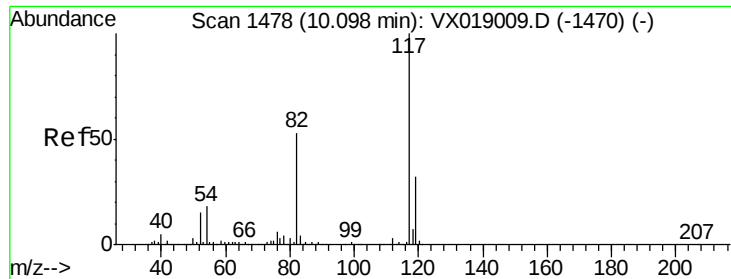
MMDadoda
 10/26/2020 10:02:38 AM



#62
 4-Bromofluorobenzene
 Concen: 48.067 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	85.1	0.0	167.6
176	81.5	0.0	165.2





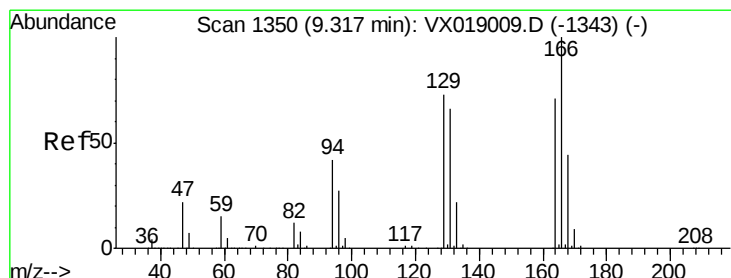
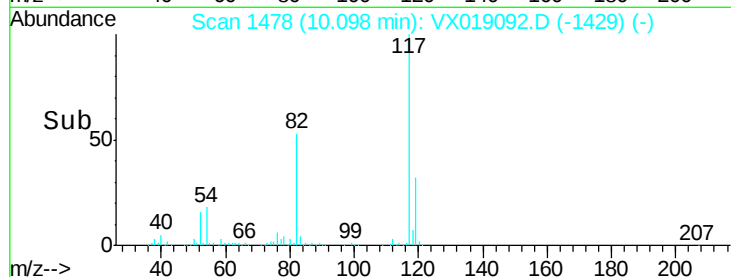
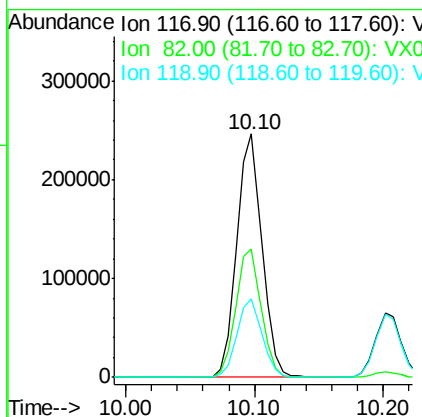
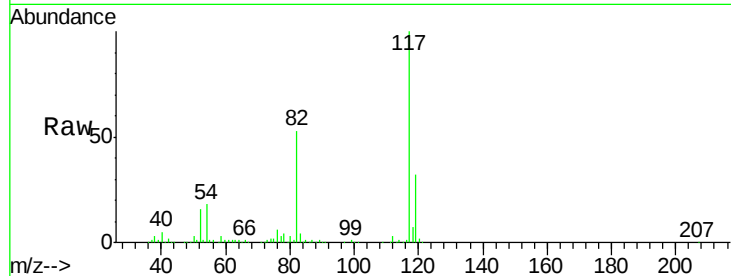
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	335129		
82	52.6		42.4	63.6
119	32.4		25.6	38.4

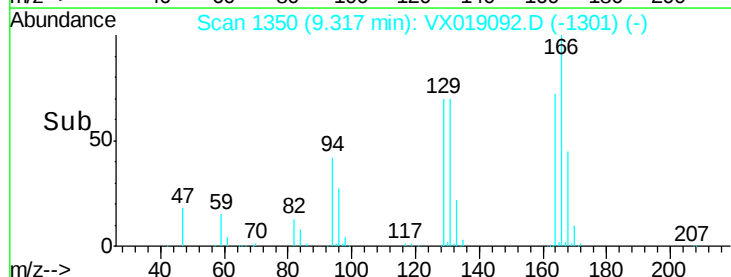
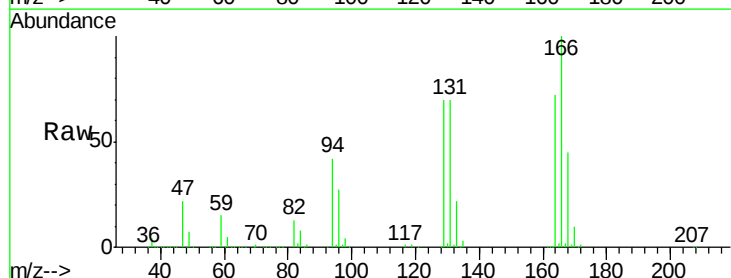
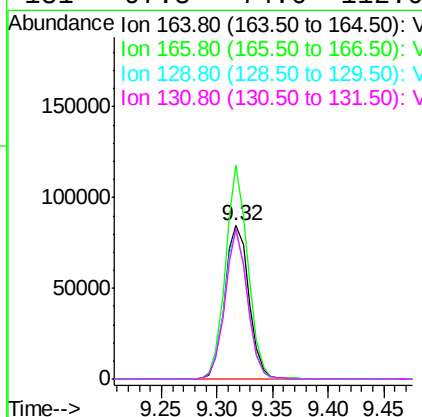
Manual Integrations
APPROVED

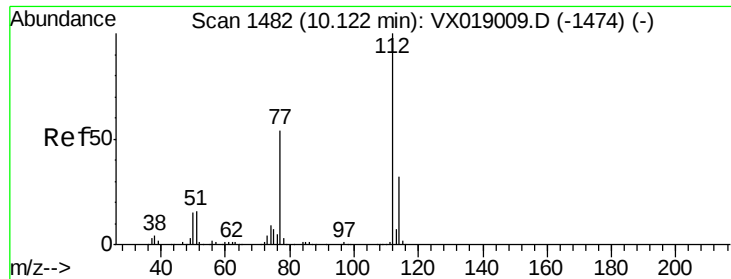
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#64
Tetrachloroethene
Concen: 49.572 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126486		
166	139.6		112.2	168.4
129	98.2		81.8	122.8
131	97.8		74.6	112.0





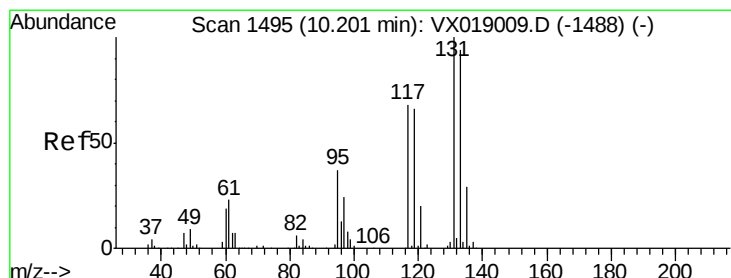
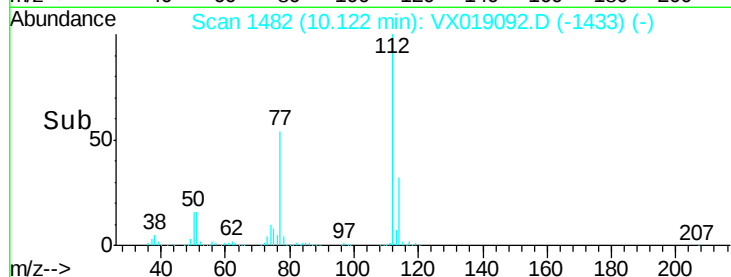
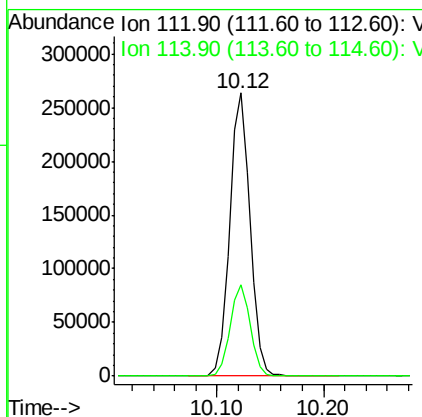
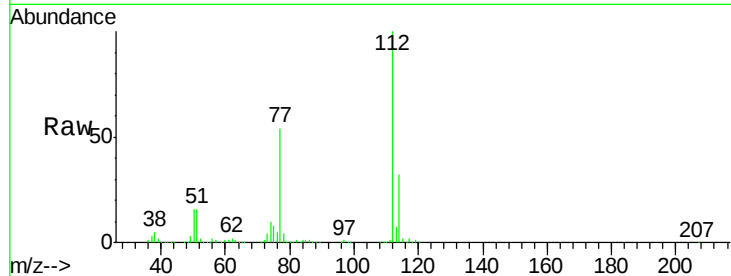
#65
Chlorobenzene
Concen: 50.242 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.5	38.3

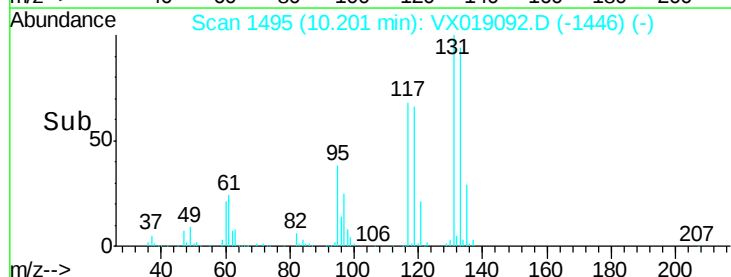
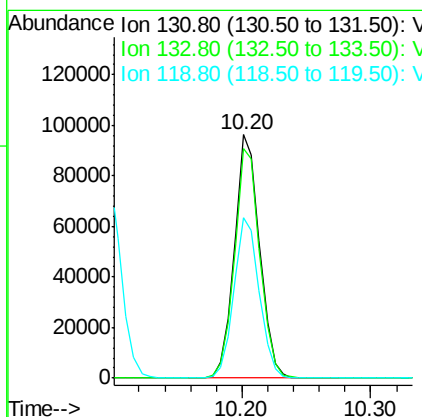
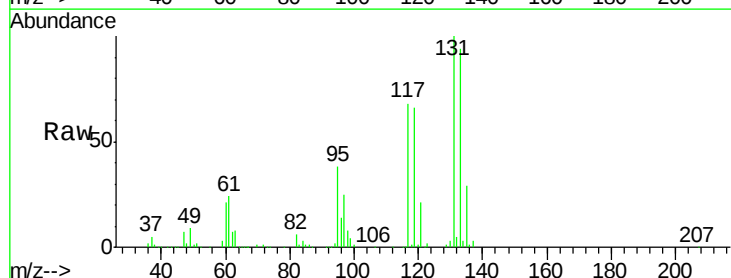
Manual Integrations
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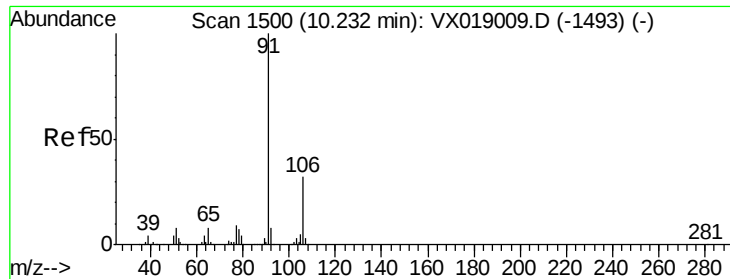
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.257 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	47.0	141.2
119	66.7	32.9	98.7





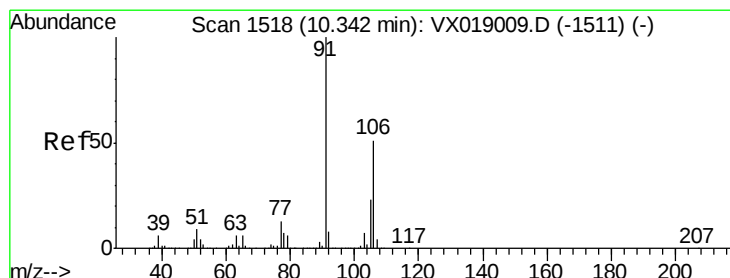
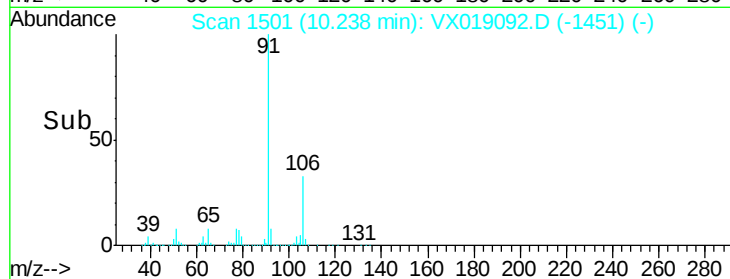
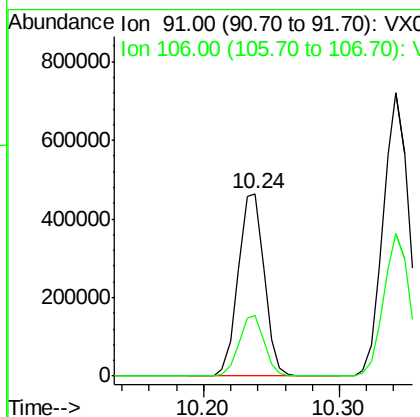
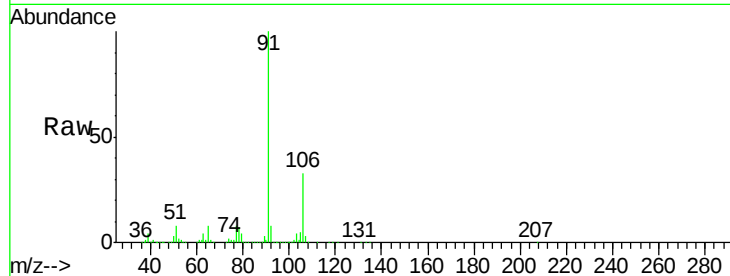
#67
Ethyl Benzene
Concen: 51.372 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 622487
Ion Ratio Lower Upper
91 100
106 33.4 25.3 37.9

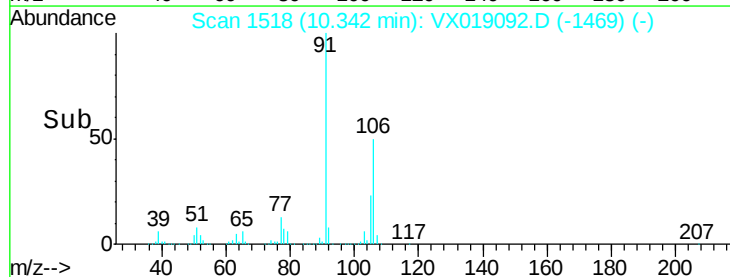
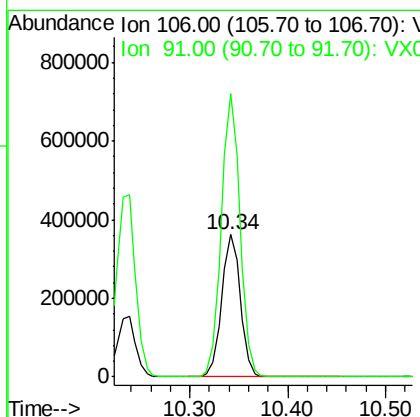
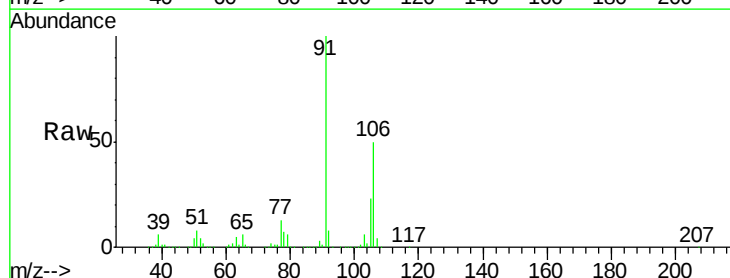
Manual Integrations
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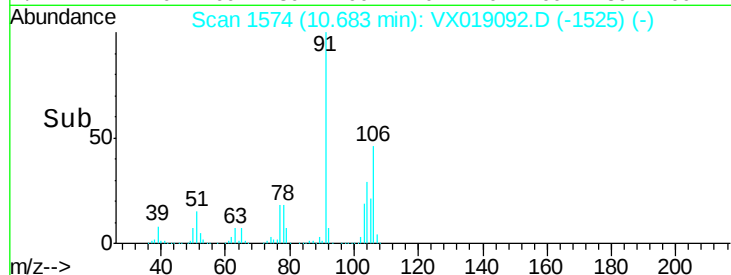
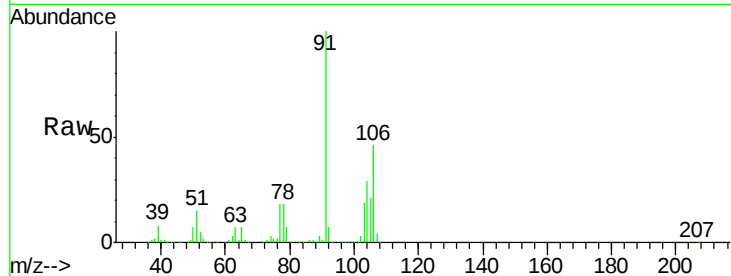
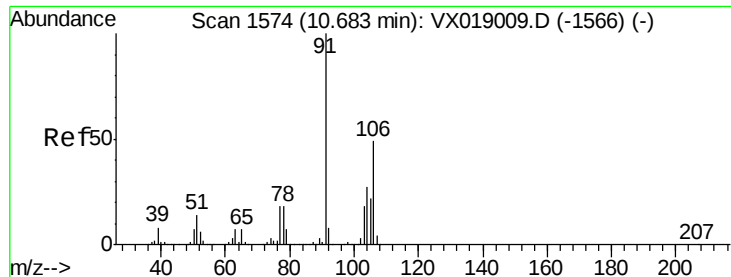
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#68
m/p-Xylenes
Concen: 103.347 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion: 106 Resp: 479706
Ion Ratio Lower Upper
106 100
91 198.6 156.9 235.3





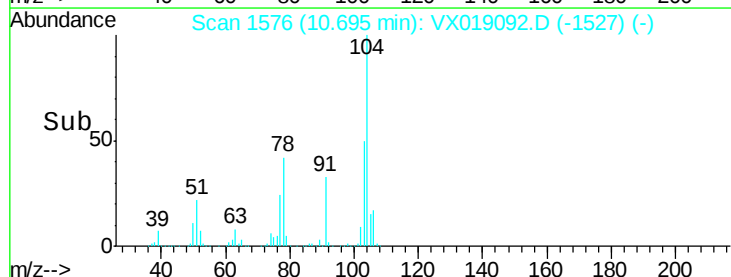
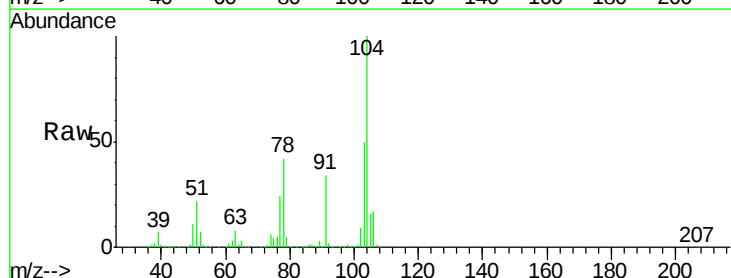
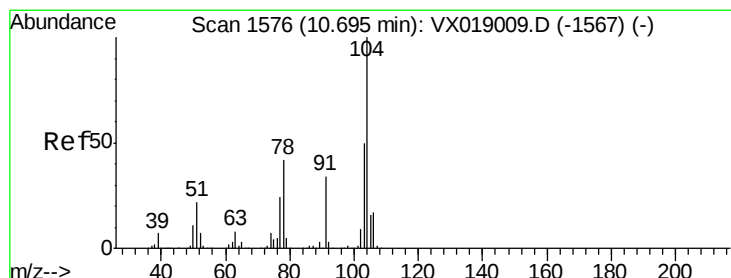
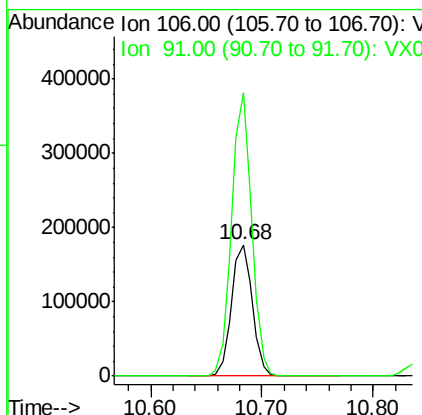
#69
o-Xylene
Concen: 51.483 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tot Ion	Ratio	Resp	Lower	Upper
106	100	228708		
91	208.7	104.0	312.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

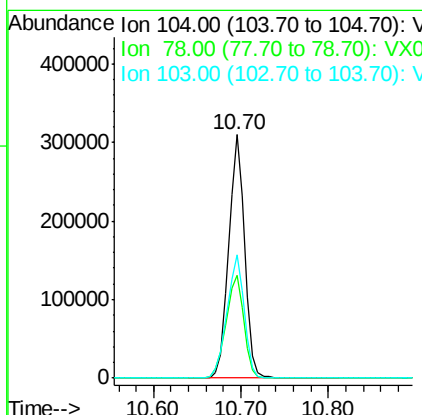
Manual Integrations
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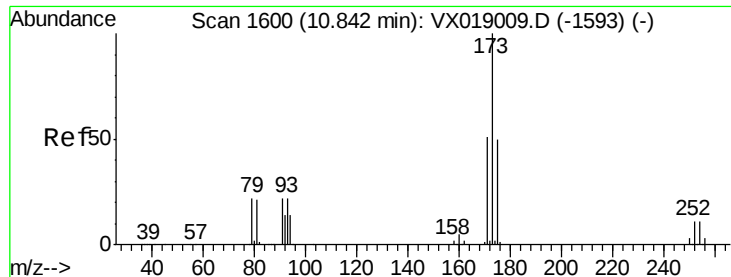
MMDadoda
10/26/2020 10:02:38 AM



#70
Styrene
Concen: 51.804 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	390719		
78	47.5	37.7	56.5	
103	54.8	43.5	65.3	





#71

Bromoform

Concen: 51.023 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

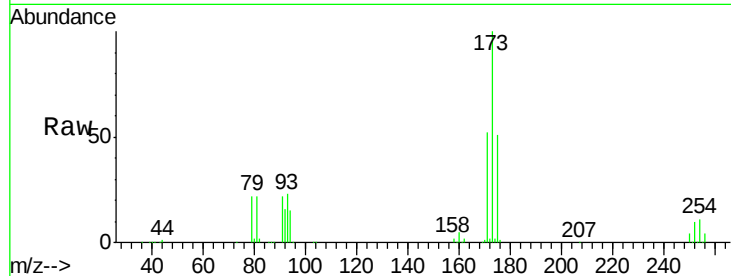
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.1	72.4
254	0.1	0.1	0.1

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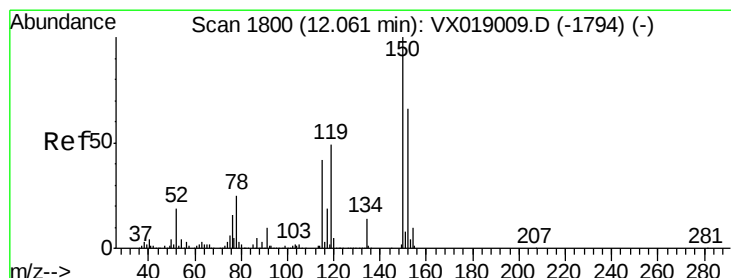
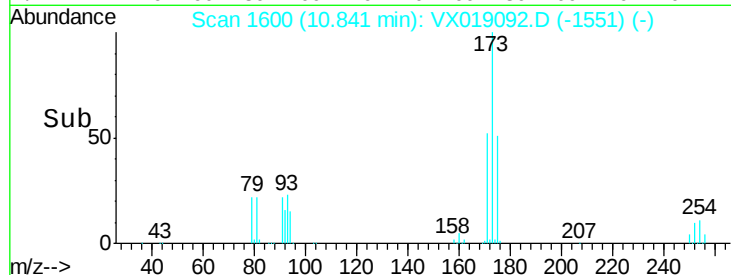
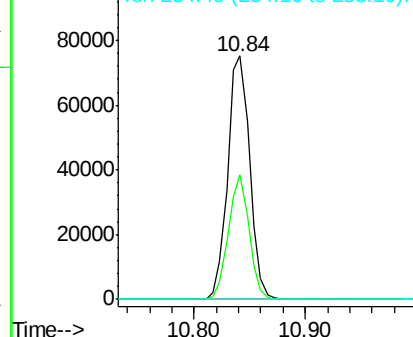


Abundance

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

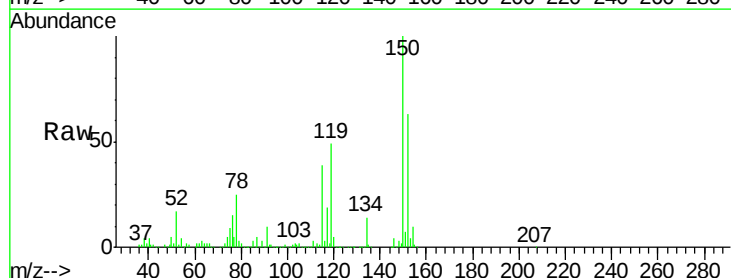
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.1	40.8	122.5
150	176.3	0.0	345.6

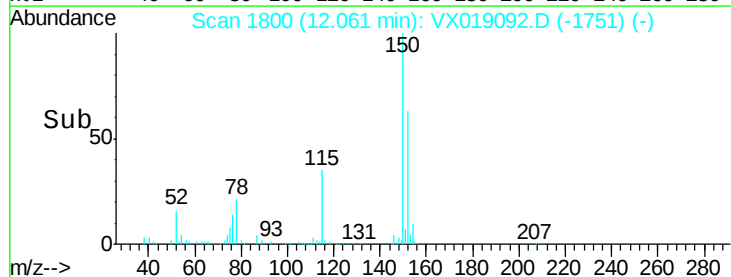
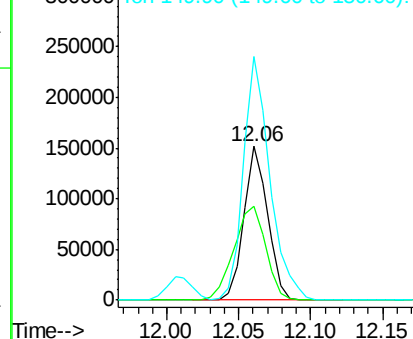


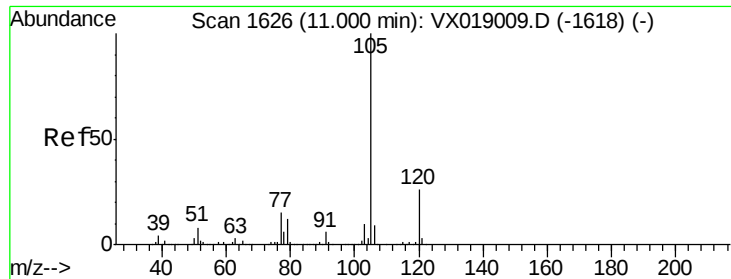
Abundance

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: 49.580 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 620838

Ion Ratio Lower Upper

105 100

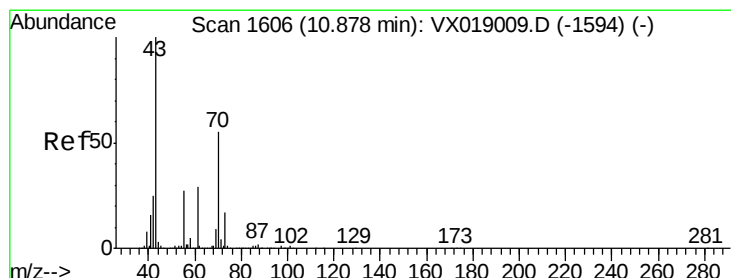
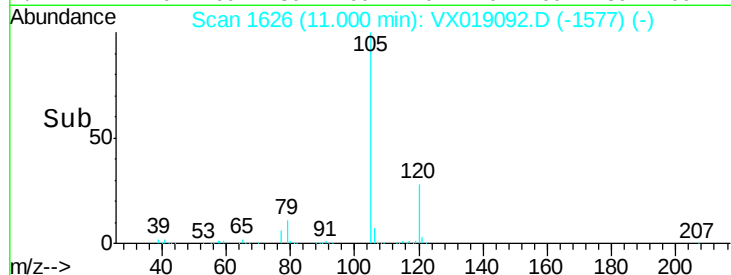
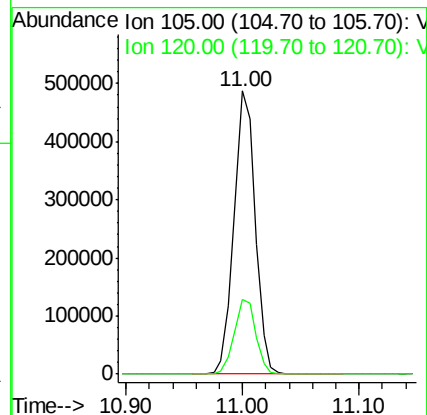
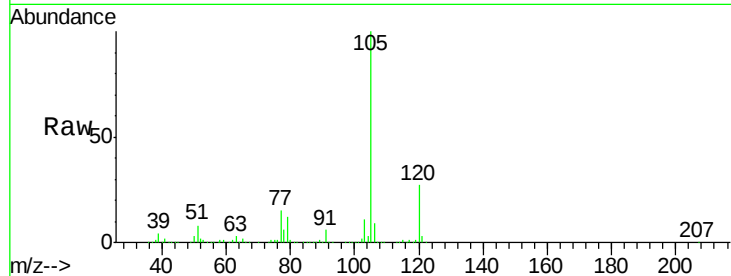
120 26.9 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.256 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion: 43 Resp: 197616

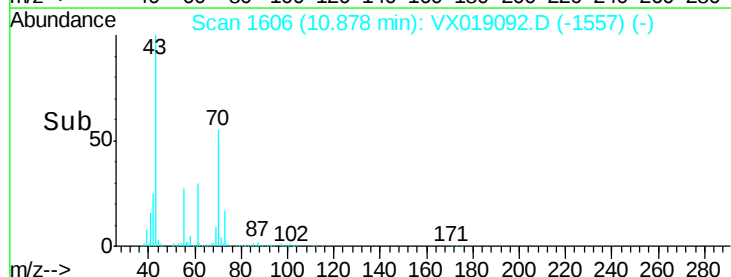
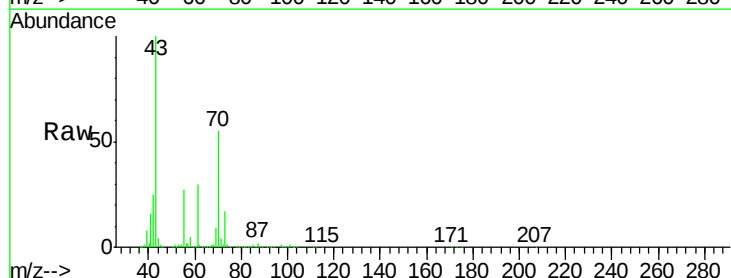
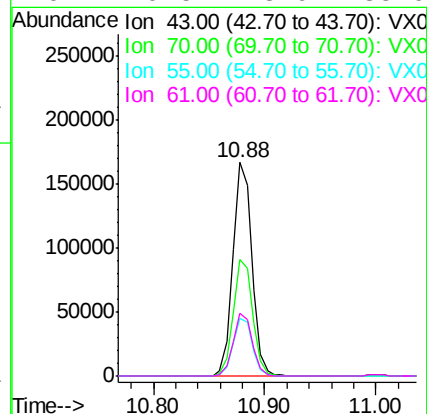
Ion Ratio Lower Upper

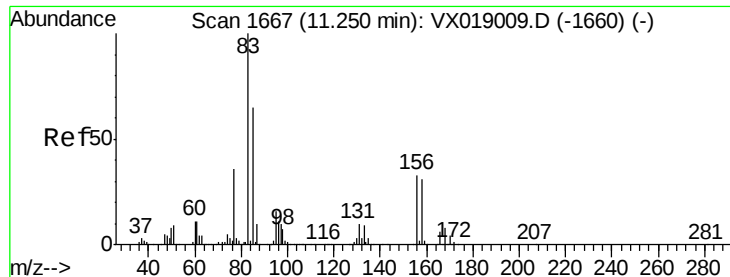
43 100

70 55.4 44.5 66.7

55 27.5 21.9 32.9

61 29.5 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 51.361 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

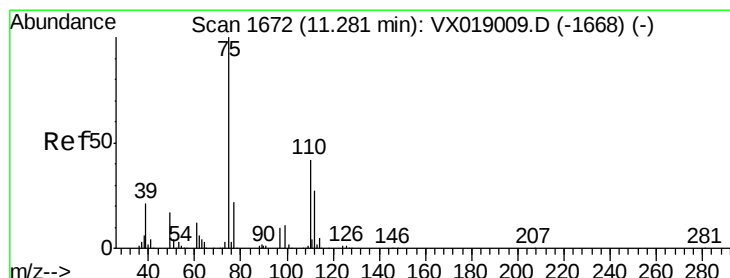
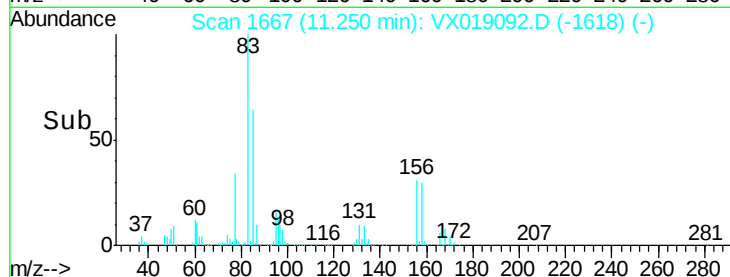
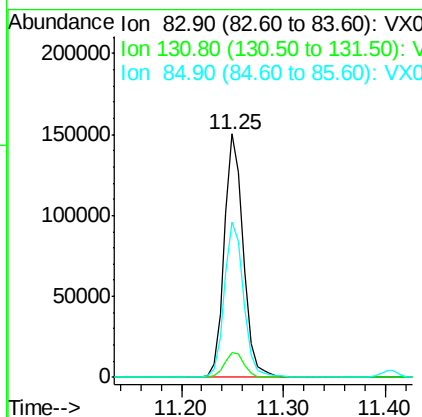
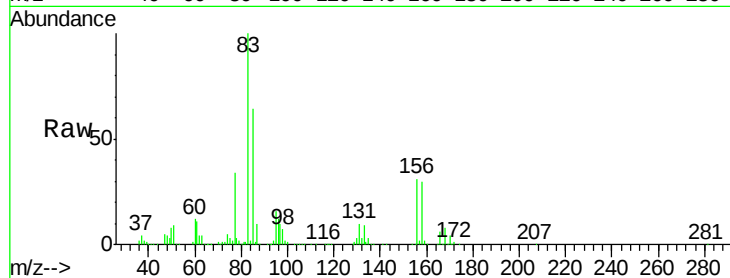
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	193748
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.1	15.4
85	64.7	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.829 ug/l m

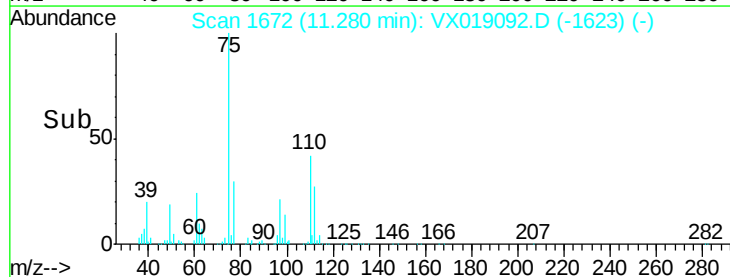
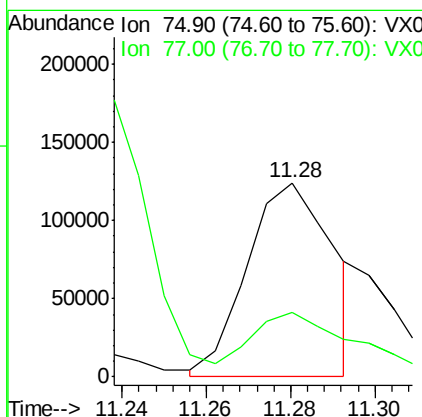
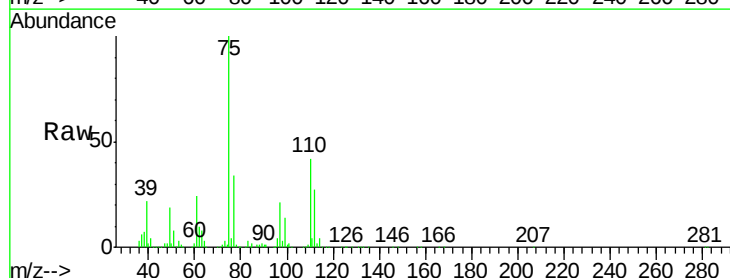
RT: 11.28 min Scan# 1672

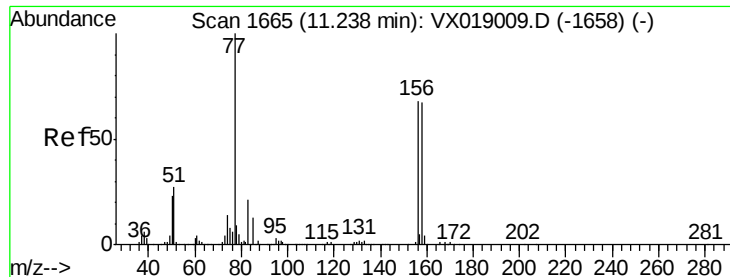
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	75	Resp:	176838
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.7	62.1





#77

Bromobenzene

Concen: 49.312 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

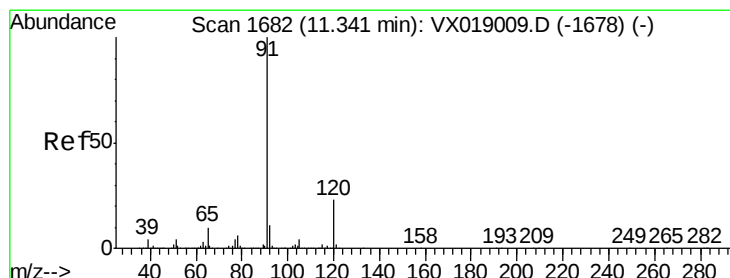
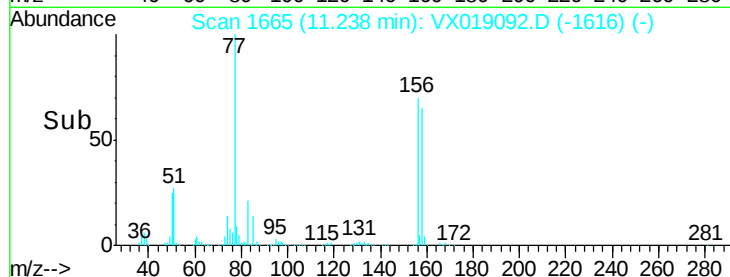
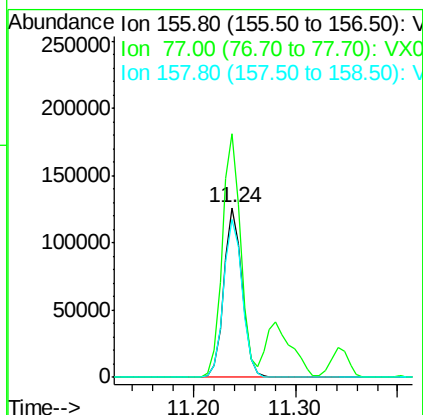
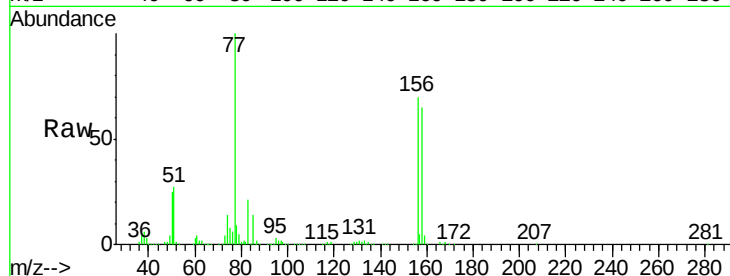
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	155944
Ion Ratio	Lower	Upper	
156	100		
77	146.8	74.4	223.1
158	95.8	48.8	146.3

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#78

n-propylbenzene

Concen: 49.764 ug/l

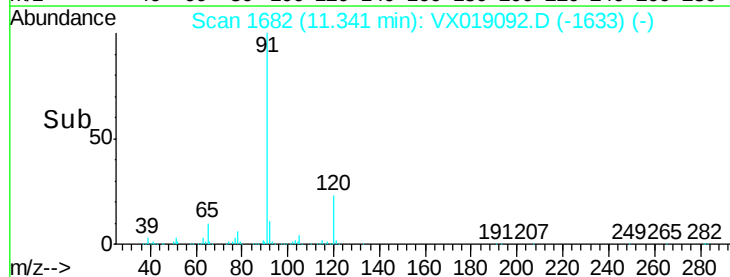
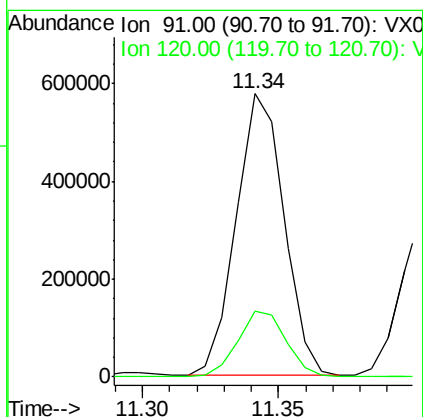
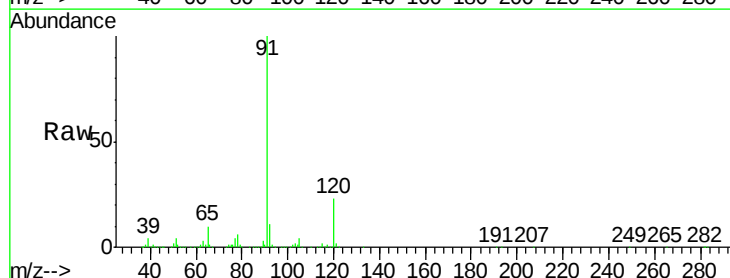
RT: 11.34 min Scan# 1682

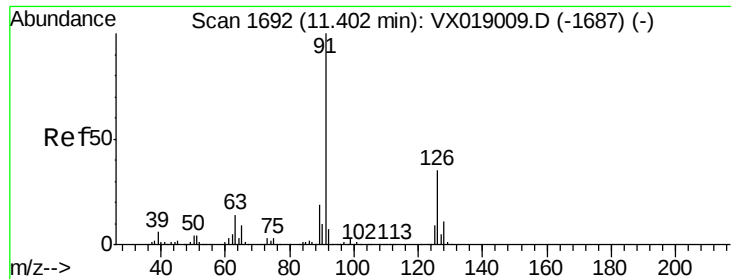
Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Tgt Ion:	91	Resp:	706096
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.1	36.3





#79

2-Chlorotoluene

Concen: 49.308 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019092.D

Acq: 23 Oct 2020 22:06

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 408153

Ion Ratio Lower Upper

91 100

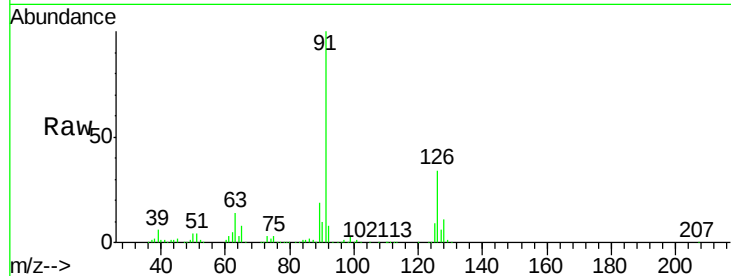
126 35.4 17.5 52.5

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019009.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019009.D (-1687) (-)

600000

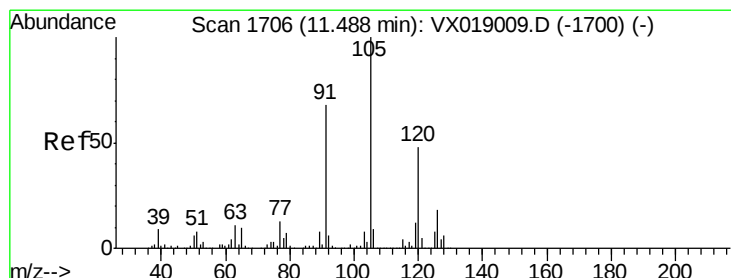
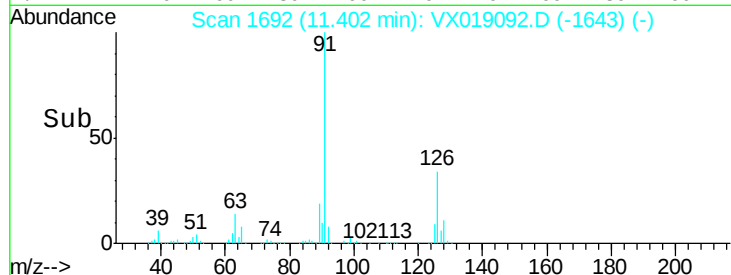
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.557 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019092.D

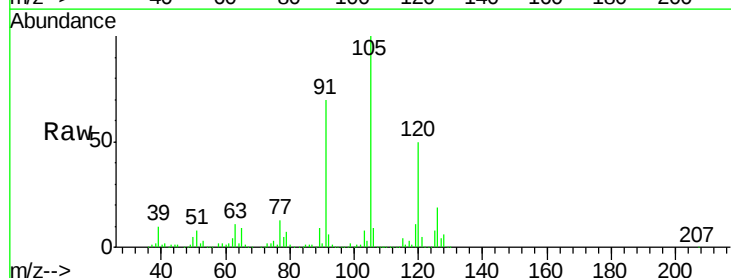
Acq: 23 Oct 2020 22:06

Tgt Ion: 105 Resp: 512439

Ion Ratio Lower Upper

105 100

120 50.8 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX019009.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019009.D (-1700) (-)

400000

300000

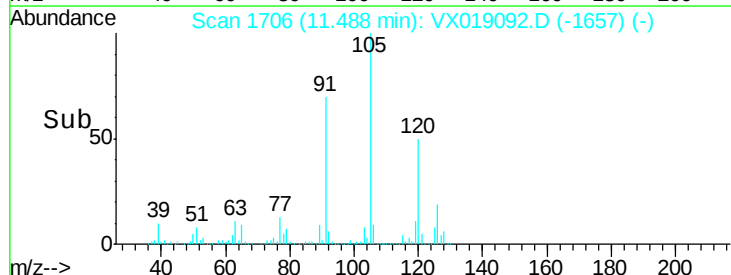
200000

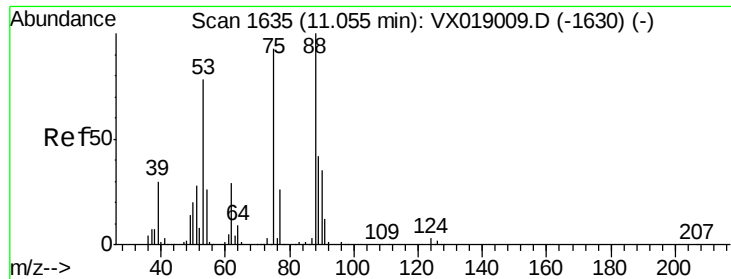
100000

0

11.40 11.50 11.60

Time-->





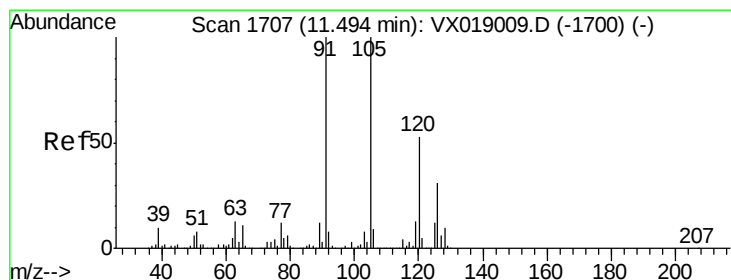
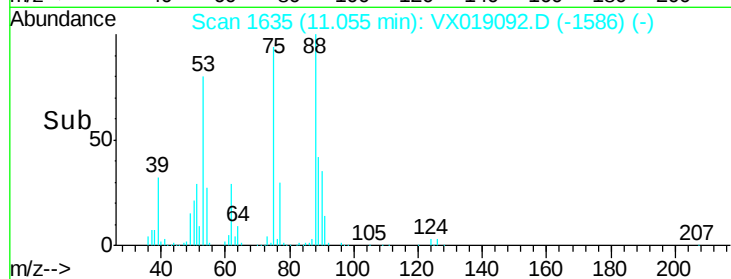
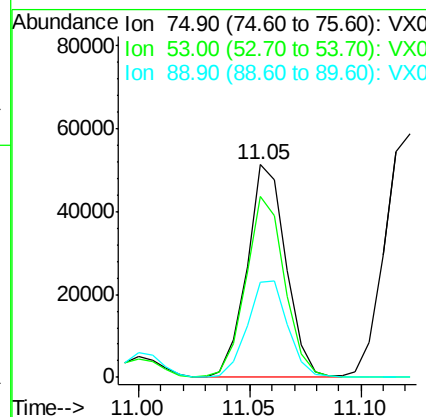
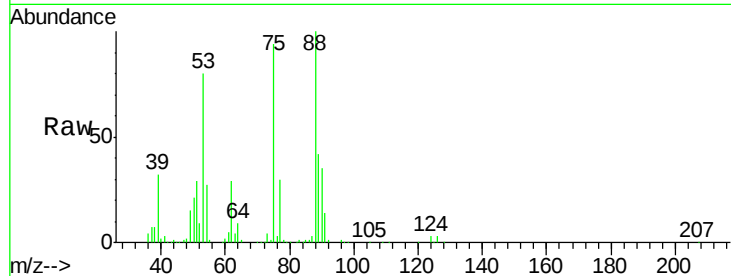
#81
trans-1,4-Dichloro-2-butene
Concen: 45.860 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.6	67.4	101.2
89	47.4	37.2	55.8

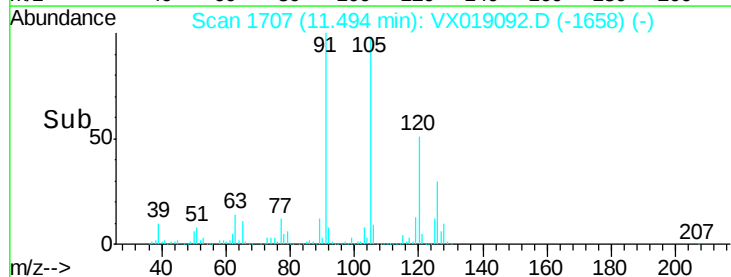
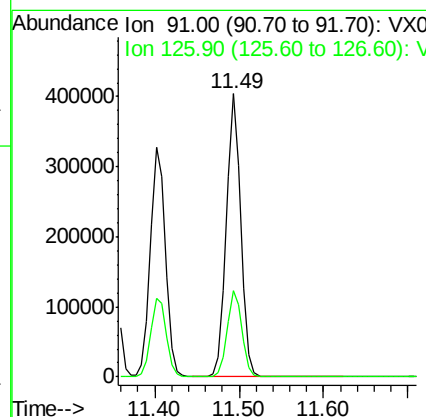
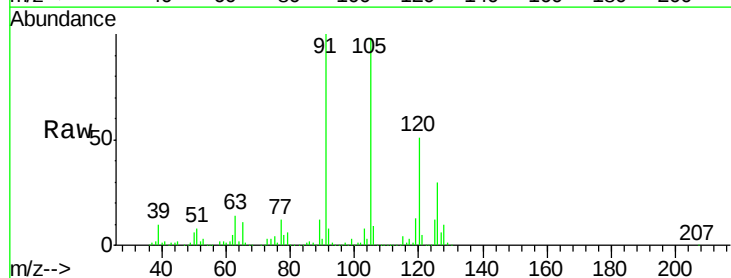
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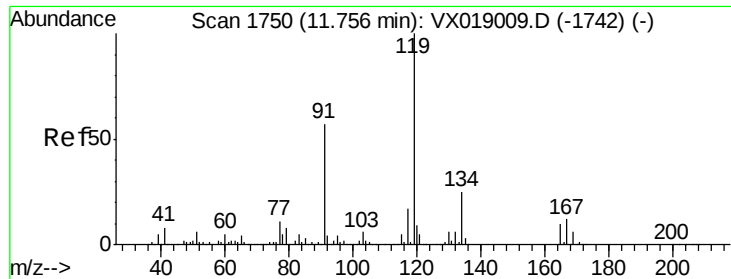
MMDadoda
10/26/2020 10:02:38 AM



#82
4-Chlorotoluene
Concen: 49.047 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.7





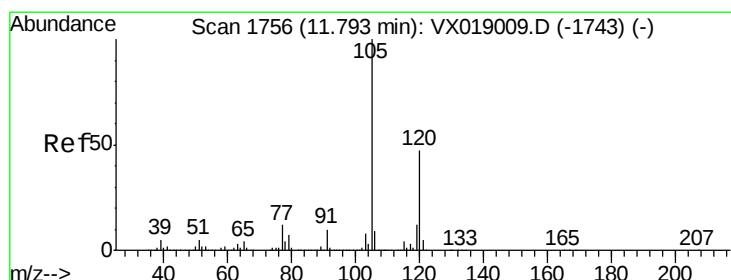
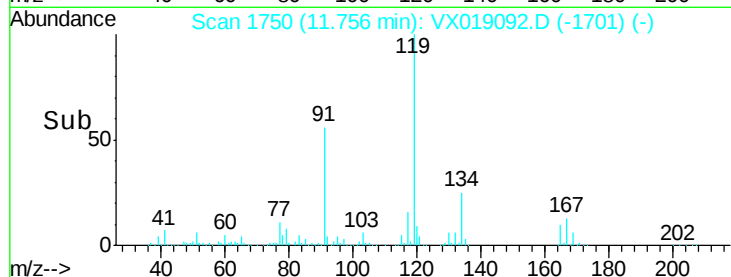
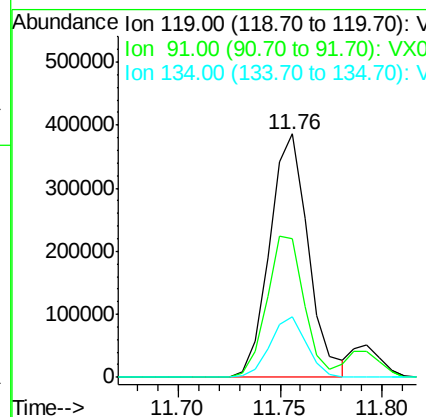
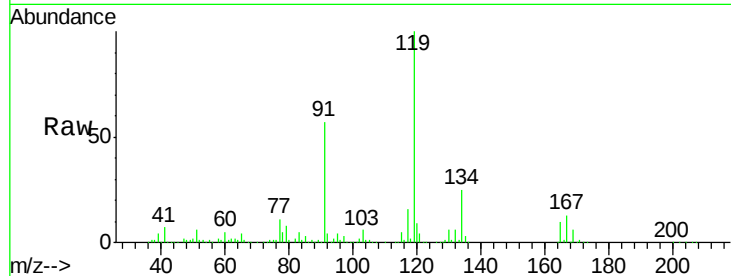
#83
 tert-Butylbenzene
 Concen: 50.125 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	510599		
91	56.0		28.1	84.4
134	23.5		11.8	35.3

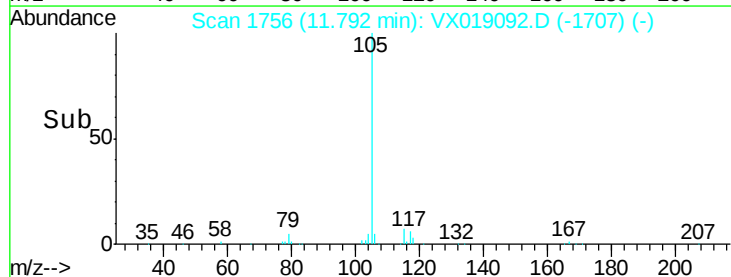
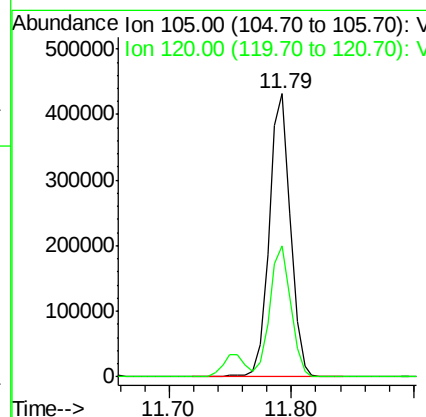
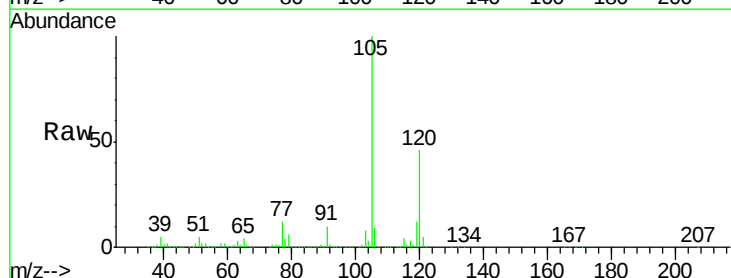
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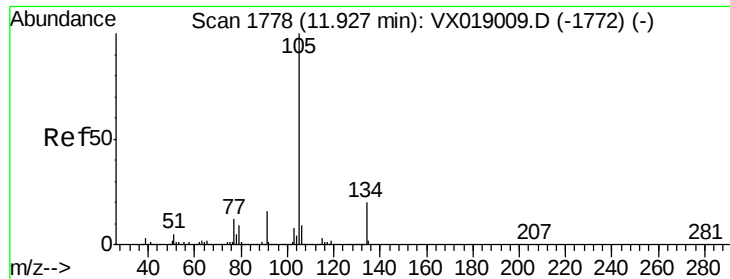
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.170 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519472		
120	45.8		22.9	68.8





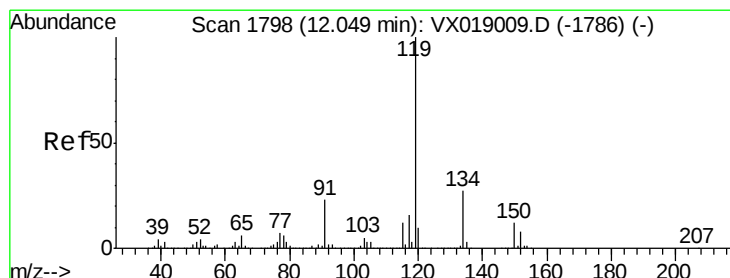
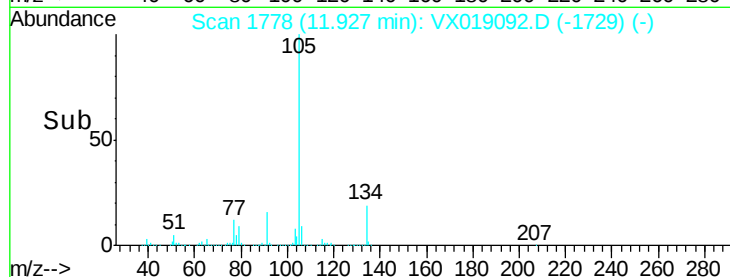
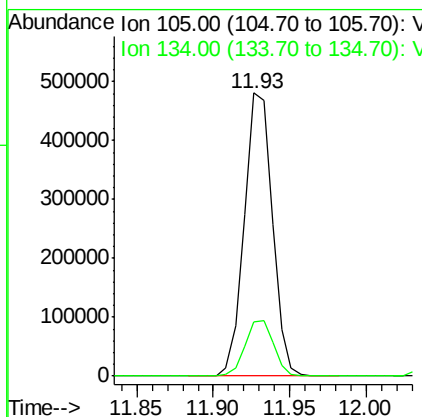
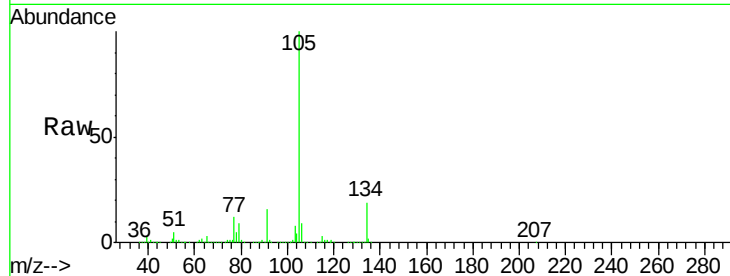
#85
 sec-Butylbenzene
 Concen: 49.743 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.4	31.1

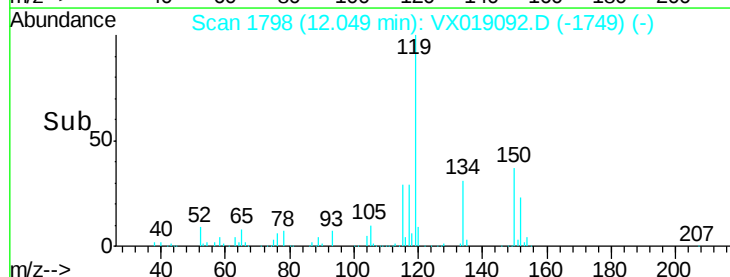
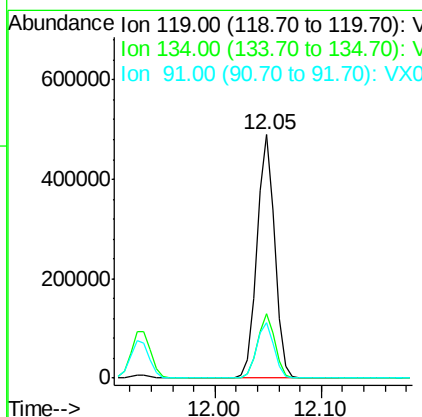
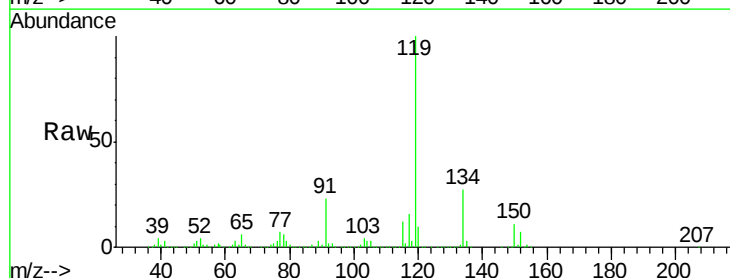
Manual Integrations
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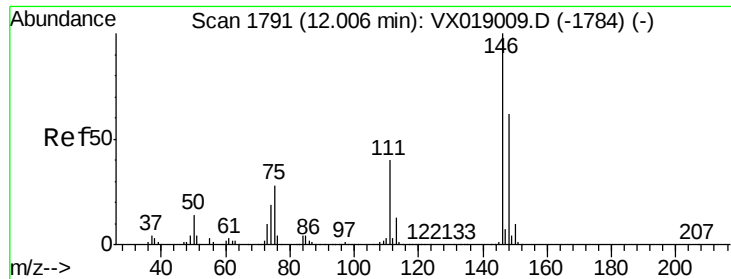
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#86
 p-Isopropyltoluene
 Concen: 50.561 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.3	39.8
91	22.8	11.4	34.2





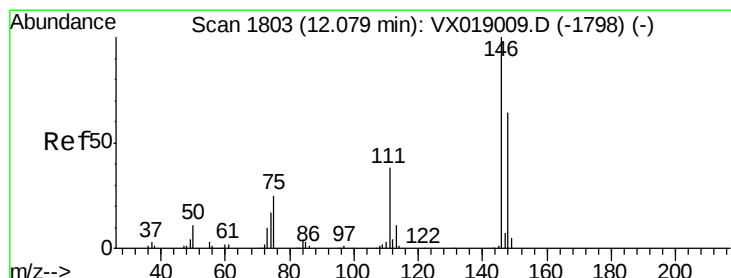
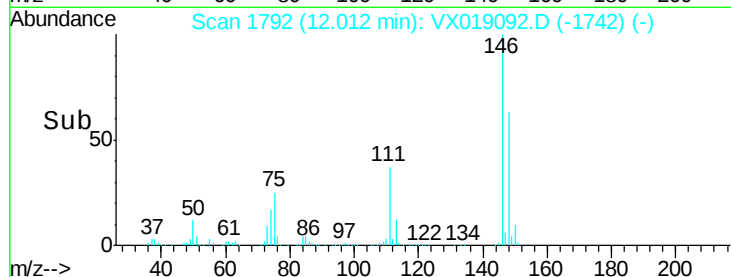
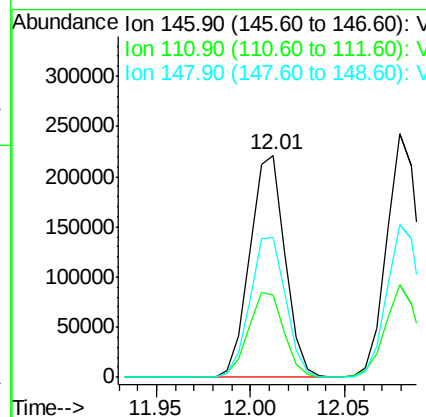
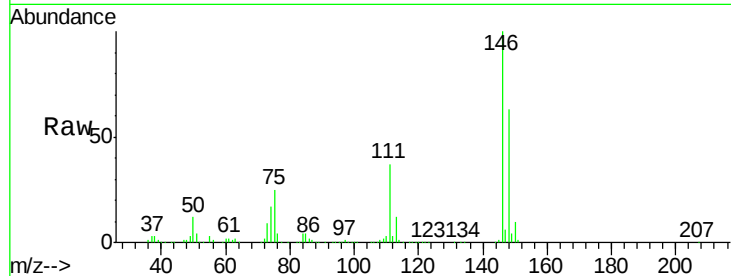
#87
 1,3-Dichlorobenzene
 Concen: 49.388 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.7	59.1
148	64.0	32.0	96.0

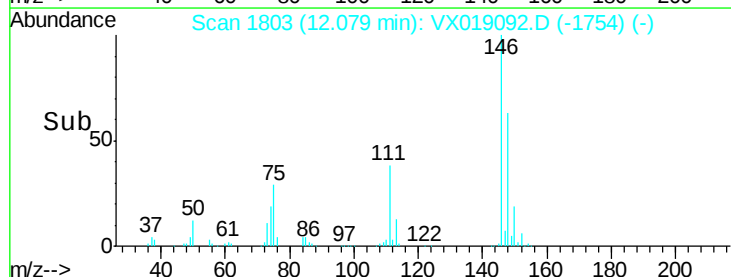
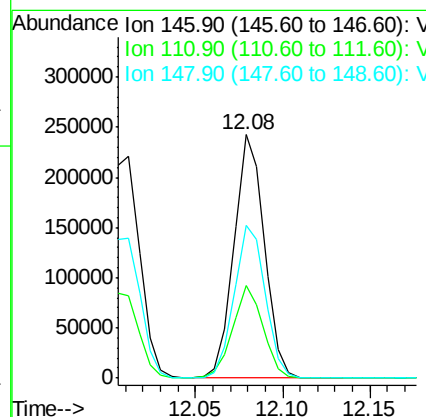
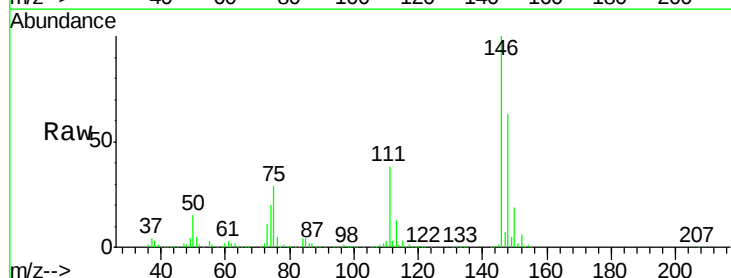
Manual Integrations
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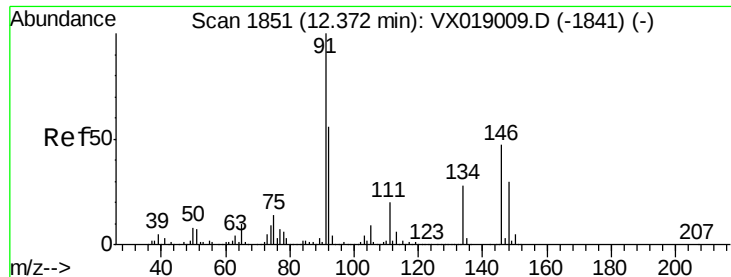
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#88
 1,4-Dichlorobenzene
 Concen: 49.063 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	64.5	32.2	96.6





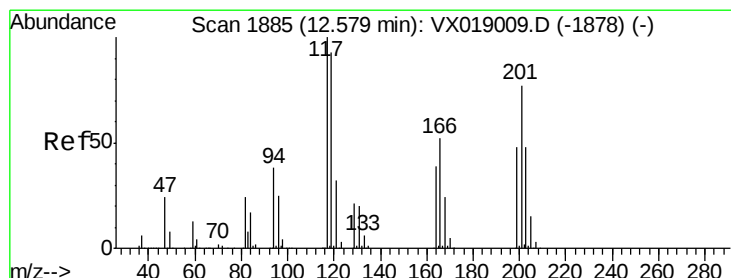
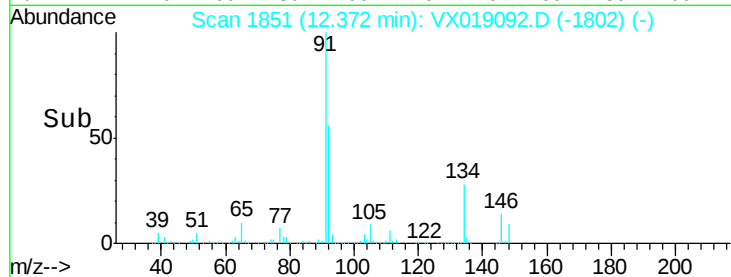
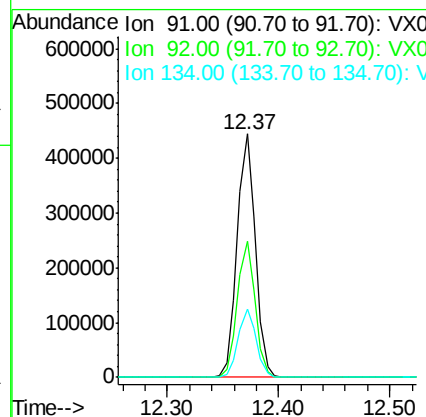
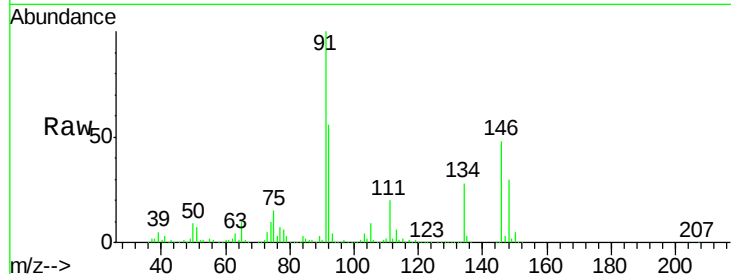
#89
n-Butylbenzene
Concen: 48.957 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.3	81.9
134	27.4	13.6	40.7

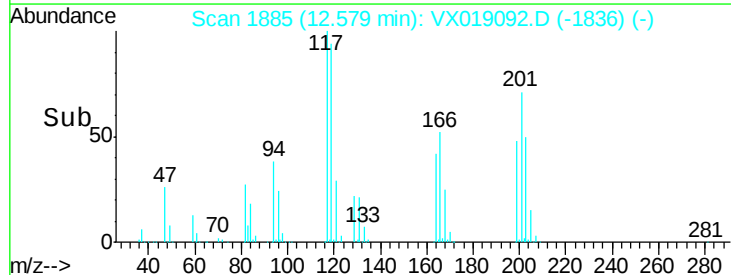
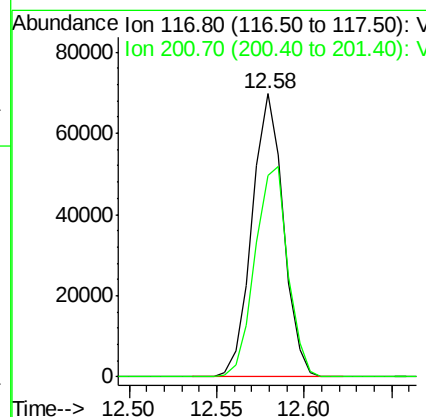
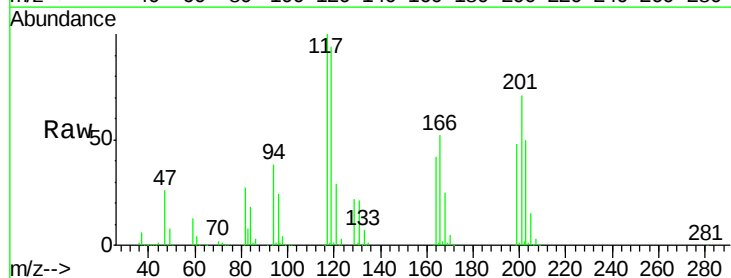
Manual Integrations
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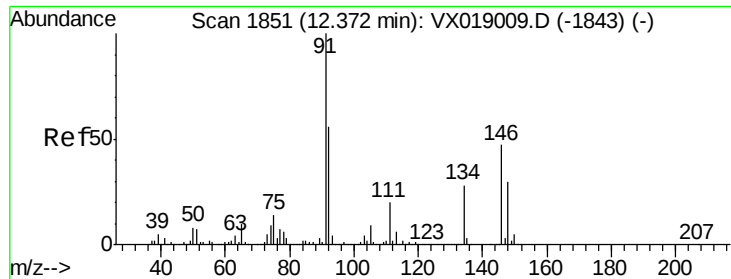
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#90
Hexachloroethane
Concen: 50.504 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.8	37.1	111.3





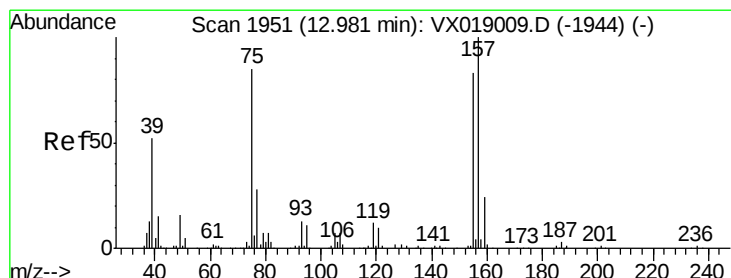
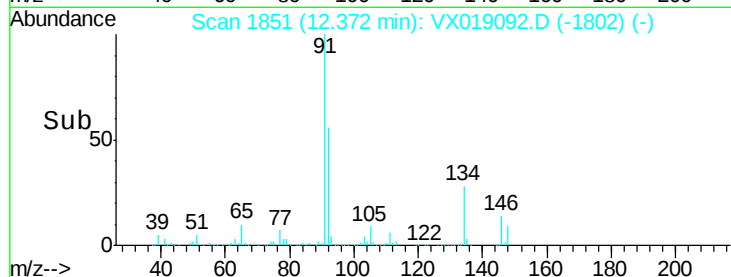
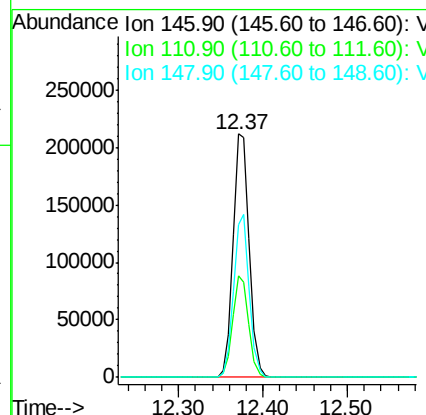
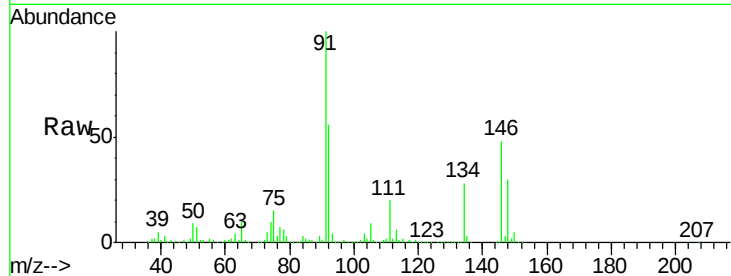
#91
 1,2-Dichlorobenzene
 Concen: 51.511 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	278615		
111	41.0	19.9	59.7	
148	64.3	31.4	94.3	

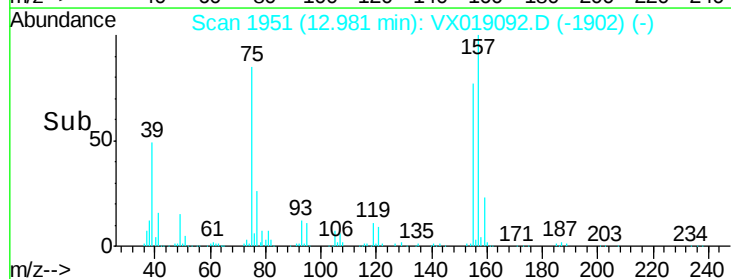
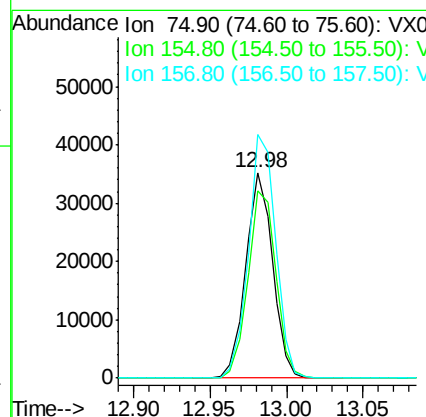
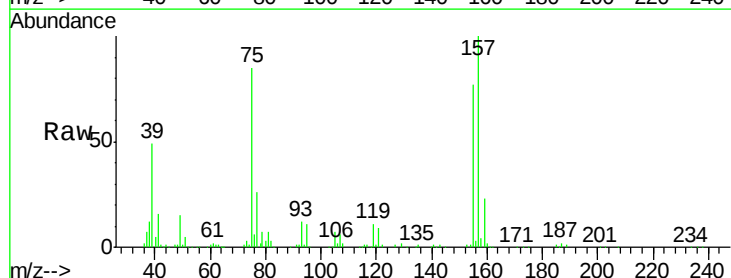
Manual Integrations
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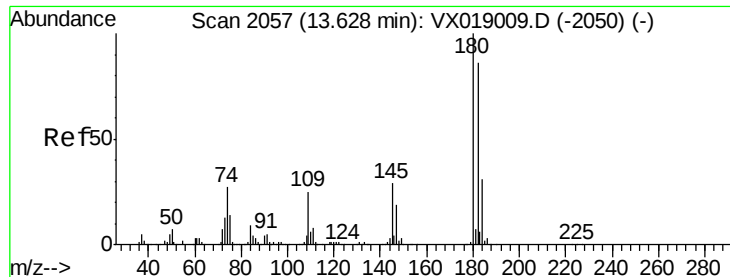
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.994 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42944		
155	94.6	47.3	142.0	
157	120.4	59.7	179.0	





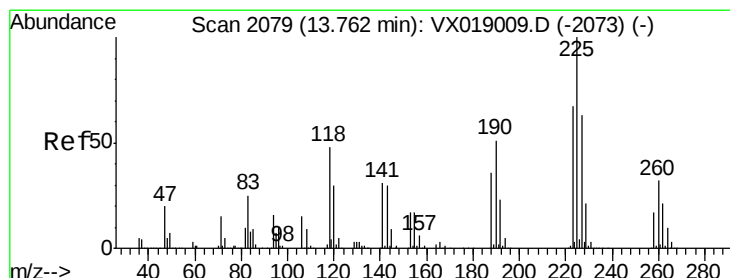
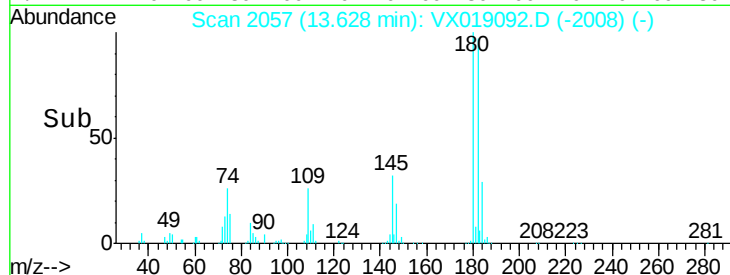
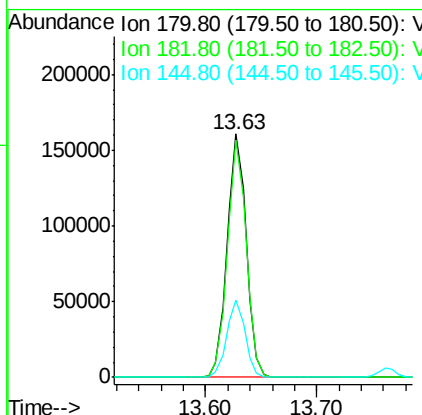
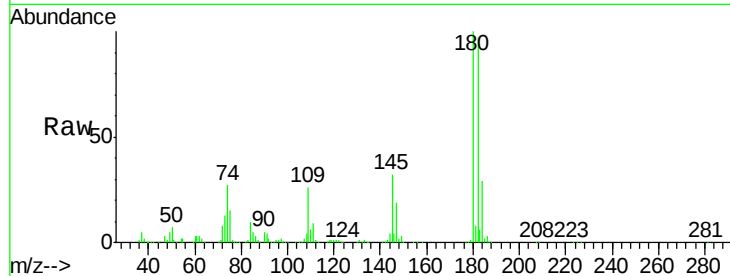
#93
 1,2,4-Trichlorobenzene
 Concen: 48.241 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190895		
182	96.2	46.4	139.2	
145	30.6	15.2	45.6	

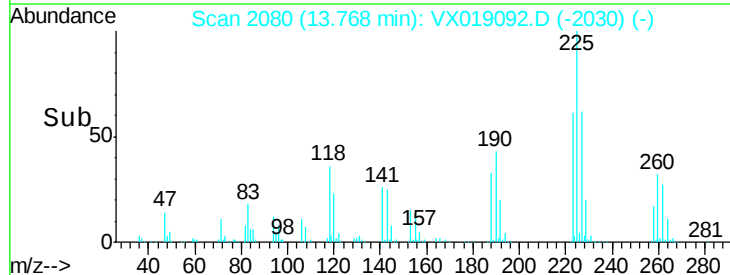
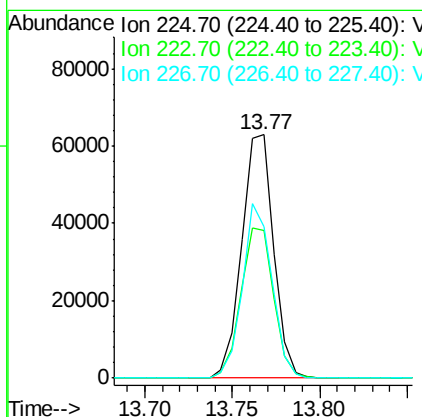
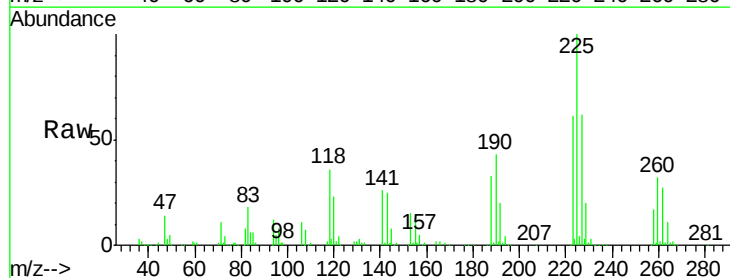
Manual Integrations
 APPROVED

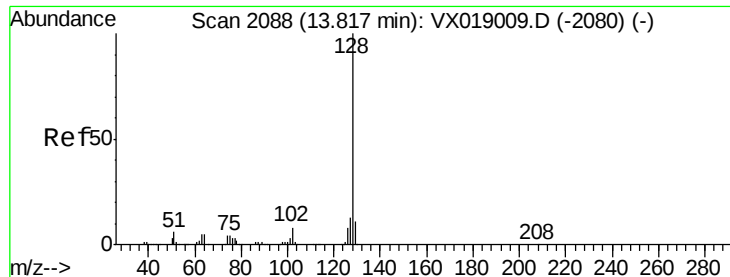
MMDadoda
 10/26/2020 10:02:38 AM



#94
 Hexachlorobutadiene
 Concen: 43.493 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX019092.D
 Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	79790		
223	62.9	32.5	97.4	
227	66.0	31.9	95.7	





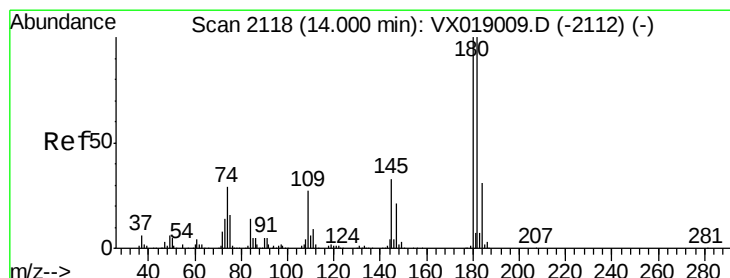
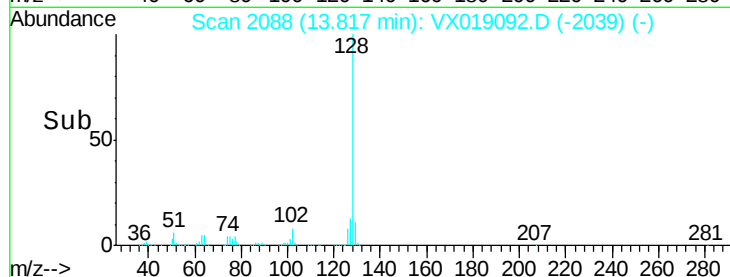
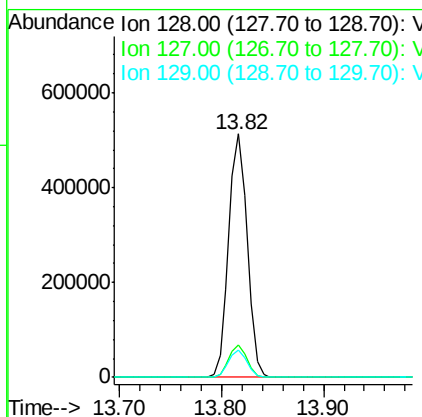
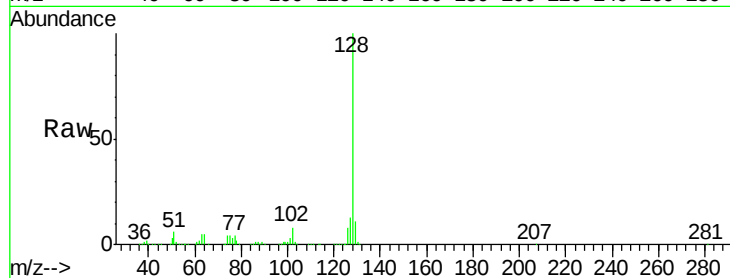
#95
Naphthalene
Concen: 51.776 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	11.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/26/2020 10:02:38 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.297 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019092.D
Acq: 23 Oct 2020 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	142.0
145	31.5	15.9	47.6

