

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018049.D
 Acq On : 21 Aug 2020 10:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 8/24/2020 5:50:48 PM

Quant Time: Aug 21 23:59:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	663221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1044585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	969248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	484383	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	430438	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	5.46	113	347200	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.70	98	1247727	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	
62) 4-Bromofluorobenzene	11.12	95	487260	46.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	417165	51.662	ug/l	98
3) Chloromethane	1.32	50	387921	45.567	ug/l	97
4) Vinyl Chloride	1.39	62	418230	49.352	ug/l	97
5) Bromomethane	1.62	94	220538	53.954	ug/l	97
6) Chloroethane	1.71	64	243751	53.553	ug/l	96
7) Trichlorofluoromethane	1.92	101	607759	52.595	ug/l	98
8) Diethyl Ether	2.17	74	207114	52.851	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	320572	51.314	ug/l	95
10) Methyl Iodide	2.49	142	360301	53.493	ug/l	100
11) Tert butyl alcohol	3.02	59	435203	243.101	ug/l	99
12) 1,1-Dichloroethene	2.36	96	309737	47.789	ug/l	98
13) Acrolein	2.28	56	227677	306.718	ug/l	99
14) Allyl chloride	2.71	41	641263	55.070	ug/l	100
15) Acrylonitrile	3.12	53	994928	245.002	ug/l	100
16) Acetone	2.42	43	814444	227.011	ug/l	95
17) Carbon Disulfide	2.55	76	996396	50.854	ug/l	100
18) Methyl Acetate	2.75	43	435899	50.349	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1178566	53.022	ug/l	99
20) Methylene Chloride	2.84	84	384783	52.512	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	370513	51.598	ug/l	98
22) Diisopropyl ether	3.82	45	1236214	53.789	ug/l	95
23) Vinyl Acetate	3.78	43	5559495	271.855	ug/l	100
24) 1,1-Dichloroethane	3.67	63	685075	52.365	ug/l	99
25) 2-Butanone	4.64	43	1443455	244.810	ug/l	98
26) 2,2-Dichloropropane	4.54	77	640976	60.215	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	420191	50.788	ug/l	99
28) Bromochloromethane	4.98	49	310305	49.138	ug/l	98
29) Tetrahydrofuran	5.09	42	916240	244.108	ug/l	100
30) Chloroform	5.18	83	697371	51.479	ug/l	97
31) Cyclohexane	5.55	56	608408	55.208	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	640013	51.483	ug/l	99
36) 1,1-Dichloropropene	5.77	75	534073	55.432	ug/l	99
37) Ethyl Acetate	4.79	43	560064	50.050	ug/l	99
38) Carbon Tetrachloride	5.76	117	580223	53.438	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	593018	56.289	ug/l	98
40) Benzene	6.11	78	1521290	53.736	ug/l	100
41) Methacrylonitrile	5.00	41	311662	50.725	ug/l	100
42) 1,2-Dichloroethane	6.16	62	571918	52.727	ug/l	98
43) Isopropyl Acetate	6.41	43	933783	51.664	ug/l	100
44) Trichloroethene	7.19	130	429649	53.710	ug/l	93
45) 1,2-Dichloropropane	7.49	63	405514	53.146	ug/l	97
46) Dibromomethane	7.63	93	268523	50.045	ug/l	99
47) Bromodichloromethane	7.87	83	563389	52.586	ug/l	98
48) Methyl methacrylate	7.74	41	453657	50.421	ug/l	99
49) 1,4-Dioxane	7.71	88	179927	1103.977	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2671607	239.294	ug/l	100
52) Toluene	8.76	92	928932	51.746	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	623710	52.528	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	654285	52.017	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	379211	49.530	ug/l	98
56) Ethyl methacrylate	9.16	69	597556	52.501	ug/l	99
57) 1,3-Dichloropropane	9.35	76	631799	50.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1315102	256.853	ug/l	100
59) 2-Hexanone	9.47	43	2072053	244.077	ug/l	99
60) Dibromochloromethane	9.57	129	456770	50.857	ug/l	99
61) 1,2-Dibromoethane	9.65	107	404265	48.636	ug/l	100
64) Tetrachloroethene	9.32	164	380528	53.425	ug/l	97
65) Chlorobenzene	10.12	112	1036052	53.521	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	401605	52.637	ug/l	99
67) Ethyl Benzene	10.23	91	1806449	54.874	ug/l	100
68) m/p-Xylenes	10.34	106	1384394	112.668	ug/l	99
69) o-Xylene	10.68	106	648577	54.451	ug/l	99
70) Styrene	10.70	104	1118793	55.155	ug/l	99
71) Bromoform	10.84	173	340497	52.321	ug/l	96
73) Isopropylbenzene	11.00	105	1814490	56.791	ug/l	99
74) N-amyl acetate	10.88	43	827189	54.566	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	540570	47.961	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	547878m	50.846	ug/l	
77) Bromobenzene	11.24	156	458755	51.944	ug/l	99
78) n-propylbenzene	11.34	91	2091652	57.656	ug/l	99
79) 2-Chlorotoluene	11.40	91	1220862	54.470	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1473777	56.132	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	211458	53.002	ug/l	98
82) 4-Chlorotoluene	11.49	91	1417704	53.207	ug/l	100
83) tert-Butylbenzene	11.76	119	1421302	54.854	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1499535	55.863	ug/l	100
85) sec-Butylbenzene	11.93	105	1644352	55.806	ug/l	99
86) p-Isopropyltoluene	12.05	119	1556009	57.490	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	830408	53.554	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	818104	52.694	ug/l	98
89) n-Butylbenzene	12.37	91	1345998	54.486	ug/l	99
90) Hexachloroethane	12.58	117	287141	53.922	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	766191	52.493	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	129581	45.980	ug/l	97

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VSTDCCC050

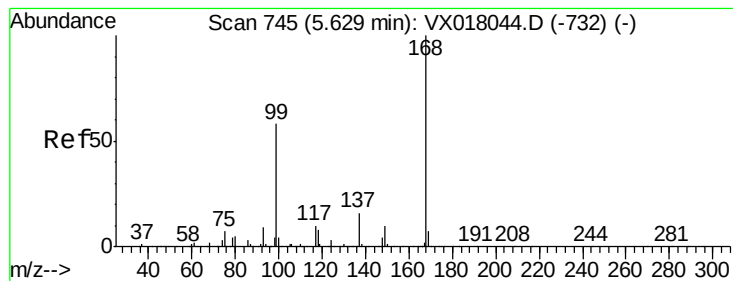
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	531436	54.601	ug/l	99
94) Hexachlorobutadiene	13.77	225	204317	53.220	ug/l	96
95) Naphthalene	13.82	128	1726599	53.902	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	525188	54.609	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 663221

Ion Ratio Lower Upper

168 100

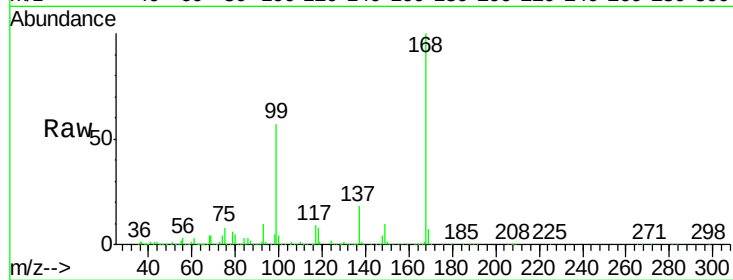
99 56.8 46.3 69.5

Manual Integrations

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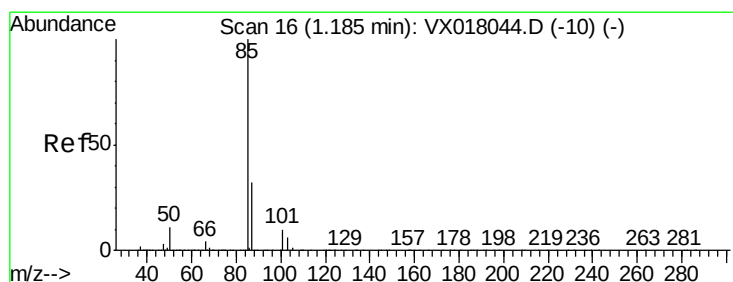
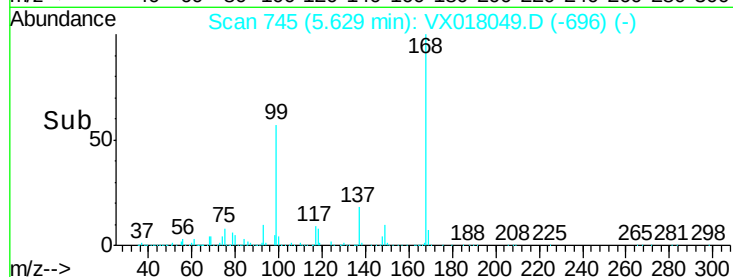
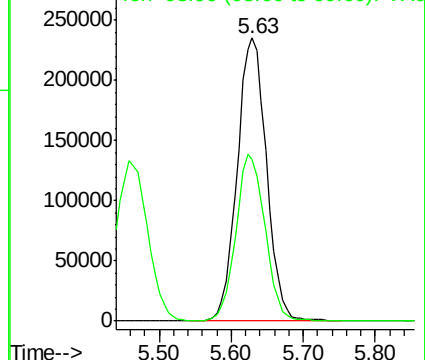
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.662 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018049.D

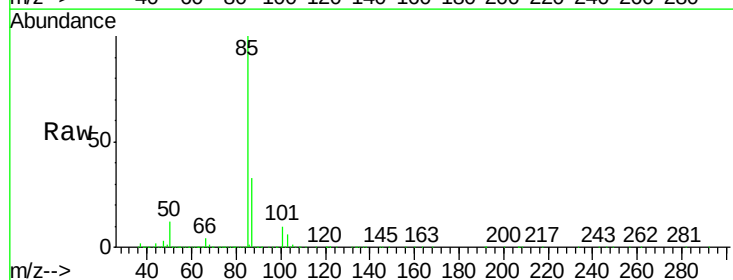
Acq: 21 Aug 2020 10:30

Tgt Ion: 85 Resp: 417165

Ion Ratio Lower Upper

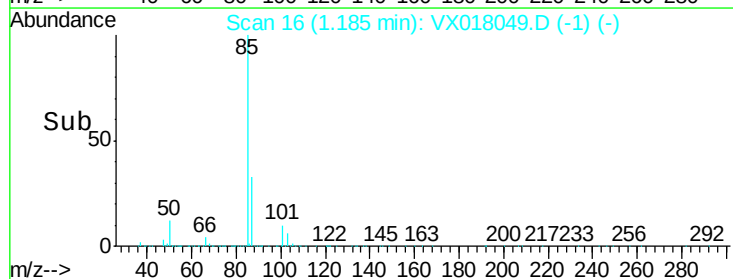
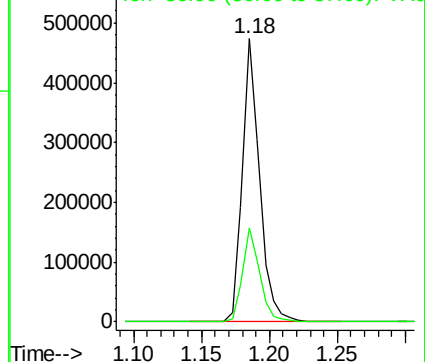
85 100

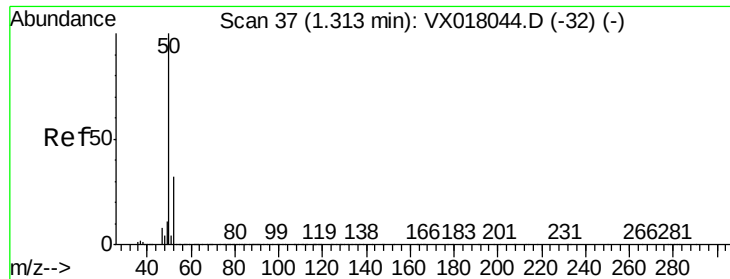
87 33.2 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.567 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 387921

Ion Ratio Lower Upper

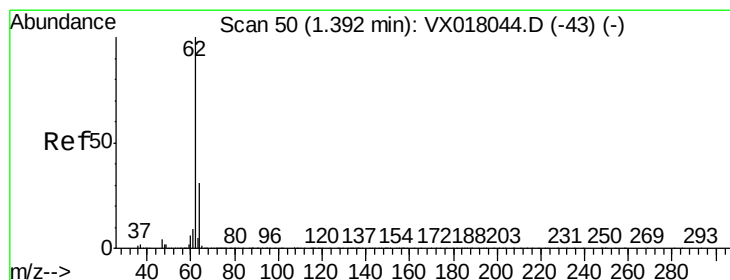
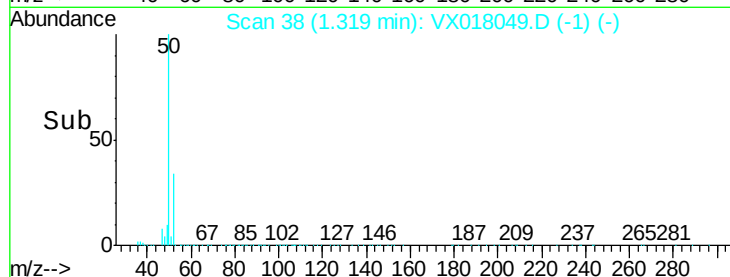
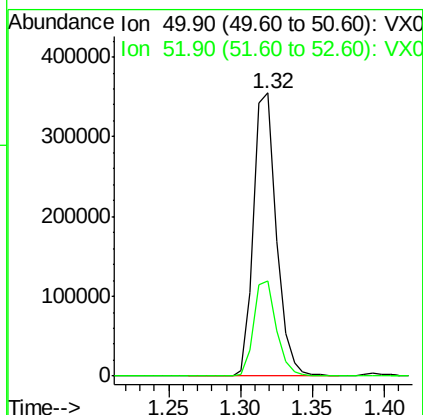
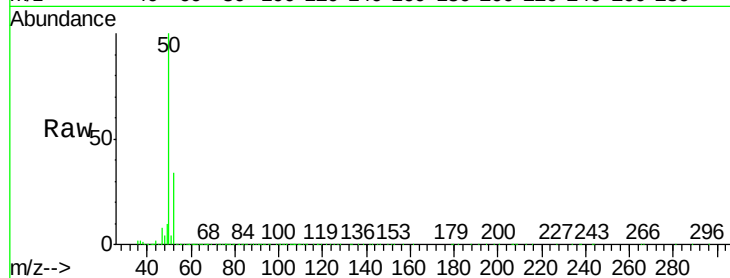
50 100

52 33.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 49.352 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018049.D

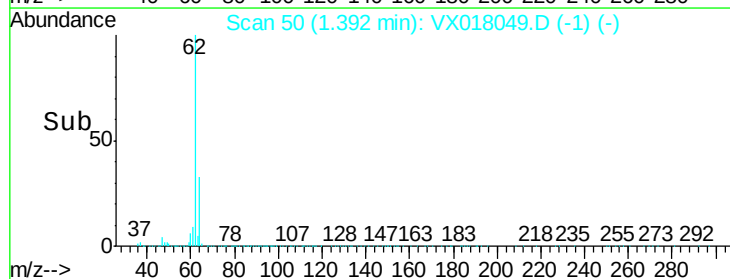
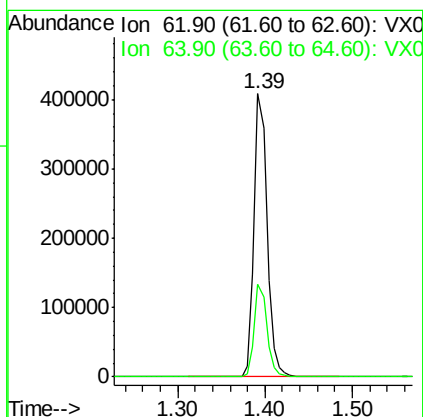
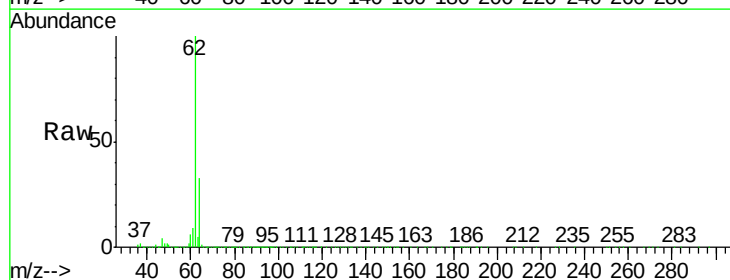
Acq: 21 Aug 2020 10:30

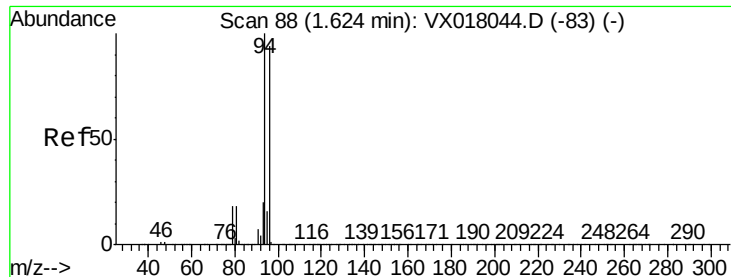
Tgt Ion: 62 Resp: 418230

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 53.954 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 220538

Ion Ratio Lower Upper

94 100

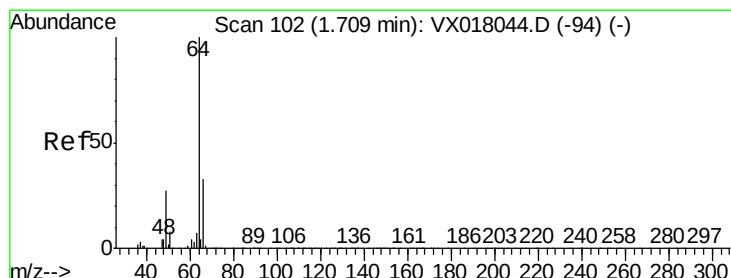
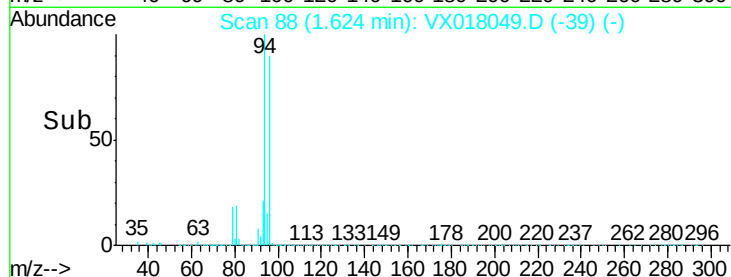
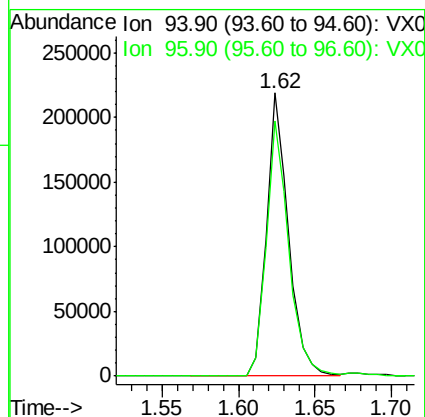
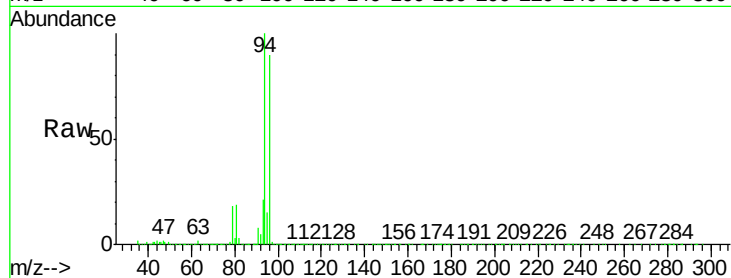
96 90.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 53.553 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018049.D

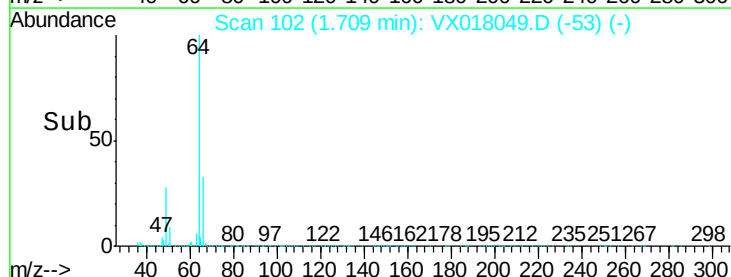
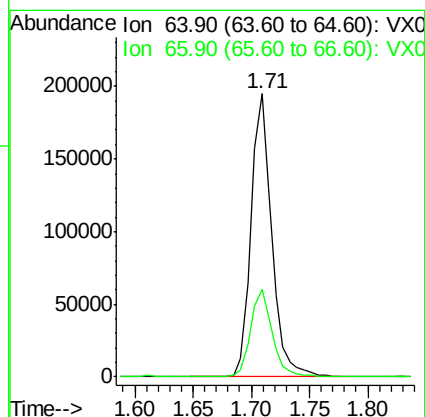
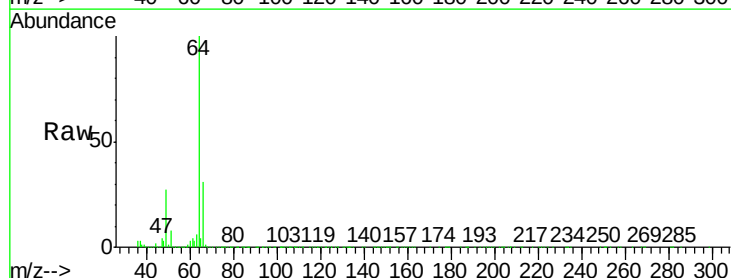
Acq: 21 Aug 2020 10:30

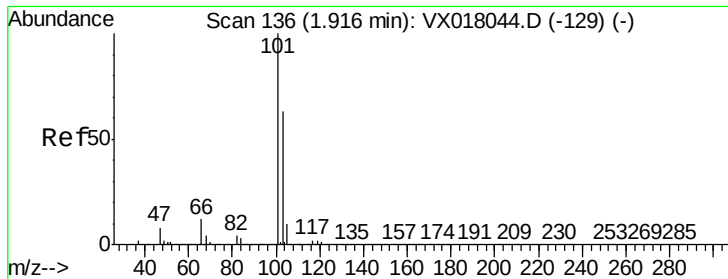
Tgt Ion: 64 Resp: 243751

Ion Ratio Lower Upper

64 100

66 30.8 26.6 39.8





#7

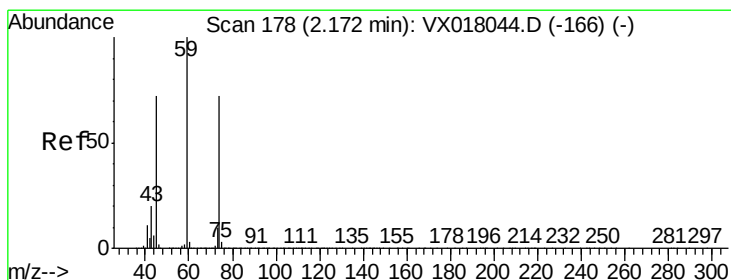
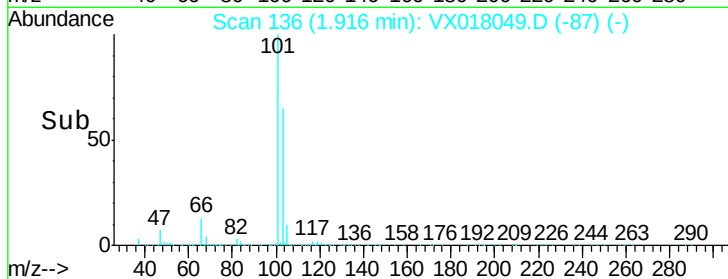
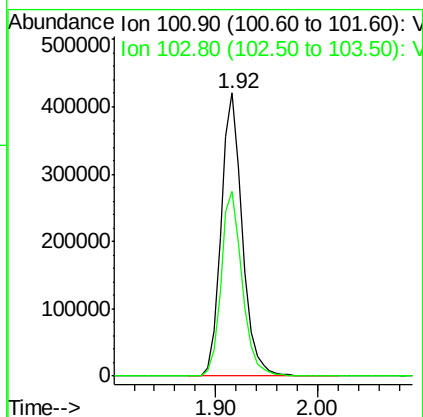
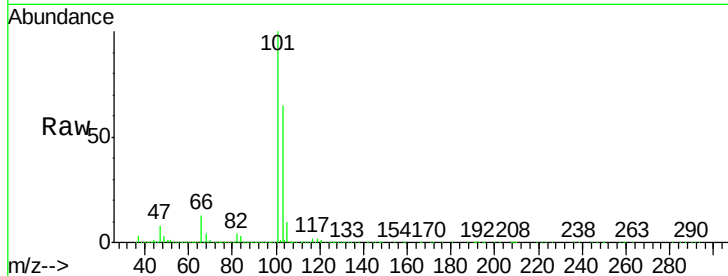
Trichlorofluoromethane
Concen: 52.595 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.7	76.1

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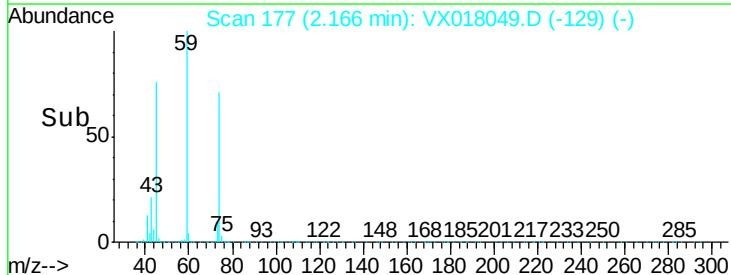
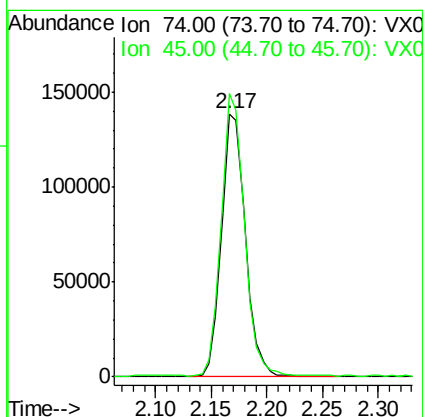
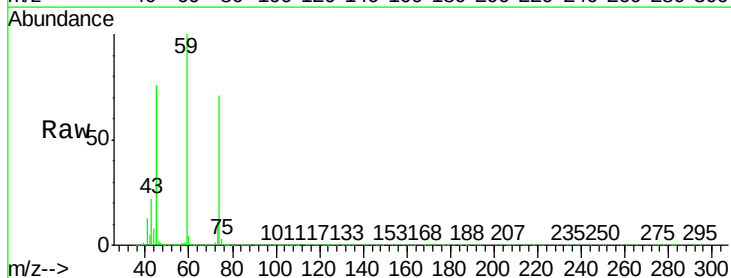
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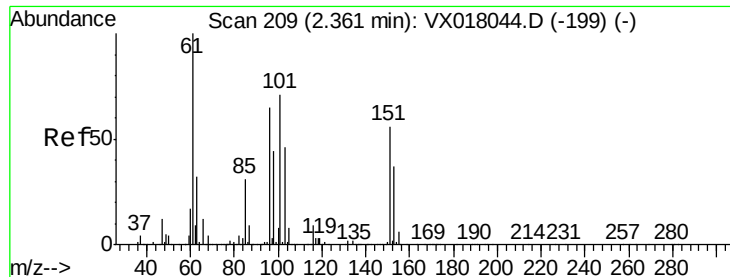


#8

Diethyl Ether
Concen: 52.851 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.5	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.314 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

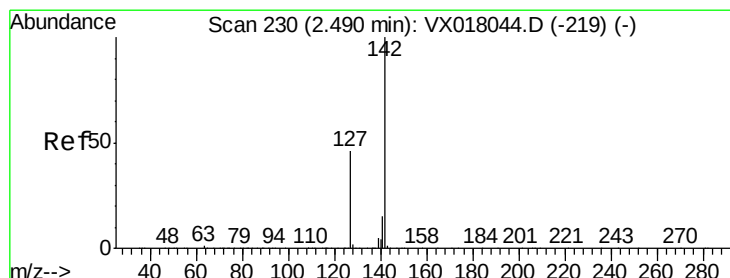
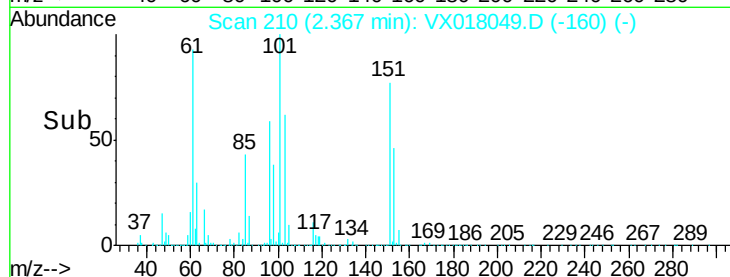
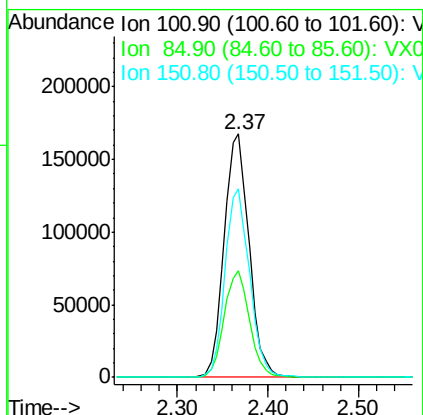
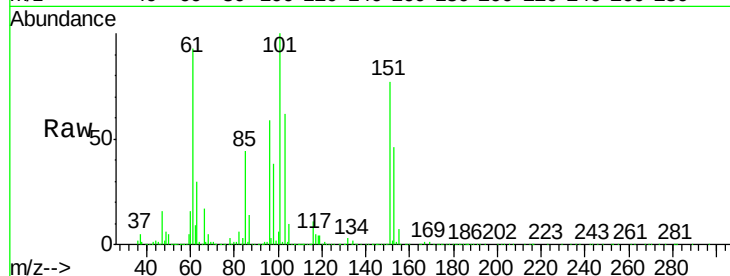
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	320572
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.0	51.0
151	76.2	65.2	97.8

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sam
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#10

Methyl Iodide

Concen: 53.493 ug/l

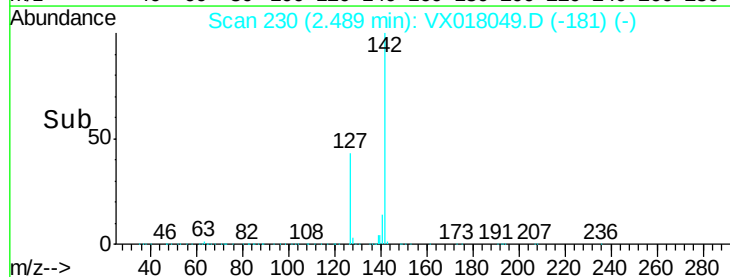
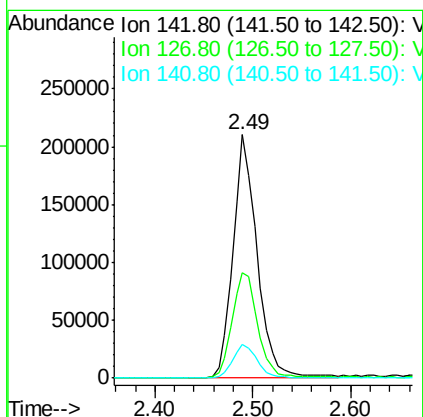
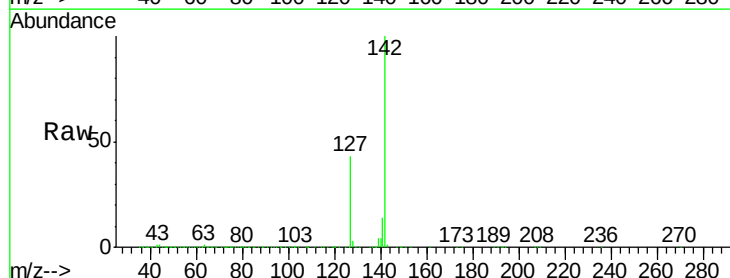
RT: 2.49 min Scan# 230

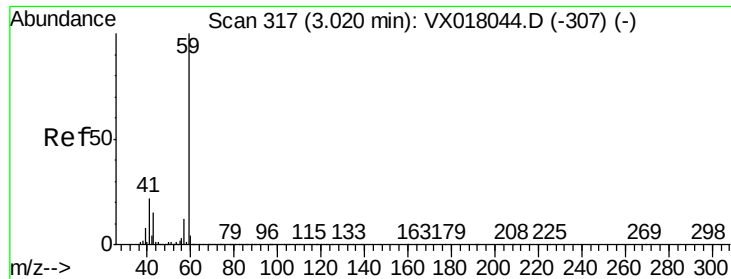
Delta R.T. 0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	142	Resp:	360301
Ion Ratio	Lower	Upper	
142	100		
127	46.3	37.0	55.6
141	14.1	11.5	17.3





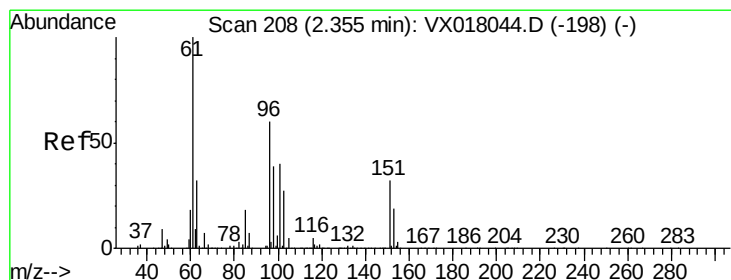
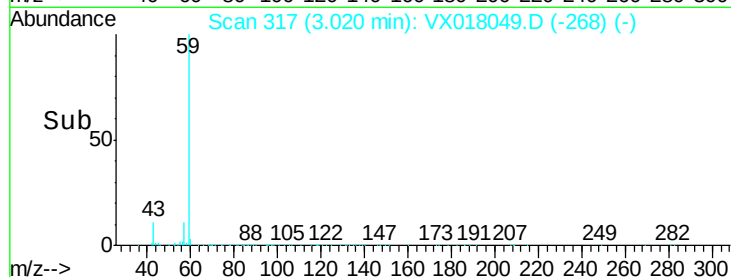
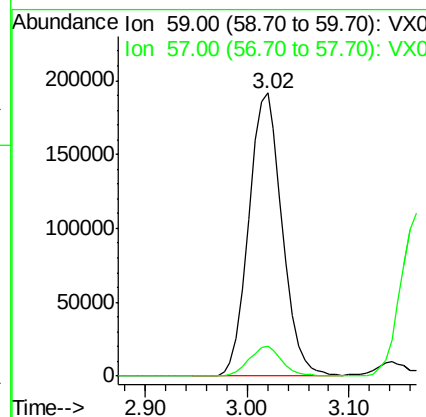
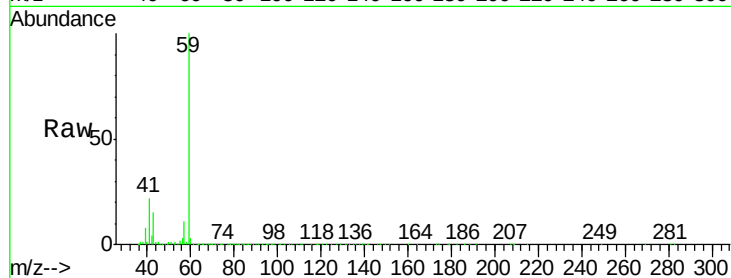
#11
Tert butyl alcohol
Concen: 243.101 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 435203
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

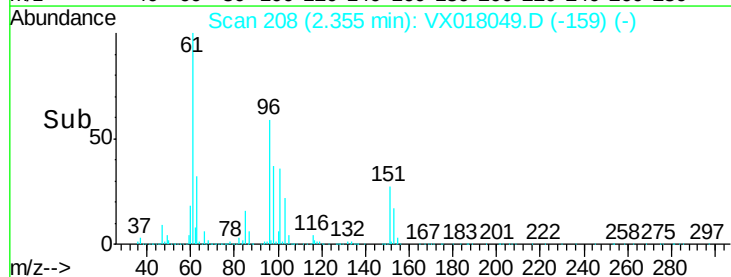
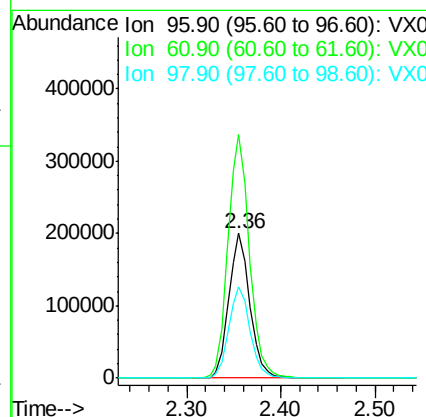
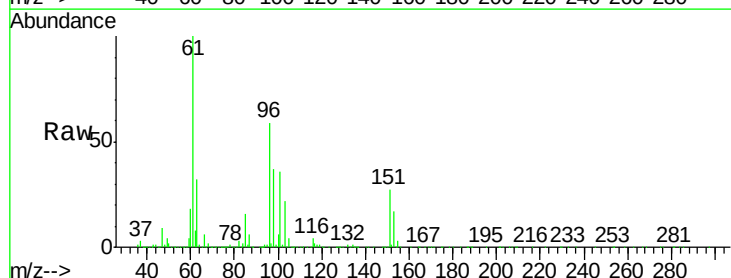
Manual Integrations
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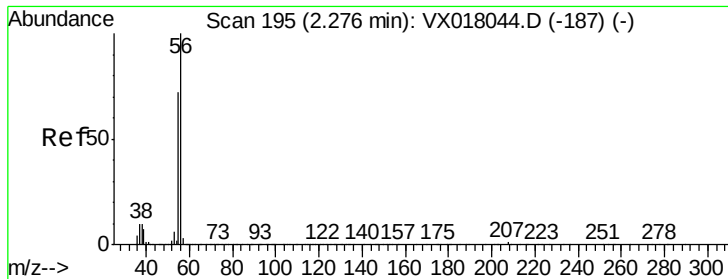
sam
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#12
1,1-Dichloroethene
Concen: 47.789 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 96 Resp: 309737
Ion Ratio Lower Upper
96 100
61 168.4 133.0 199.4
98 62.7 51.6 77.4





#13

Acrolein

Concen: 306.718 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 227677

Ion Ratio Lower Upper

56 100

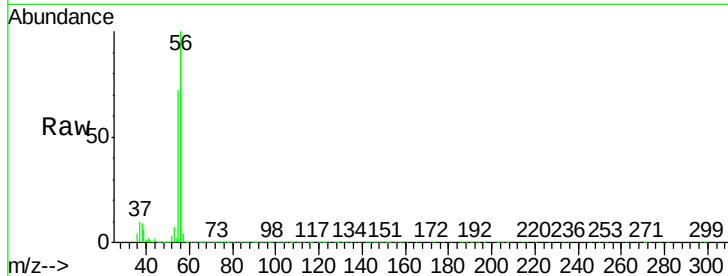
55 72.2 57.0 85.6

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

150000

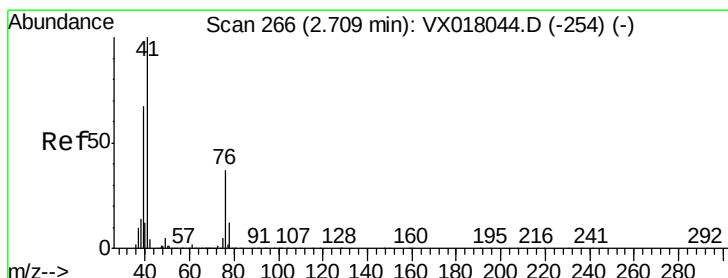
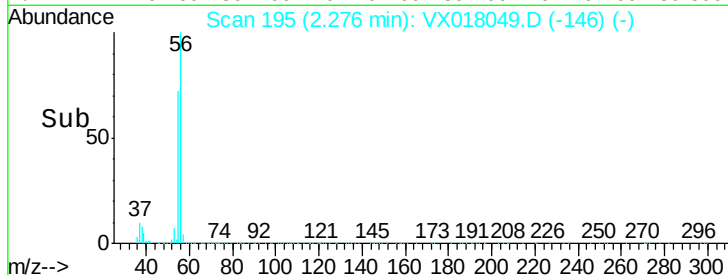
100000

50000

0

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 55.070 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

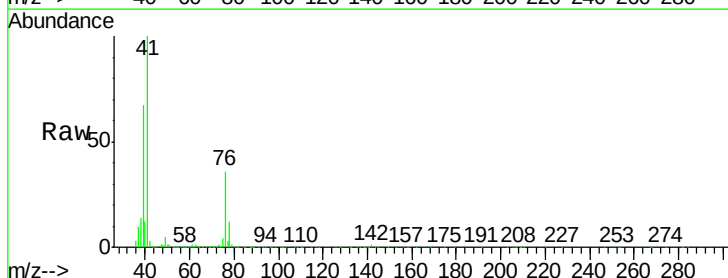
Tgt Ion: 41 Resp: 641263

Ion Ratio Lower Upper

41 100

39 63.4 50.6 76.0

76 32.1 26.2 39.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

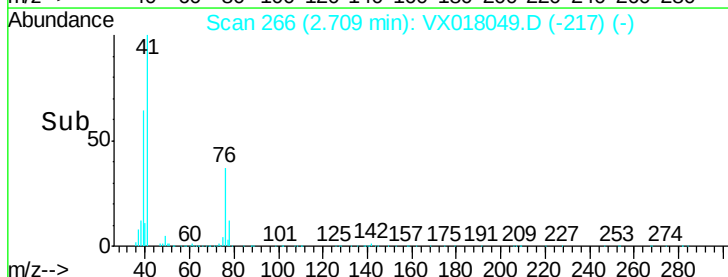
200000

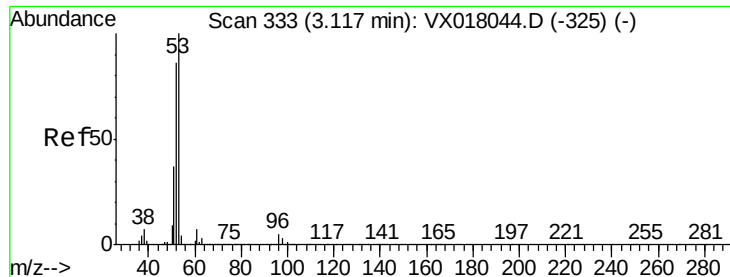
100000

0

2.60 2.70 2.80

Time-->





#15

Acrylonitrile

Concen: 245.002 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

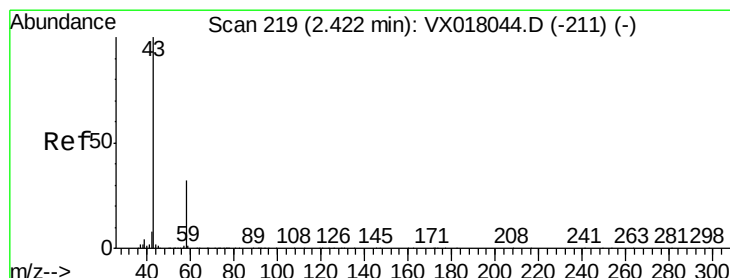
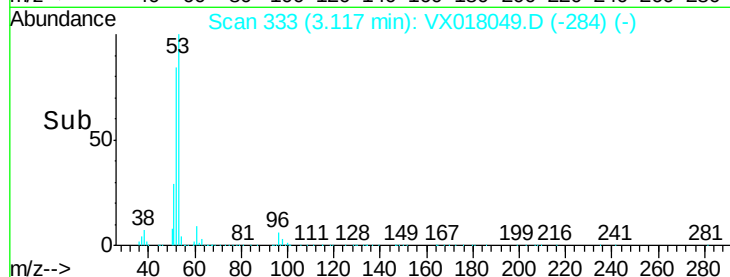
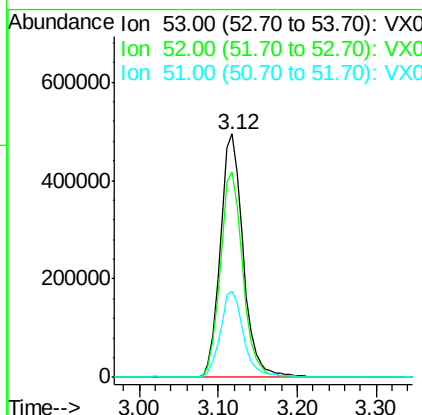
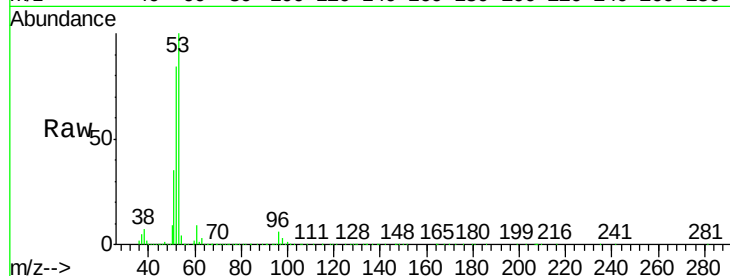
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	994928
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.9	100.3
51	35.9	28.7	43.1

Manual Integrations
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sam
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#16

Acetone

Concen: 227.011 ug/l

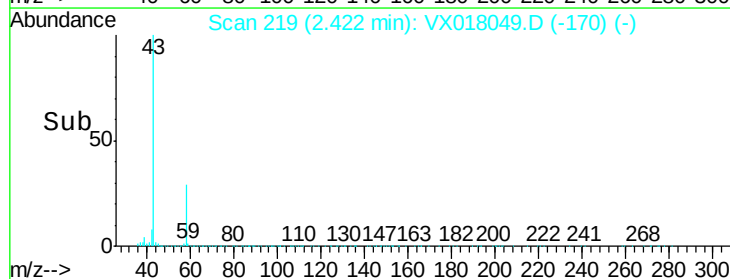
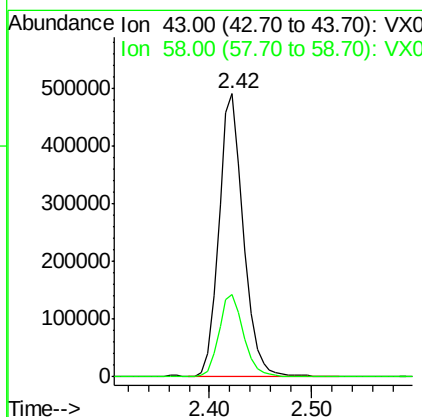
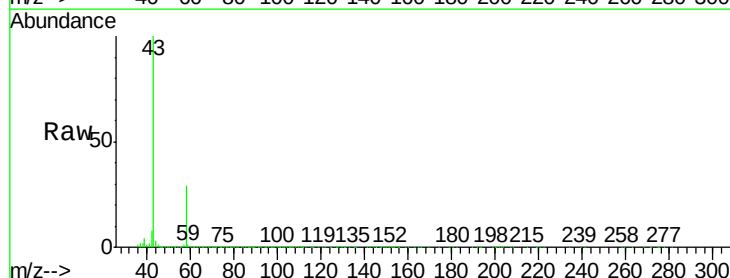
RT: 2.42 min Scan# 219

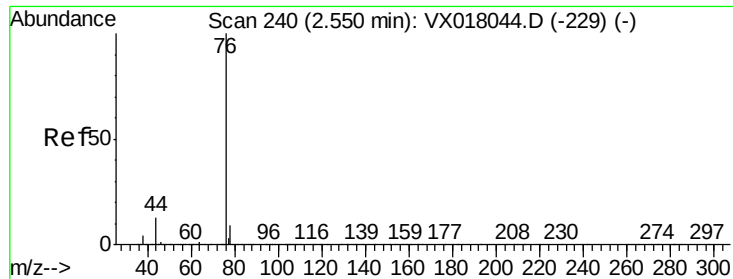
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	43	Resp:	814444
Ion	Ratio	Lower	Upper
43	100		
58	29.2	25.5	38.3





#17

Carbon Disulfide

Concen: 50.854 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 996396

Ion Ratio Lower Upper

76 100

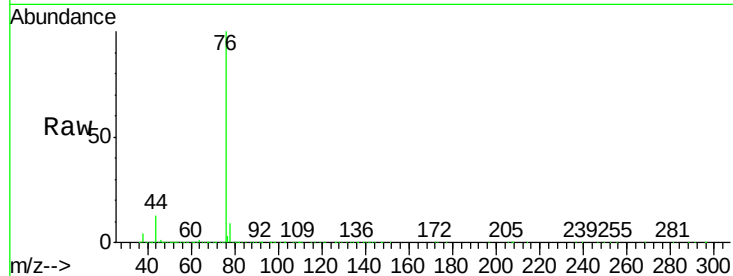
78 9.3 7.4 11.0

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

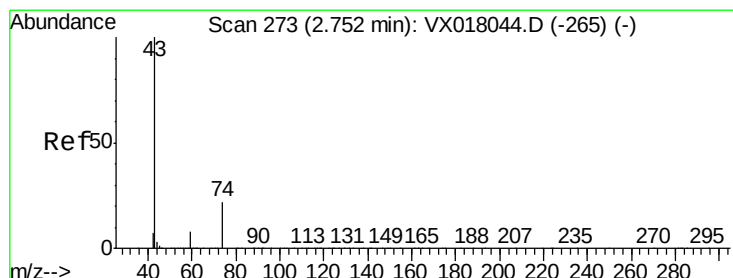
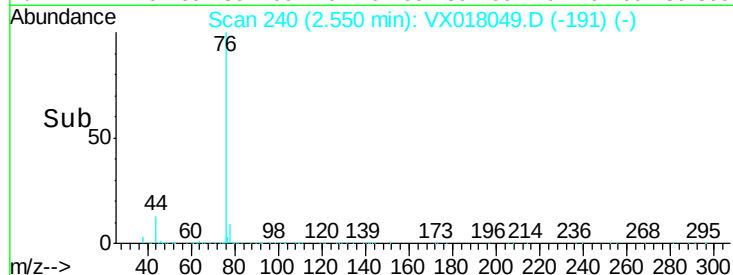
600000

400000

200000

0

Time-->



#18

Methyl Acetate

Concen: 50.349 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018049.D

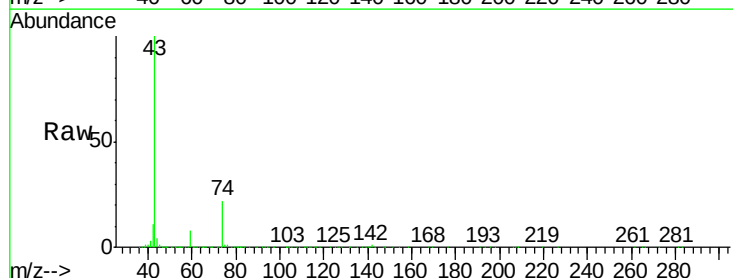
Acq: 21 Aug 2020 10:30

Tgt Ion: 43 Resp: 435899

Ion Ratio Lower Upper

43 100

74 22.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

250000

200000

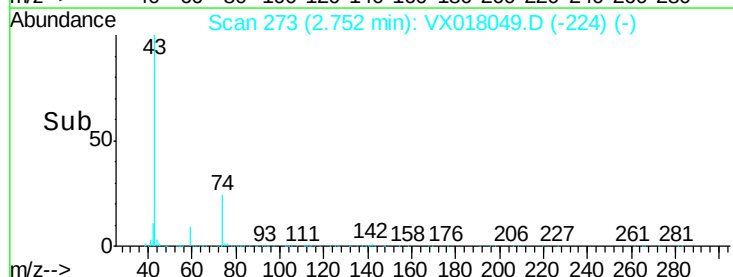
150000

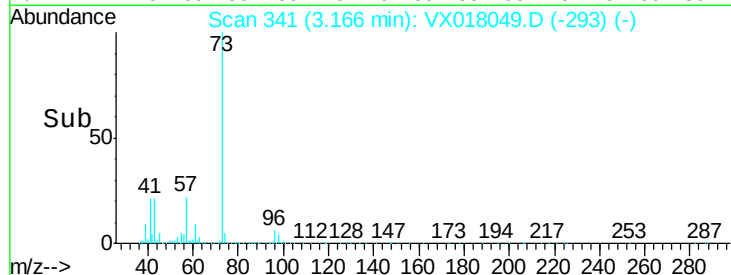
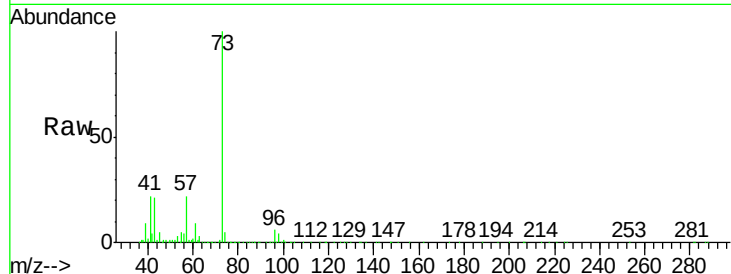
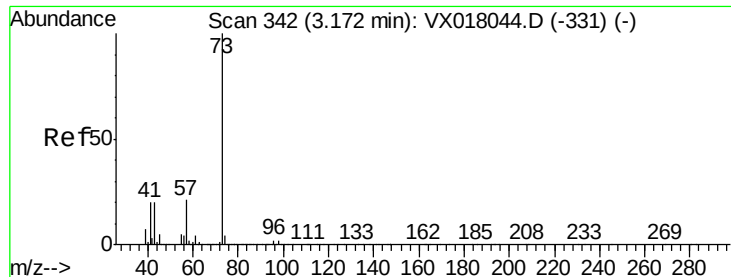
100000

50000

0

Time-->





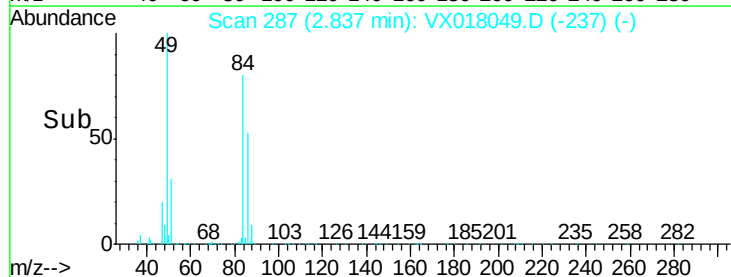
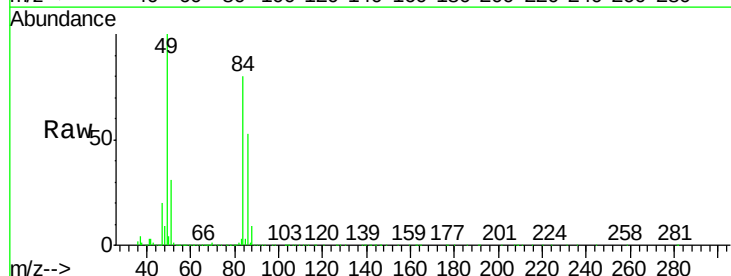
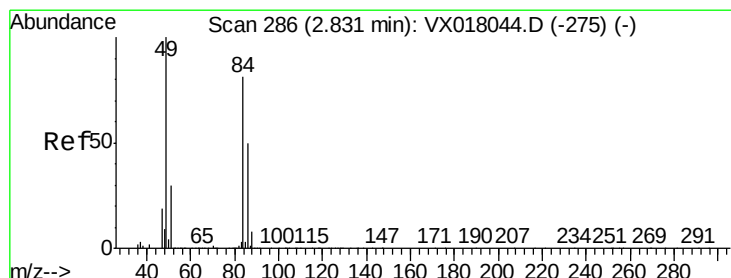
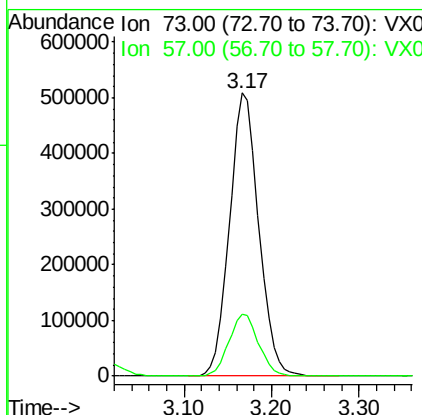
#19
Methyl tert-butyl Ether
Concen: 53.022 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tot Ion: 73 Resp: 1178566
Ion Ratio Lower Upper
73 100
57 21.7 16.8 25.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

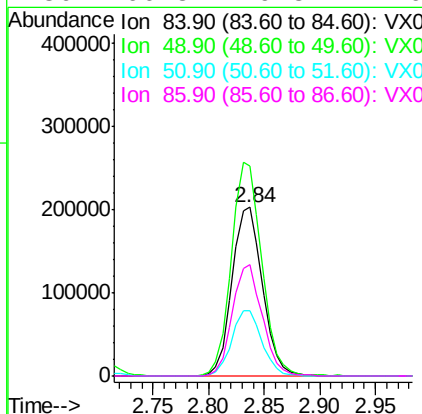
Manual Integrations
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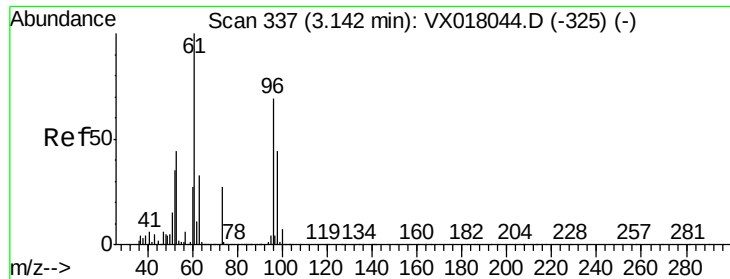
sam
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#20
Methylene Chloride
Concen: 52.512 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 84 Resp: 384783
Ion Ratio Lower Upper
84 100
49 124.2 98.6 148.0
51 38.5 29.6 44.4
86 66.3 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 51.598 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

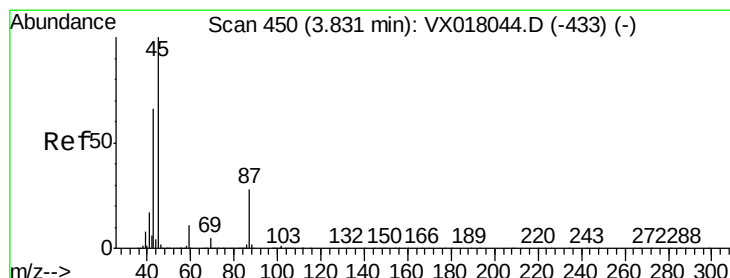
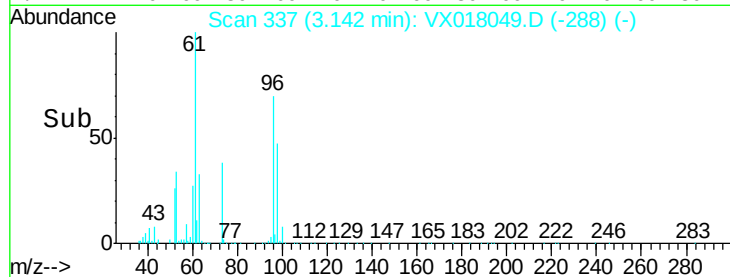
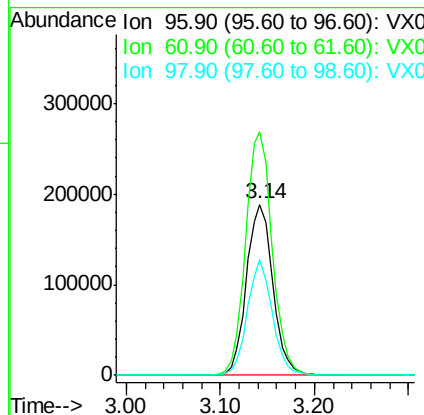
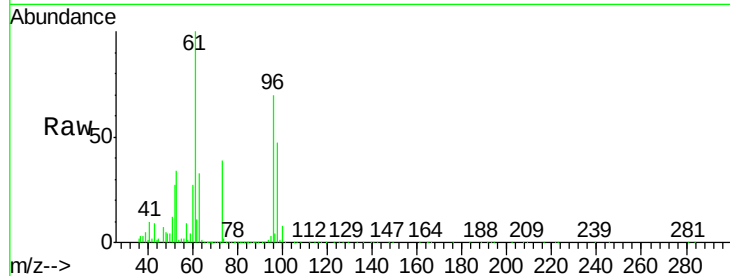
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	370513
Ion	Ratio	Lower	Upper
96	100		
61	142.5	115.4	173.0
98	67.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 53.789 ug/l

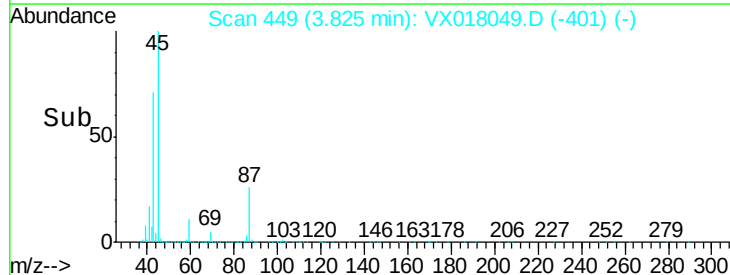
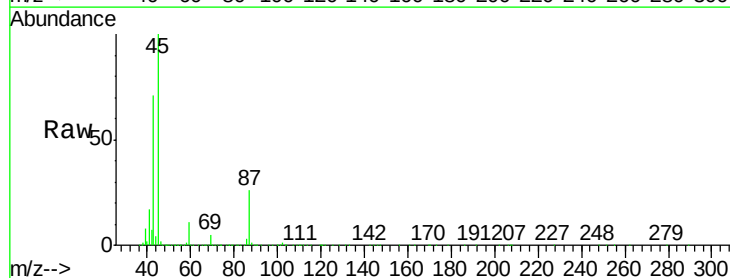
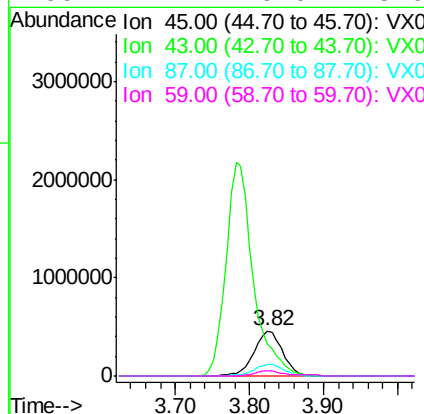
RT: 3.82 min Scan# 449

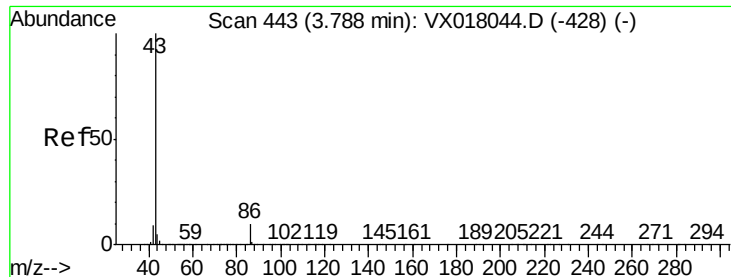
Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	45	Resp:	1236214
Ion	Ratio	Lower	Upper
45	100		
43	71.4	52.8	79.2
87	26.0	22.5	33.7
59	11.2	9.0	13.6





#23

Vinyl Acetate

Concen: 271.855 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5559495

Ion Ratio Lower Upper

43 100

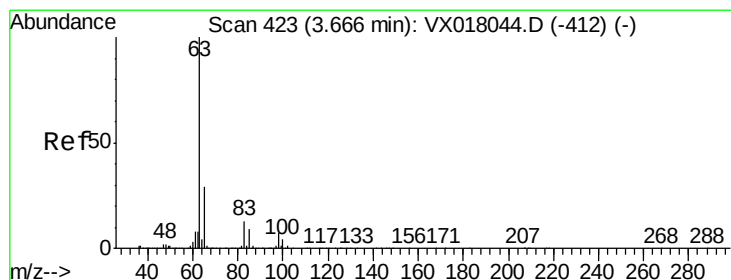
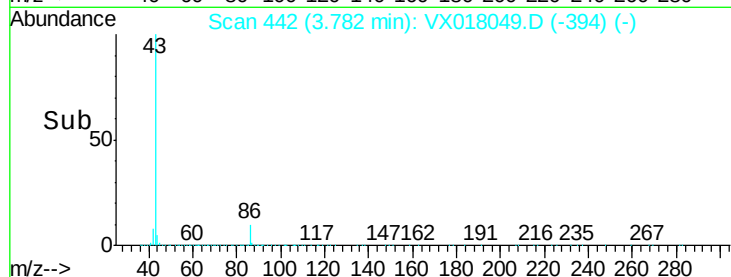
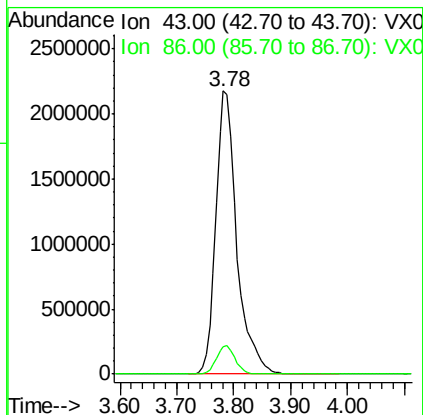
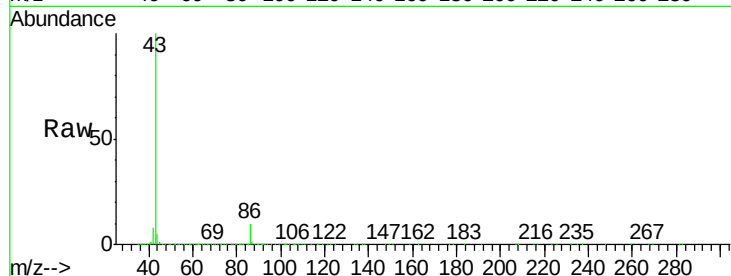
86 9.7 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.365 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

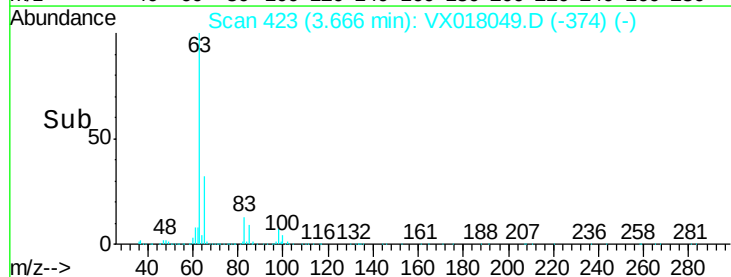
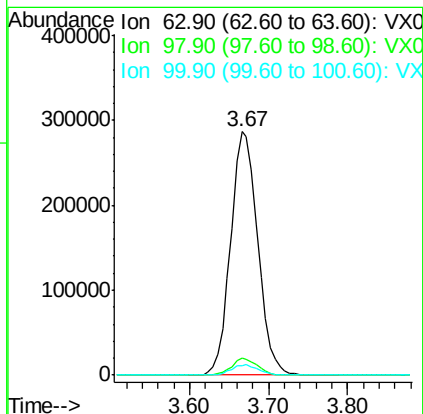
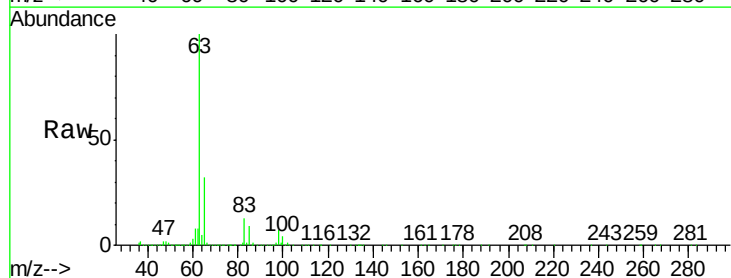
Tgt Ion: 63 Resp: 685075

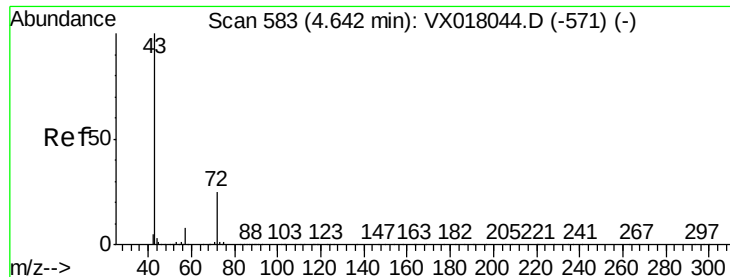
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 244.810 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tot Ion: 43 Resp: 1443455

Ion Ratio Lower Upper

43 100

72 25.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

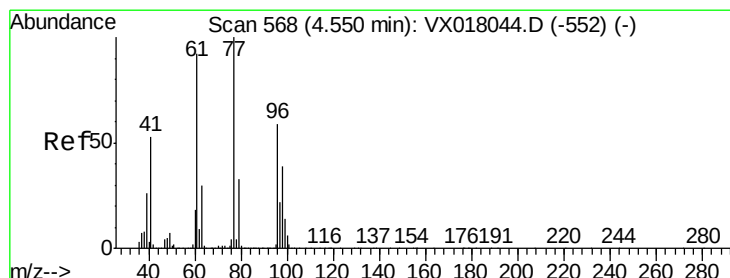
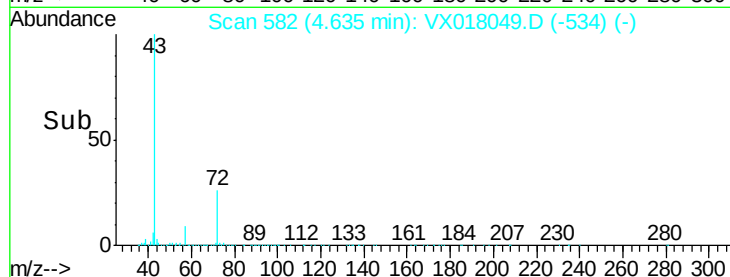
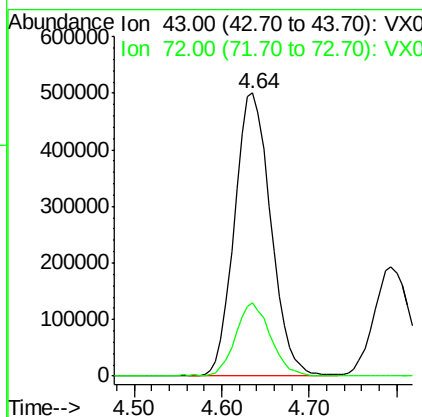
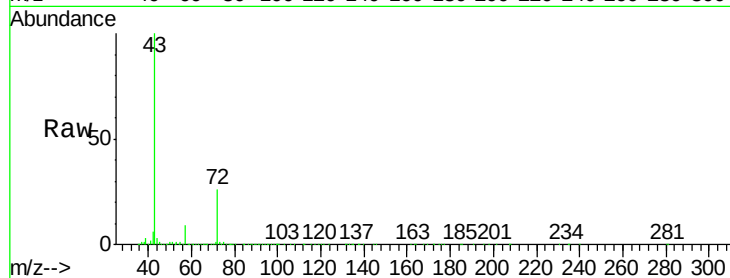
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 60.215 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018049.D

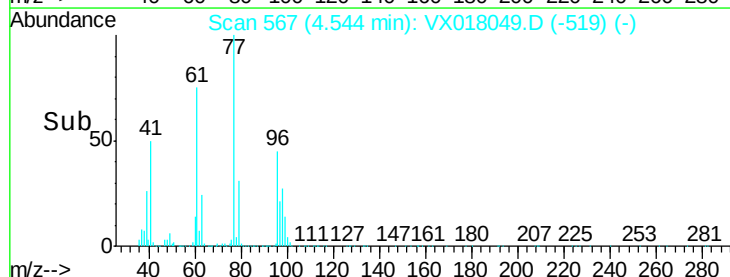
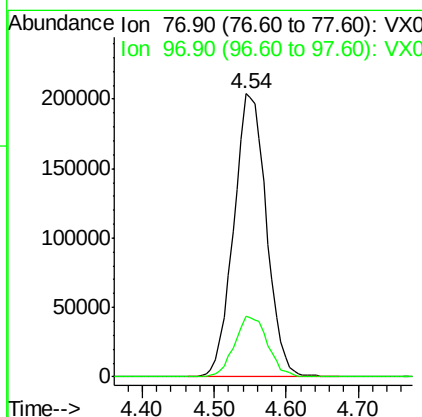
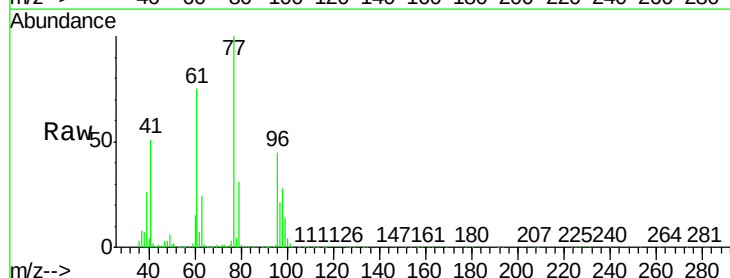
Acq: 21 Aug 2020 10:30

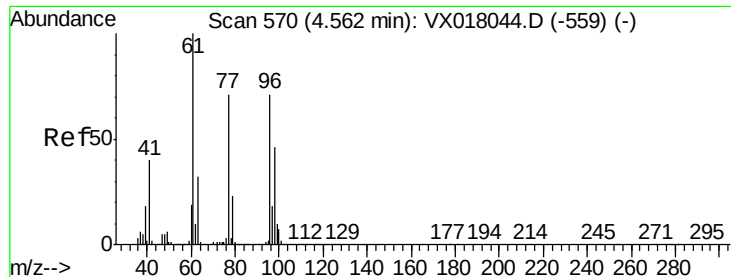
Tgt Ion: 77 Resp: 640976

Ion Ratio Lower Upper

77 100

97 21.8 11.5 34.5





#27

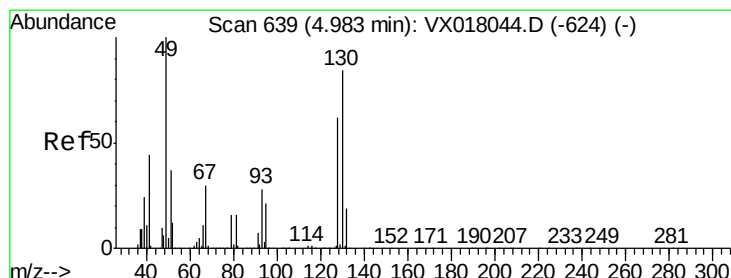
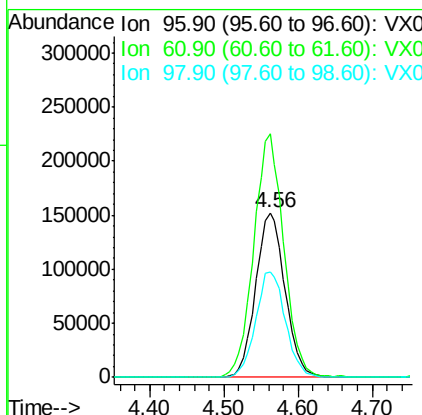
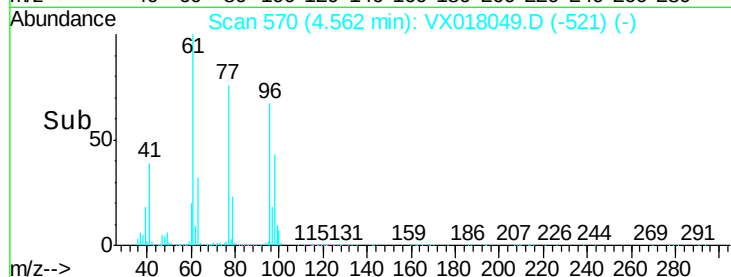
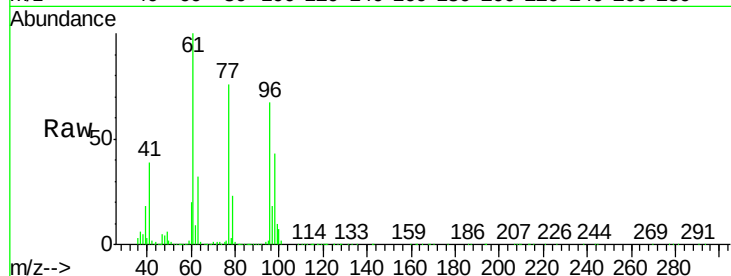
cis-1,2-Dichloroethene
Concen: 50.788 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	296.6
98	65.0	0.0	130.2

Manual Integrations
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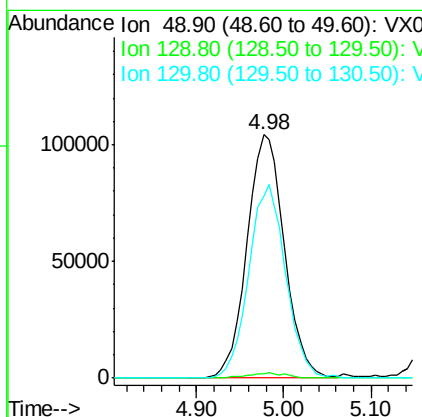
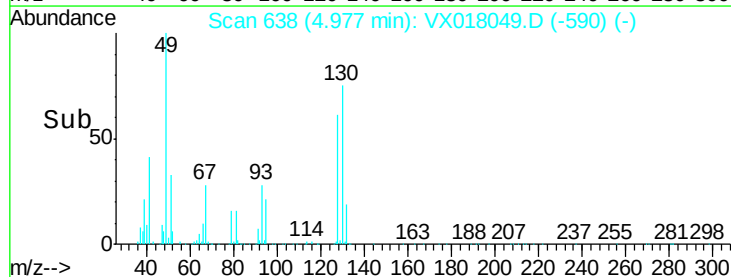
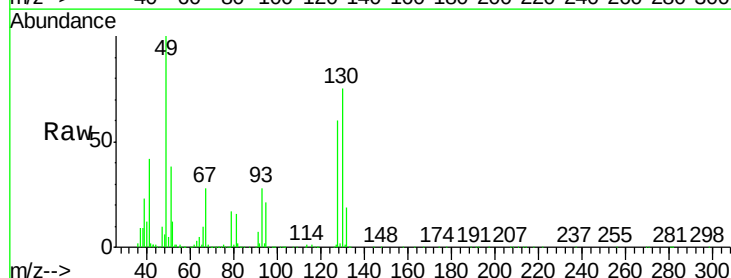
sam
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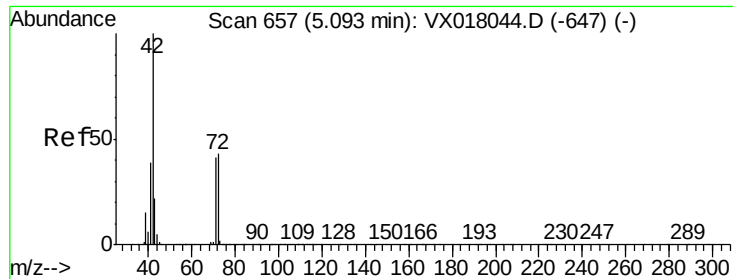


#28

Bromochloromethane
Concen: 49.138 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	78.5	64.6	96.8





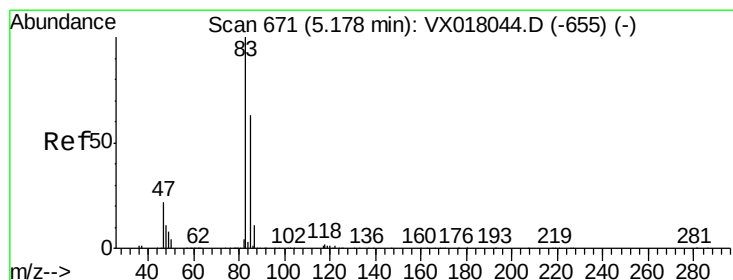
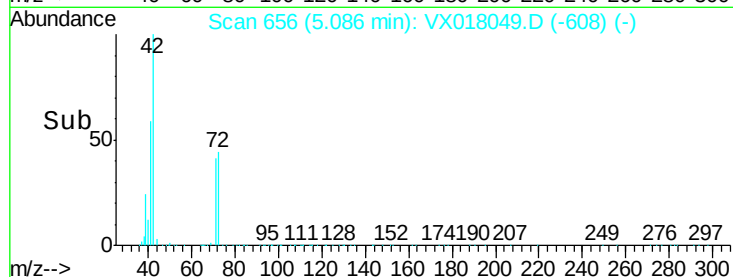
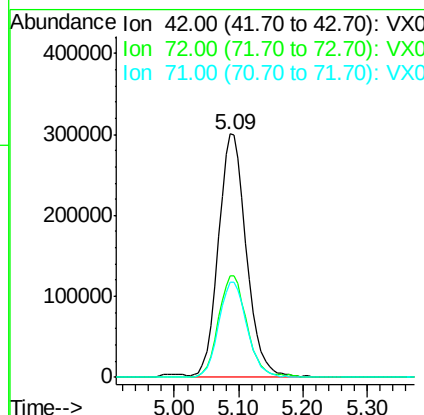
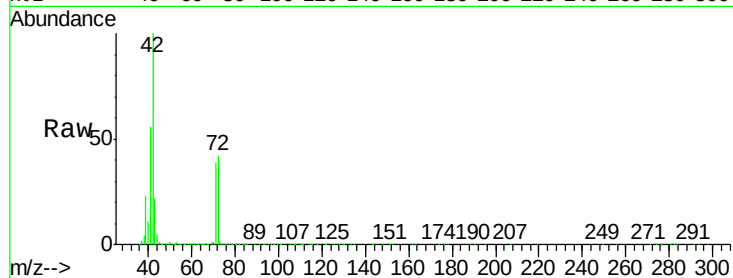
#29
Tetrahydrofuran
Concen: 244.108 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.2	51.4
71	39.7	32.1	48.1

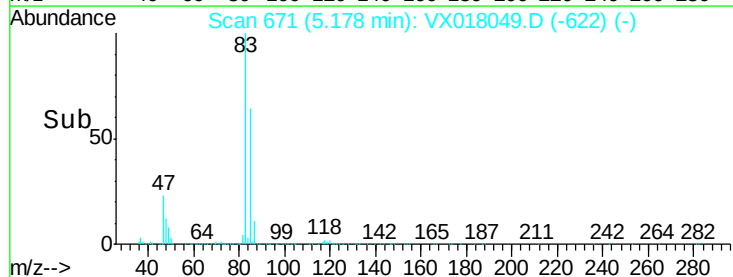
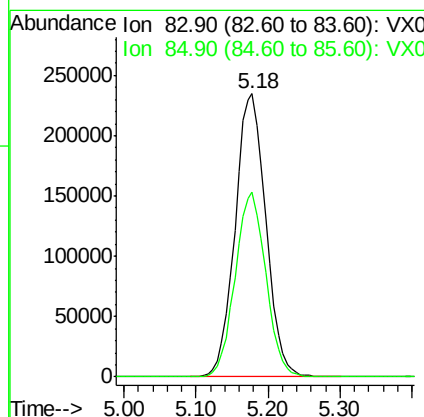
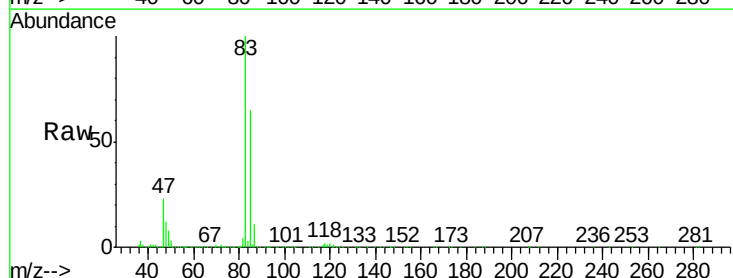
Manual Integrations
APPROVED

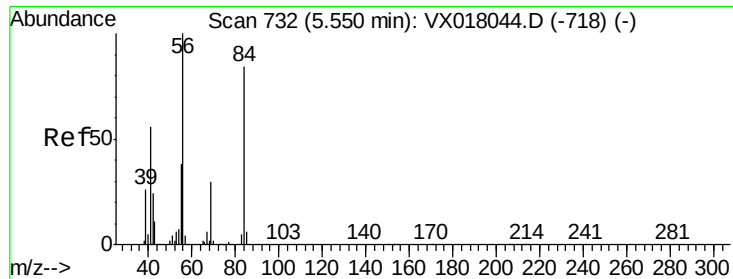
sam
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#30
Chloroform
Concen: 51.479 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	50.7	76.1





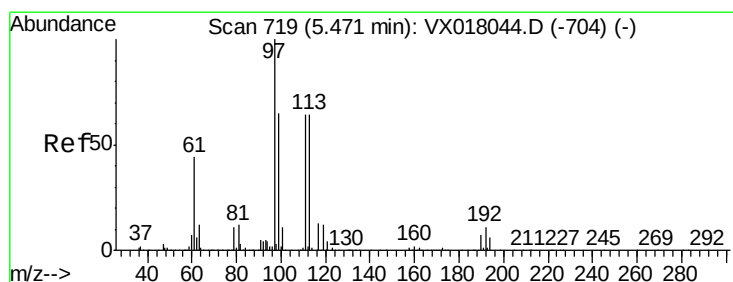
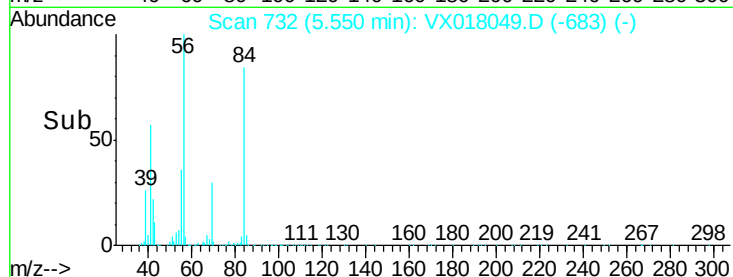
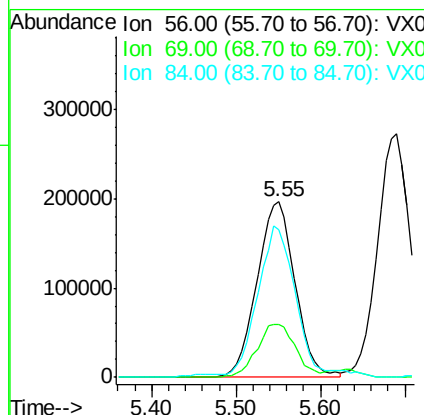
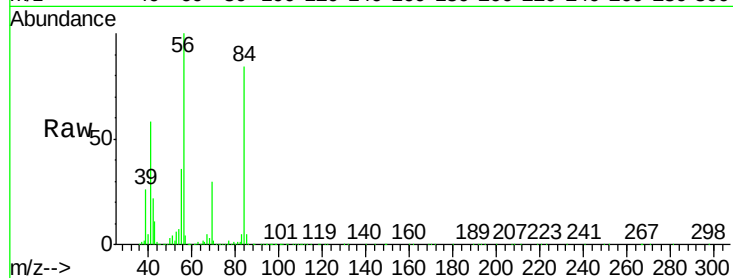
#31
Cyclohexane
Concen: 55.208 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.9	35.9
84	82.9	67.0	100.4

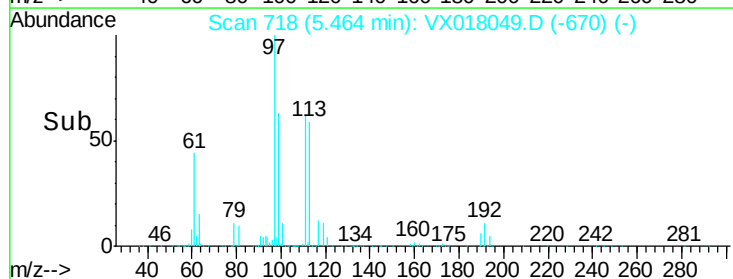
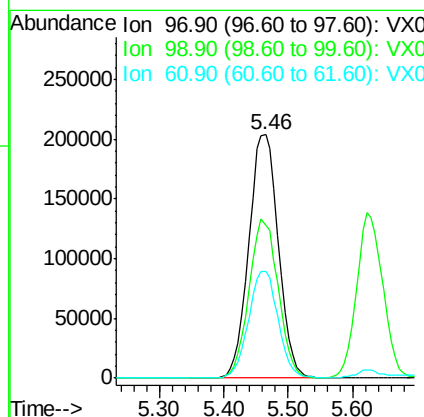
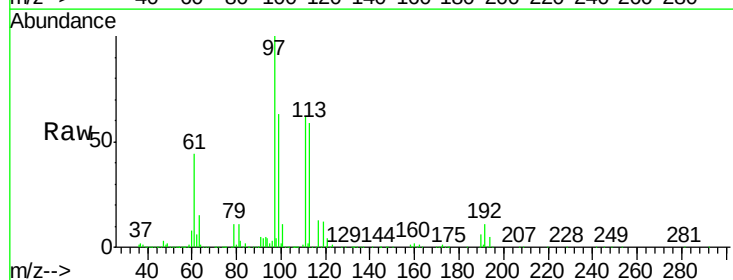
Manual Integrations
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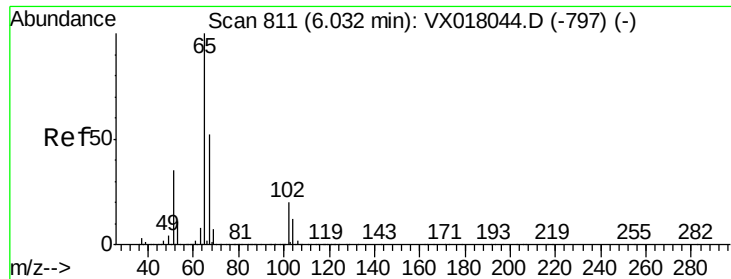
sam
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#32
1,1,1-Trichloroethane
Concen: 51.483 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	43.3	34.2	51.4





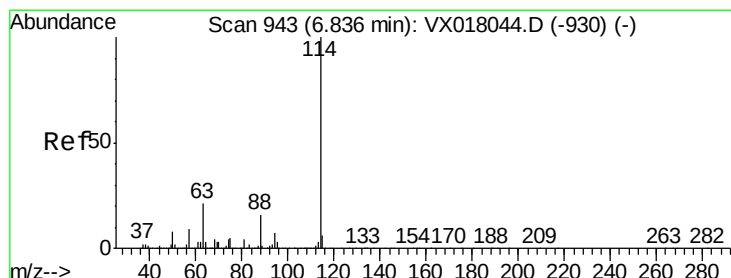
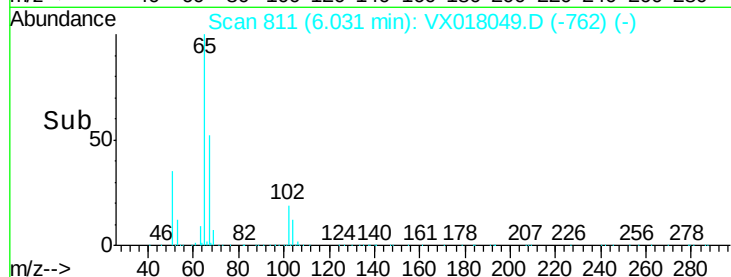
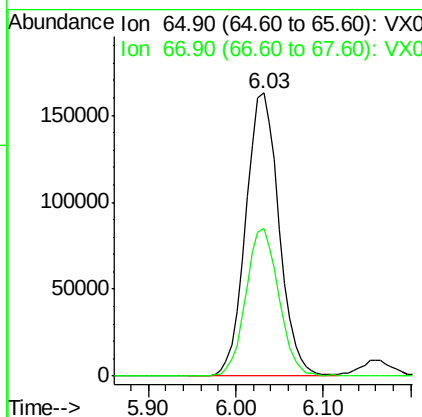
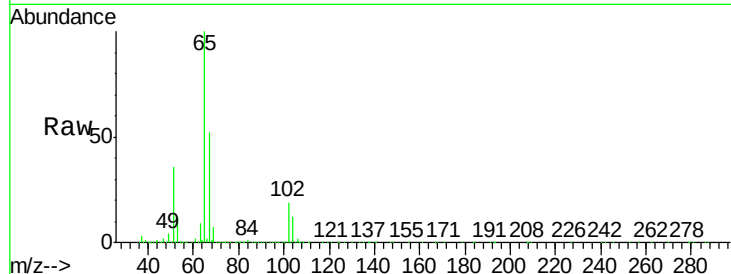
#33
 1,2-Dichloroethane-d4
 Concen: 46.750 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	105.8

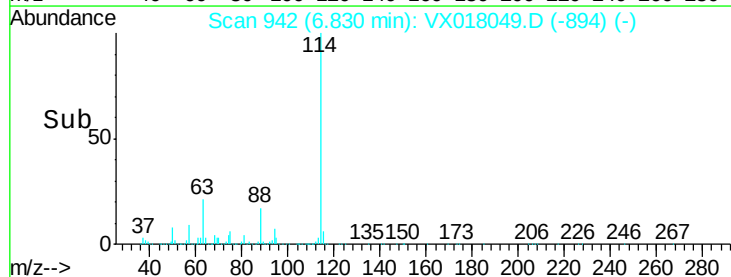
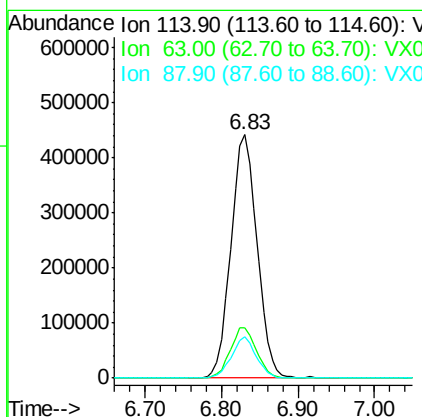
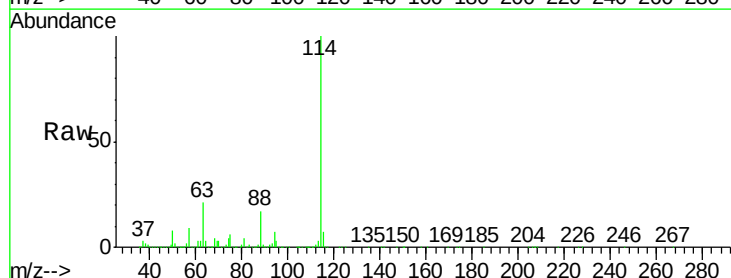
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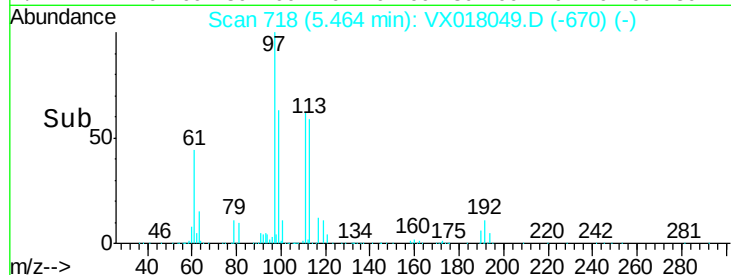
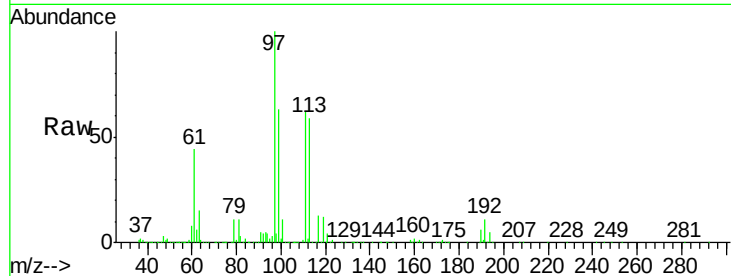
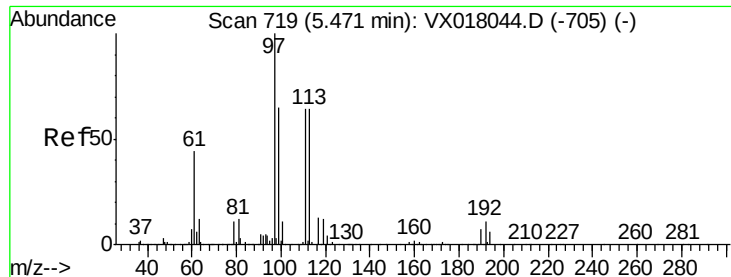
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.6
88	16.8	0.0	31.8





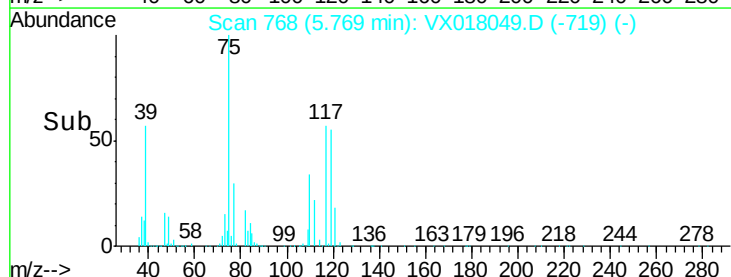
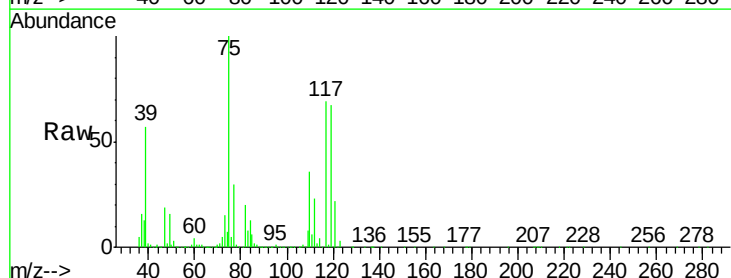
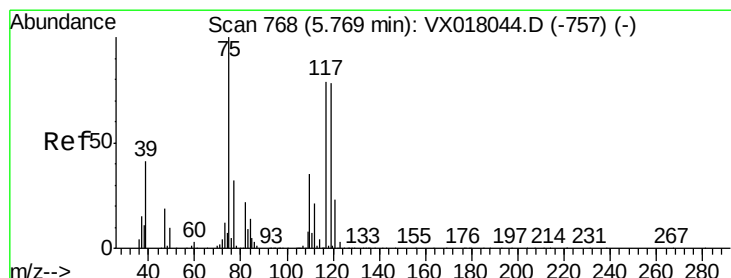
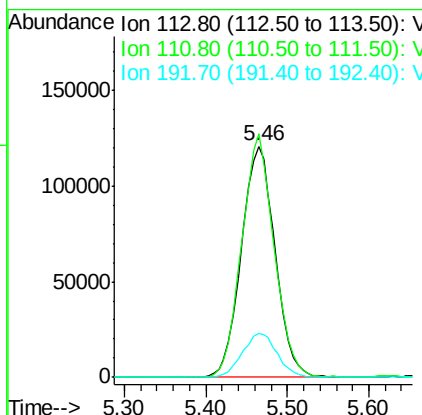
#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tot Ion	Ratio	Resp	Lower	Upper
113	100	347200		
111	100.9	81.6	122.4	
192	19.7	15.8	23.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

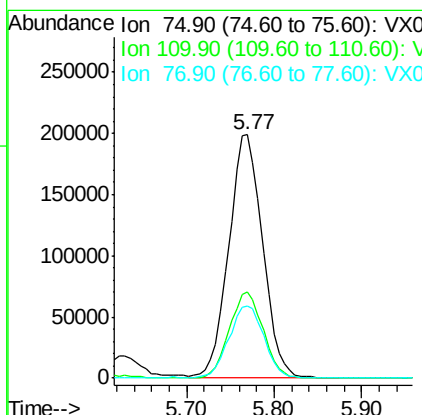
Manual Integrations
APPROVED

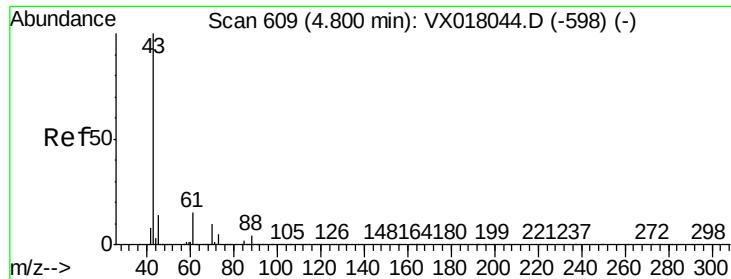
sam
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#36
1,1-Dichloropropene
Concen: 55.432 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	534073		
110	35.2	18.0	54.0	
77	30.7	24.4	36.6	





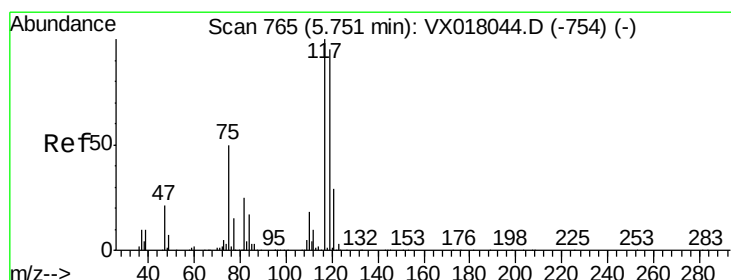
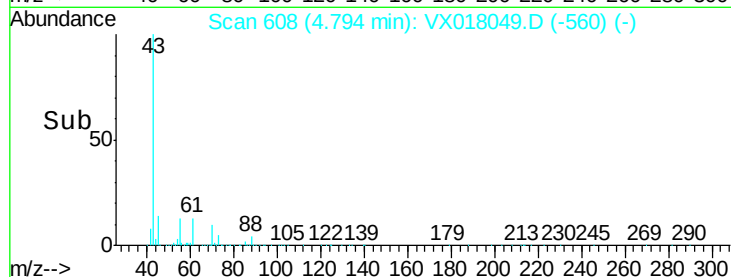
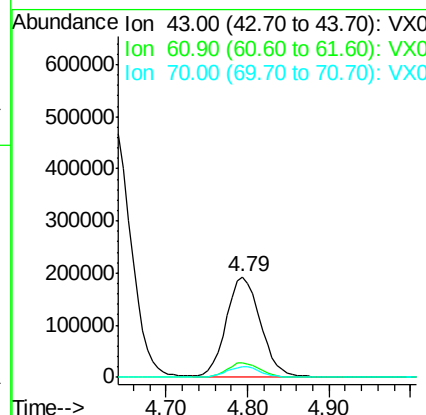
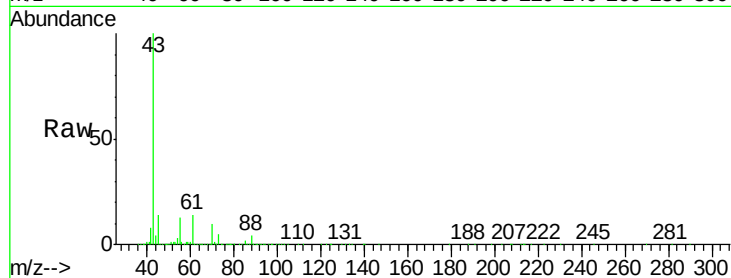
#37
Ethyl Acetate
Concen: 50.050 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	10.4	8.2	12.4

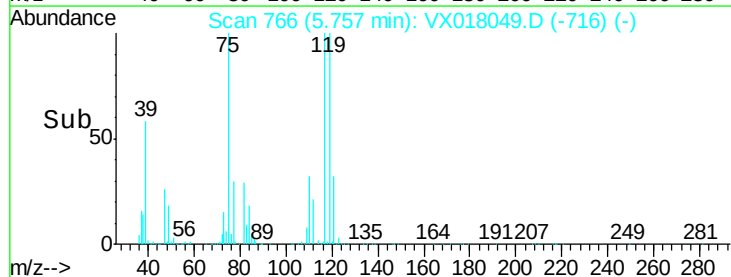
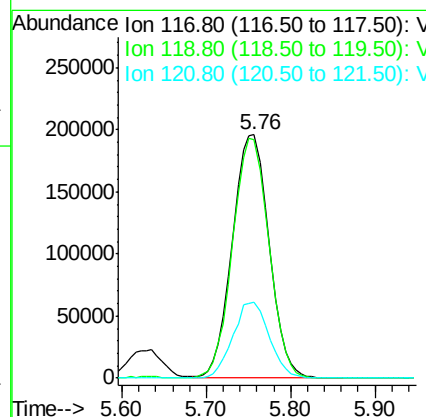
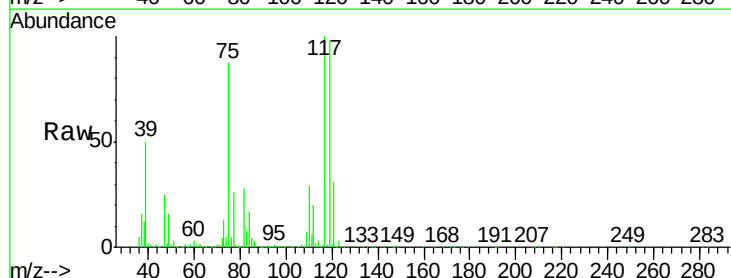
Manual Integrations
APPROVED

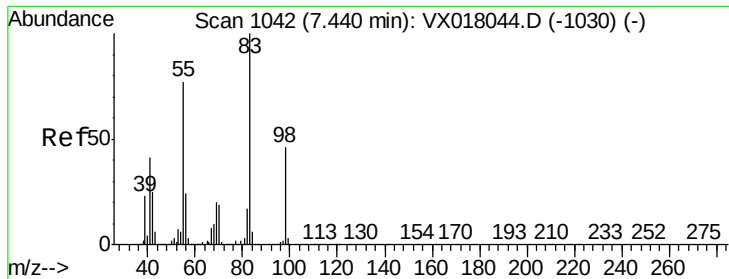
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#38
Carbon Tetrachloride
Concen: 53.438 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.6
121	31.3	23.4	35.0





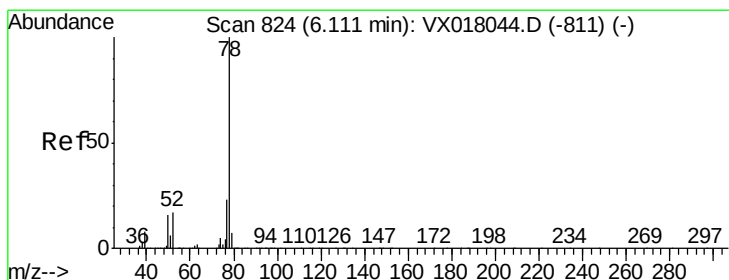
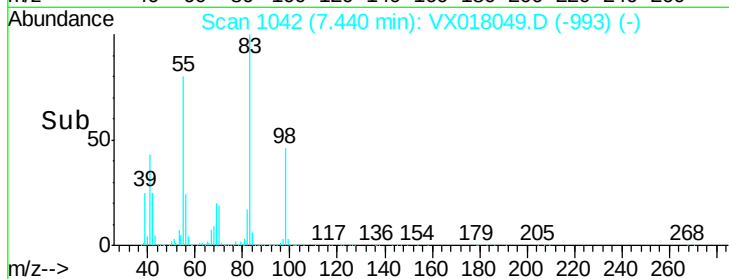
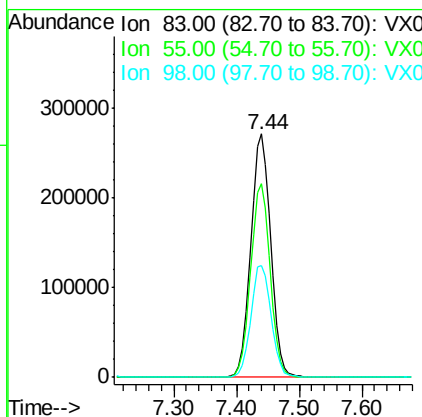
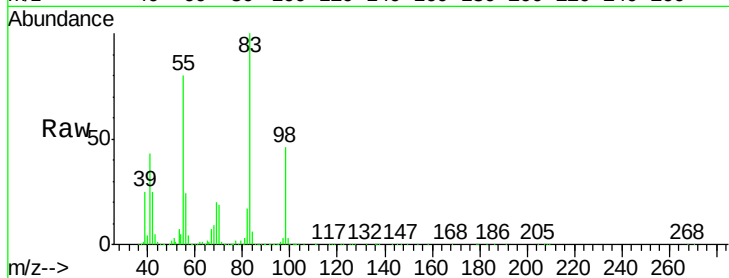
#39
Methylvlcyclohexane
Concen: 56.289 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.8	92.6
98	45.9	36.6	55.0

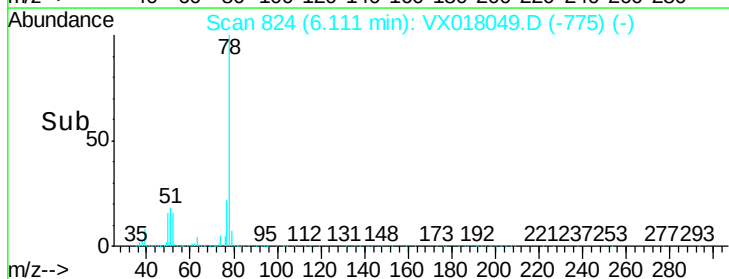
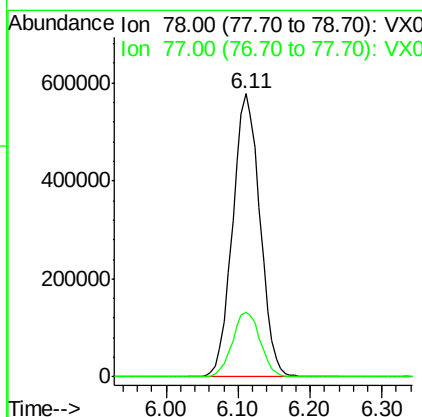
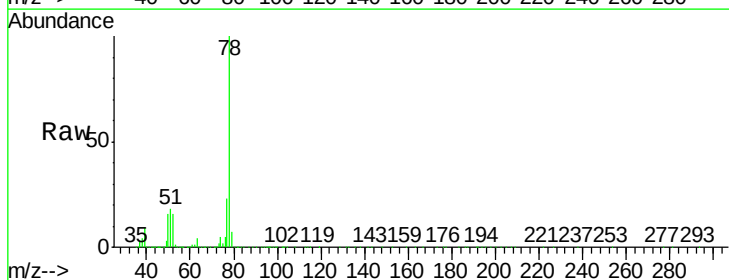
Manual Integrations
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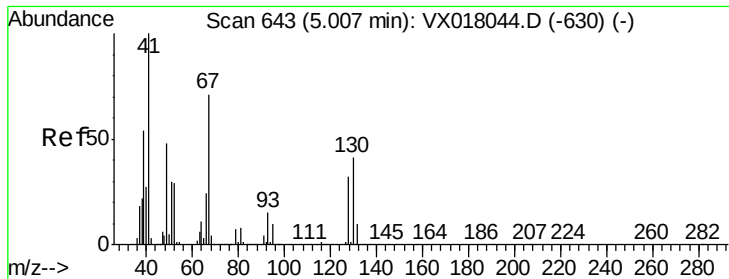
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#40
Benzene
Concen: 53.736 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.2	27.2





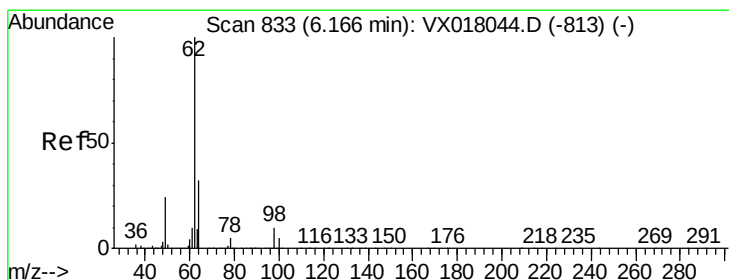
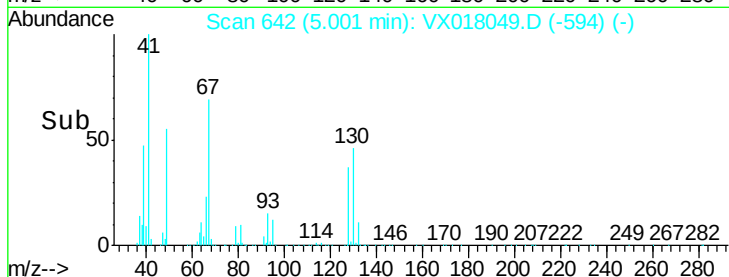
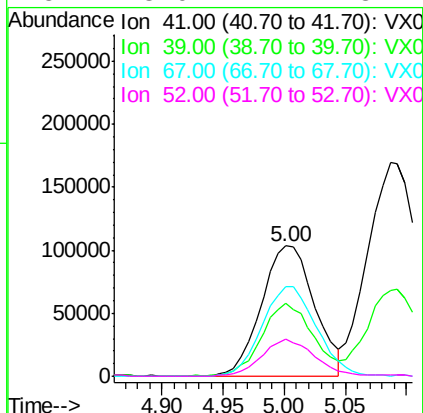
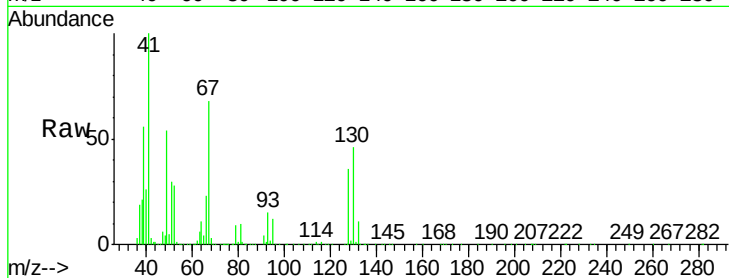
#41
Methacrylonitrile
Concen: 50.725 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	43.1	64.7	
67	70.2	56.0	84.0	
52	28.0	22.7	34.1	

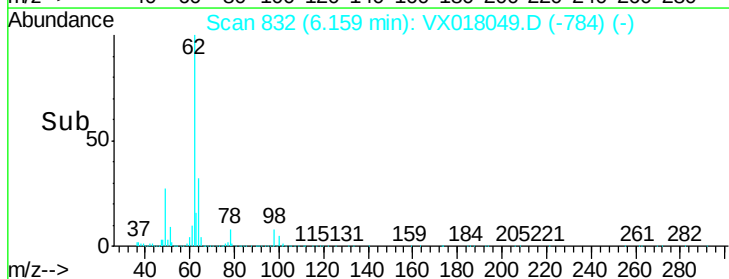
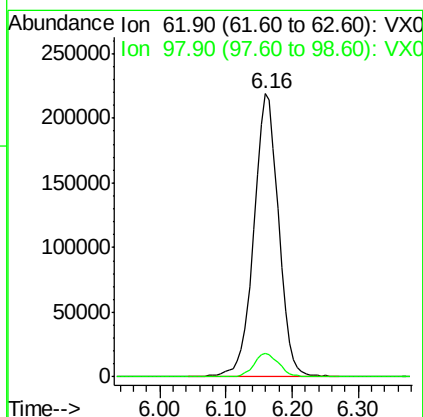
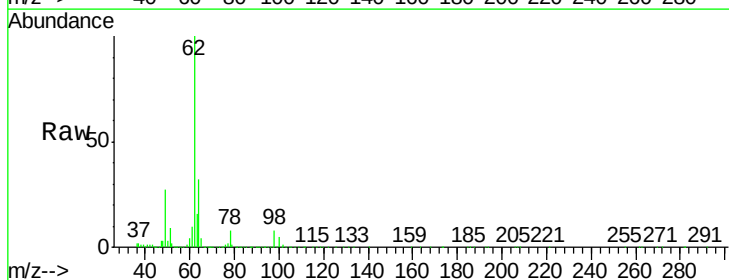
Manual Integrations
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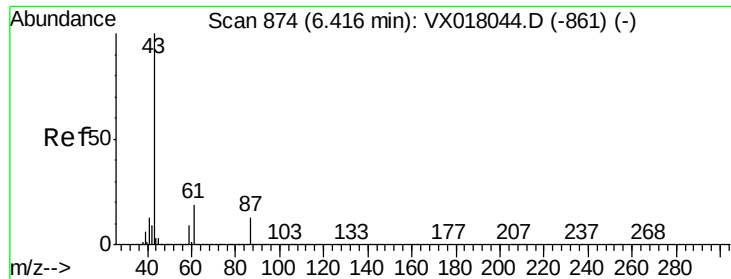
Sam
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#42
1,2-Dichloroethane
Concen: 52.727 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	18.2	





#43

Isopropyl Acetate

Concen: 51.664 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

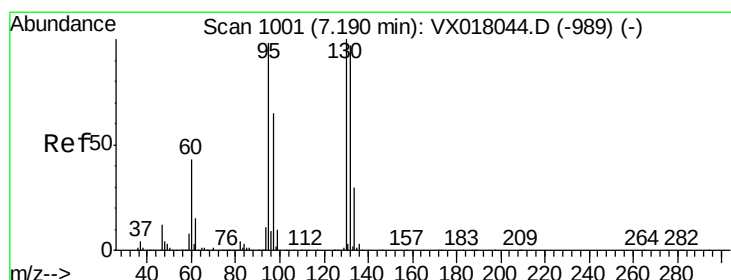
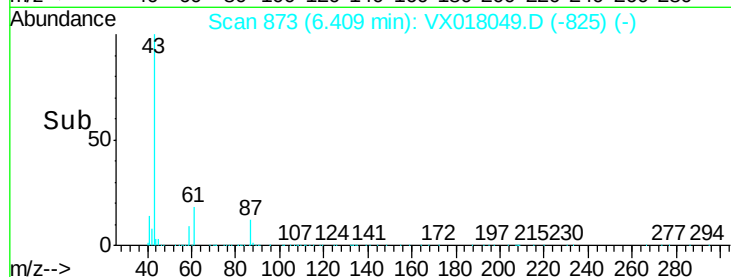
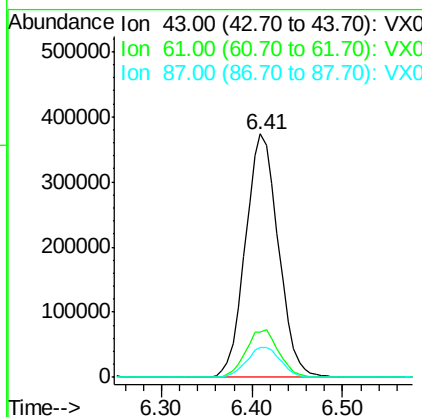
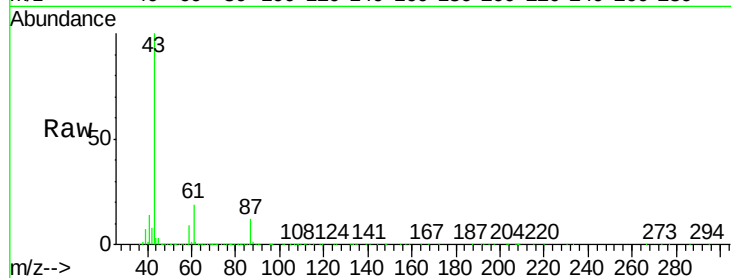
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	933783
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.7	23.5
87	12.8	10.3	15.5

Manual Integrations
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#44

Trichloroethene

Concen: 53.710 ug/l

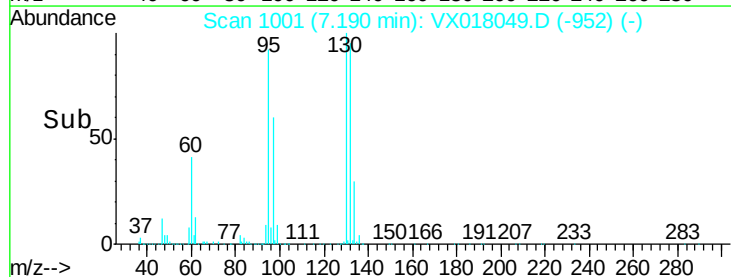
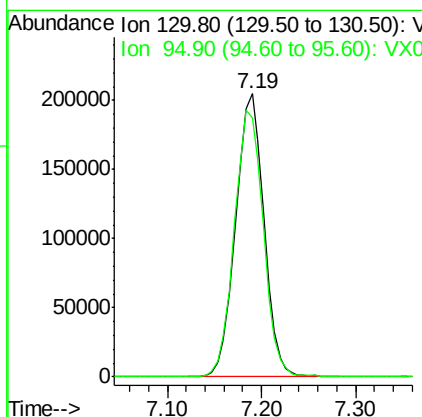
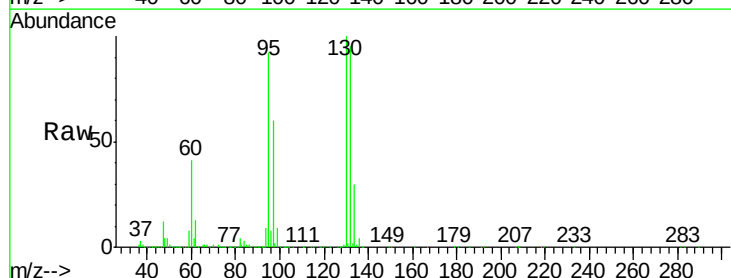
RT: 7.19 min Scan# 1001

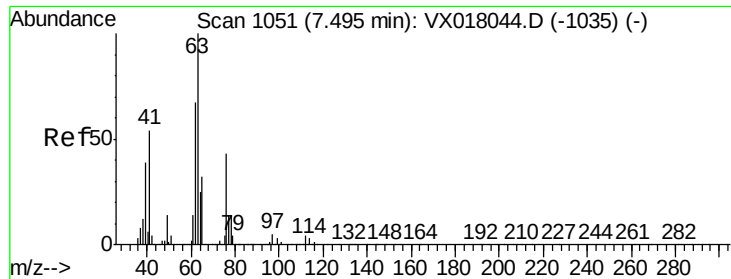
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	130	Resp:	429649
Ion	Ratio	Lower	Upper
130	100		
95	91.6	0.0	196.4





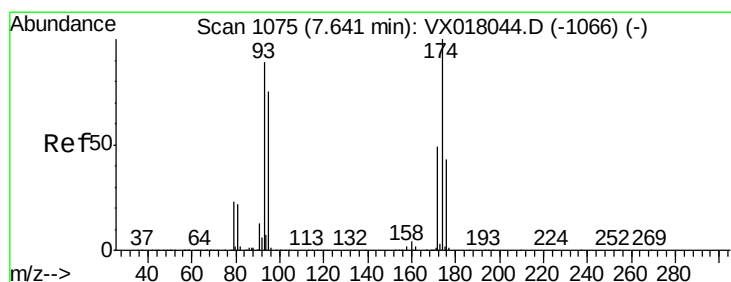
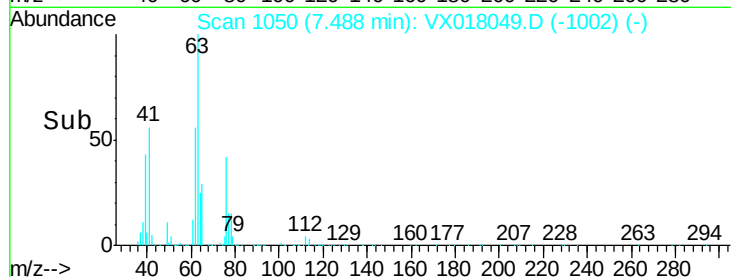
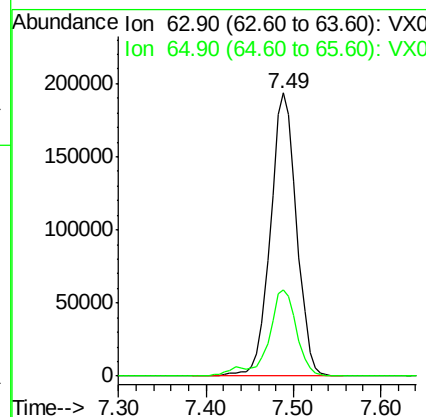
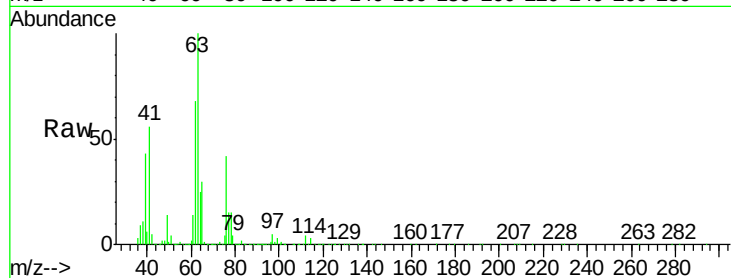
#45
 1,2-Dichloropropane
 Concen: 53.146 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	25.7	38.5

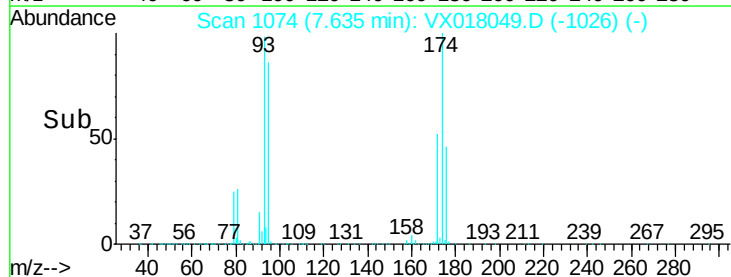
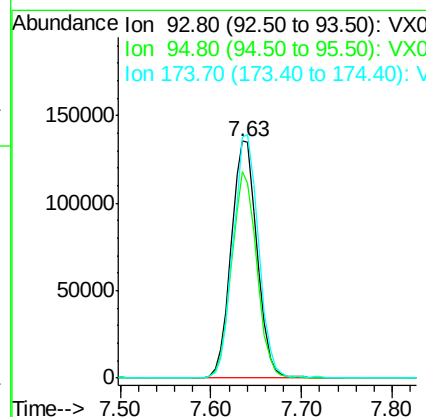
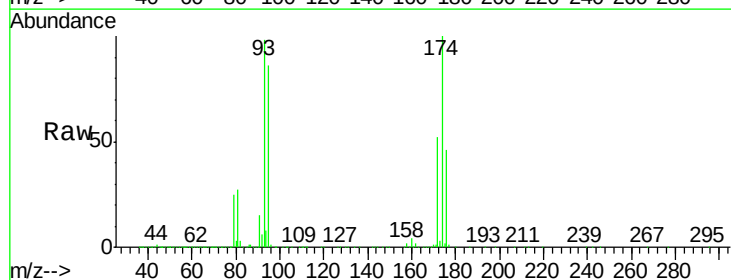
Manual Integrations
 APPROVED

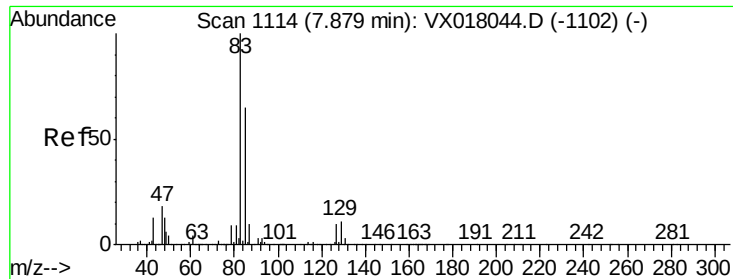
sam
 8/24/2020 5:50:48 PM



#46
 Dibromomethane
 Concen: 50.045 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	67.3	100.9
174	101.2	82.2	123.2





#47

Bromodichloromethane

Concen: 52.586 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

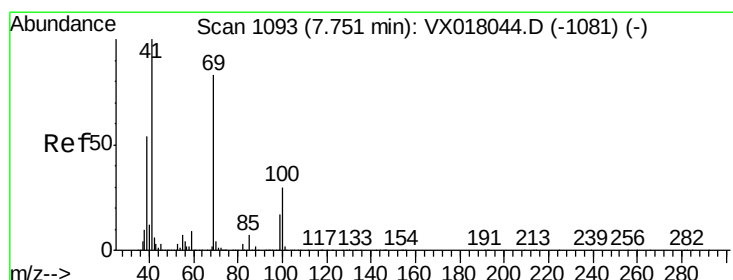
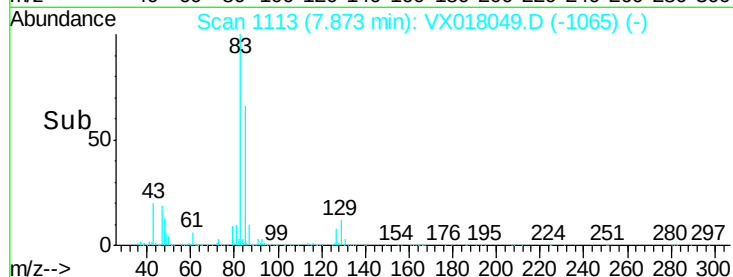
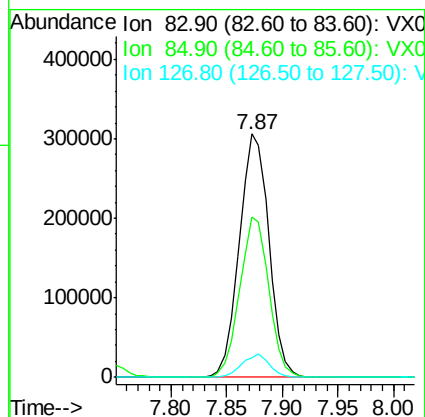
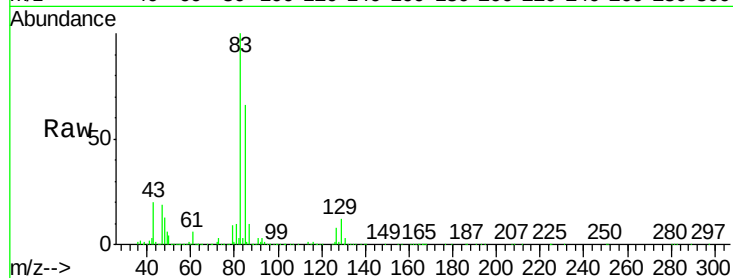
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	563389
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.8	77.6
127	8.3	7.7	11.5

Manual Integrations
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sam
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#48

Methyl methacrylate

Concen: 50.421 ug/l

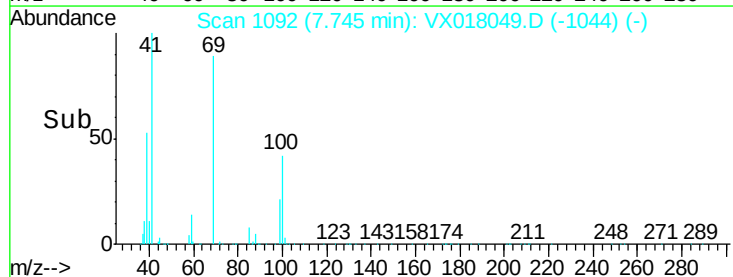
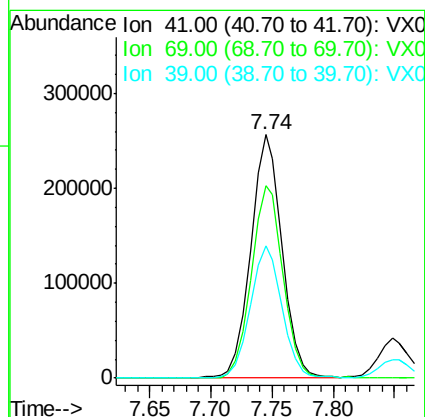
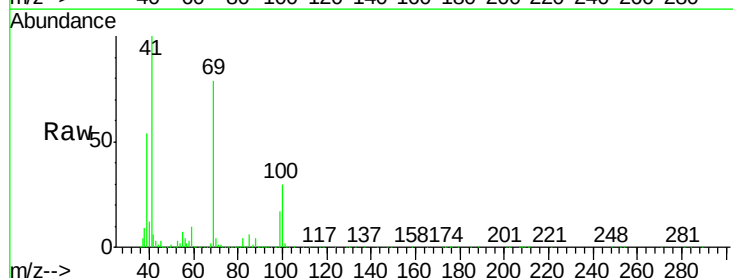
RT: 7.74 min Scan# 1092

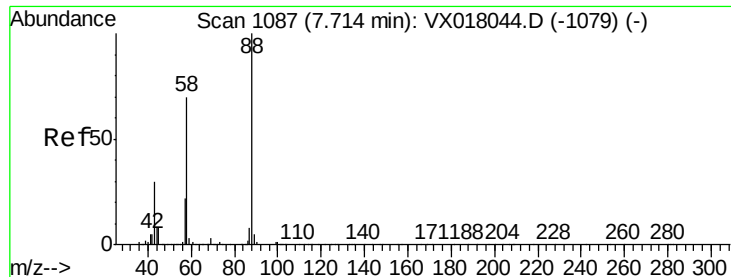
Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	41	Resp:	453657
Ion	Ratio	Lower	Upper
41	100		
69	80.7	65.5	98.3
39	55.0	44.5	66.7





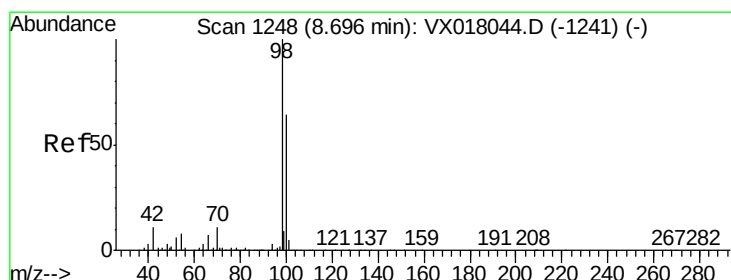
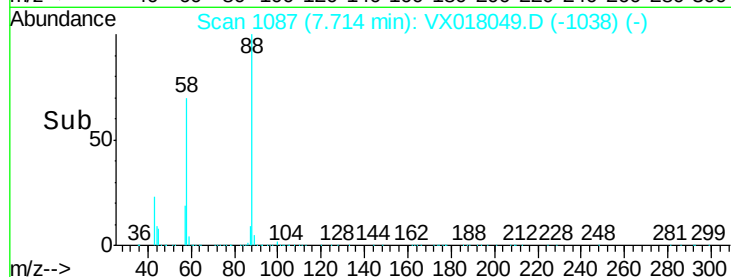
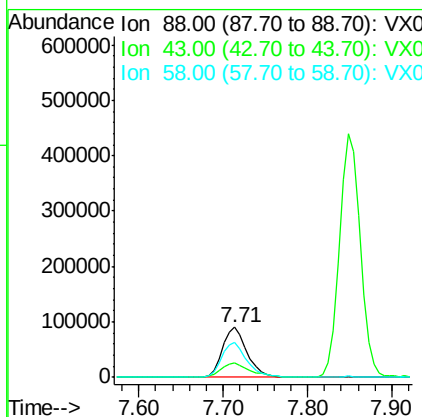
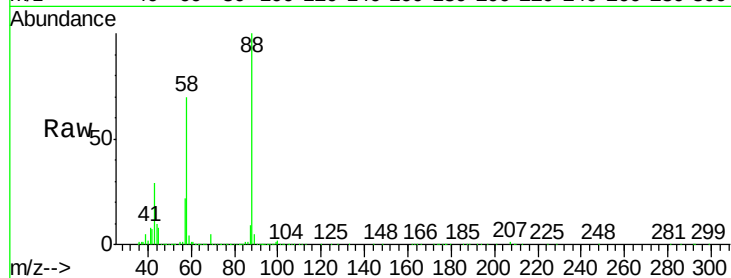
#49
1,4-Dioxane
Concen: 1103.977 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.5	27.4	41.0
58	73.1	56.4	84.6

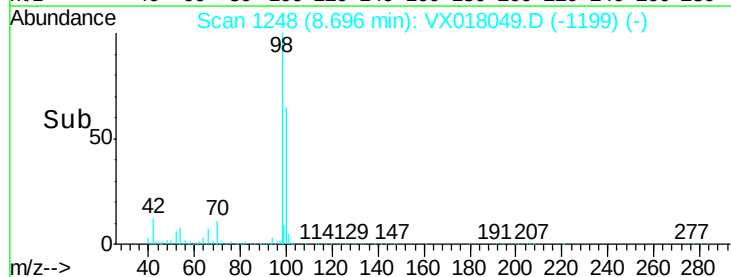
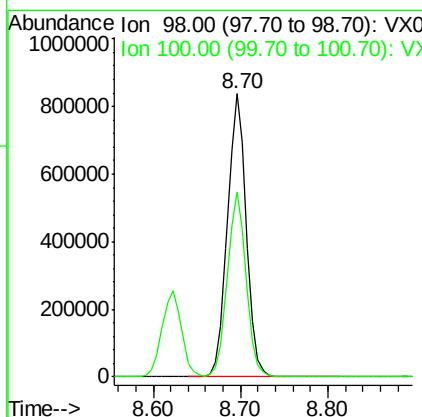
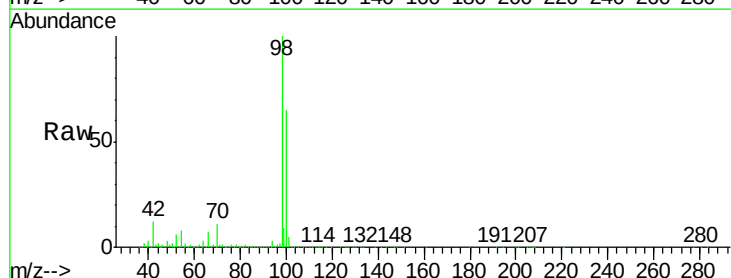
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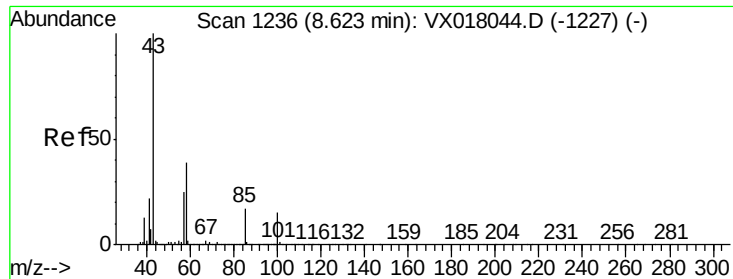
sam
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#50
Toluene-d8
Concen: 47.089 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4





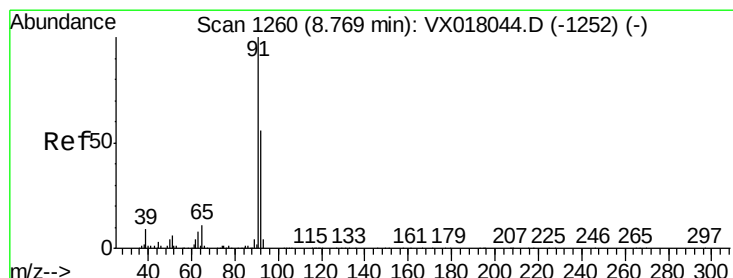
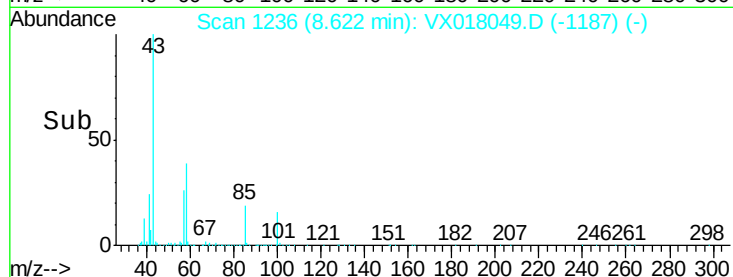
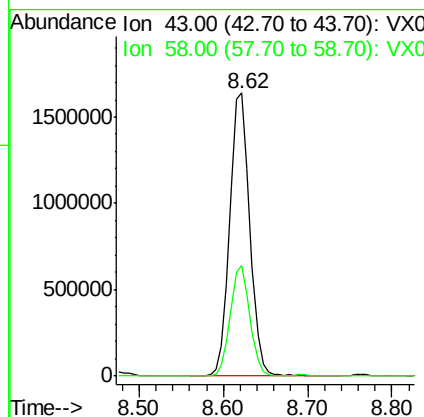
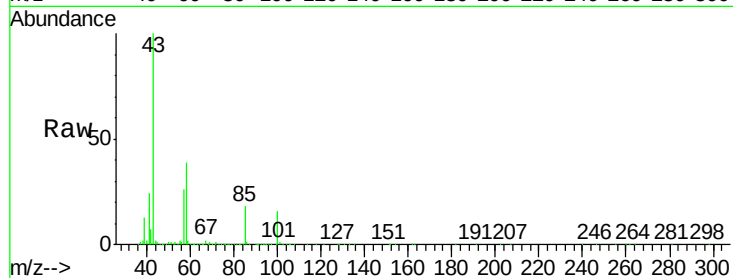
#51
4-Methyl-2-Pentanone
Concen: 239.294 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2671607
Ion Ratio Lower Upper
43 100
58 38.3 30.7 46.1

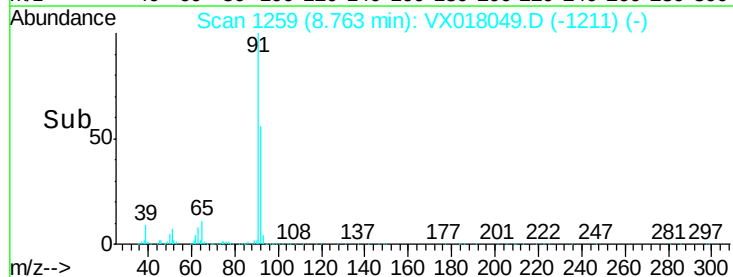
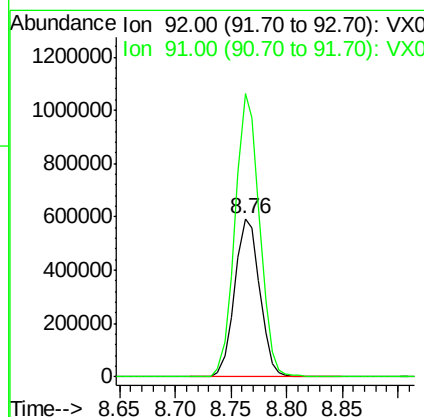
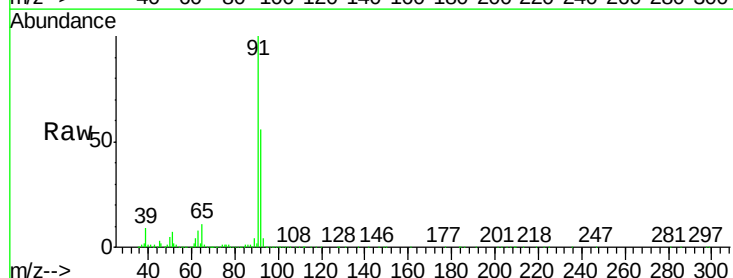
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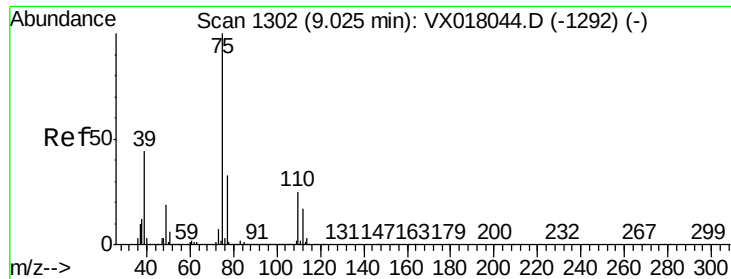
sam
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#52
Toluene
Concen: 51.746 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 92 Resp: 928932
Ion Ratio Lower Upper
92 100
91 174.1 140.3 210.5





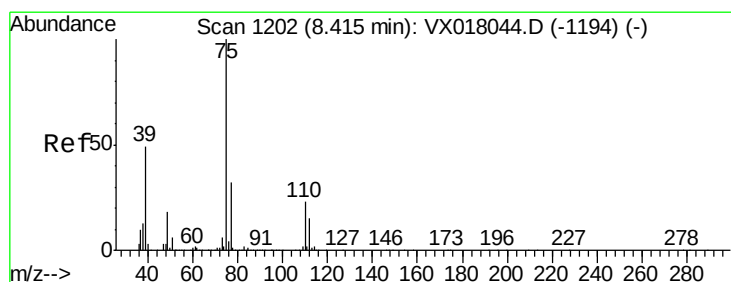
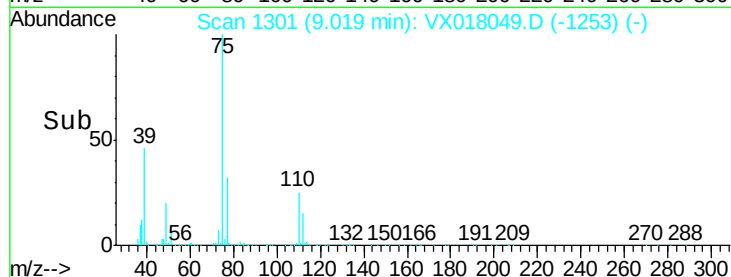
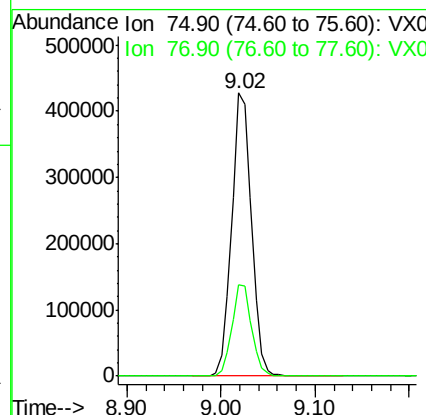
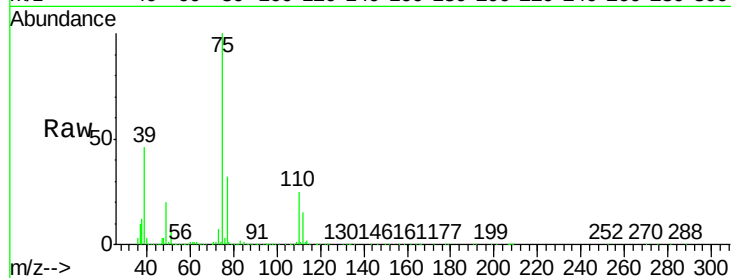
#53
t-1,3-Dichloropropene
Concen: 52.528 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	26.6	39.8

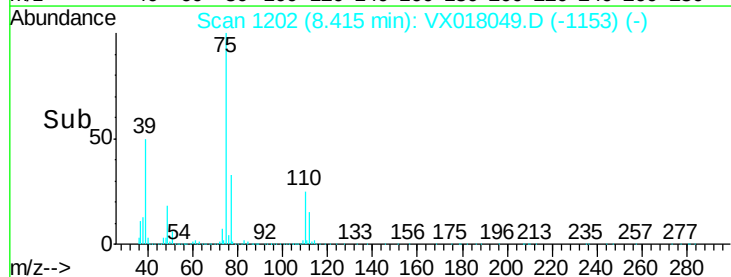
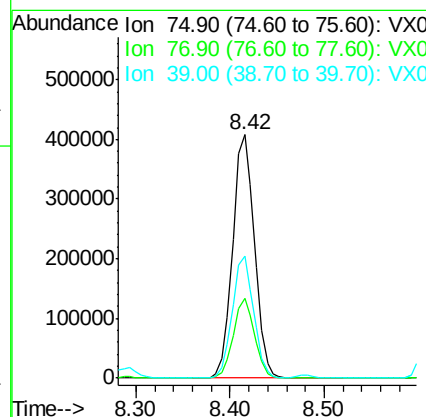
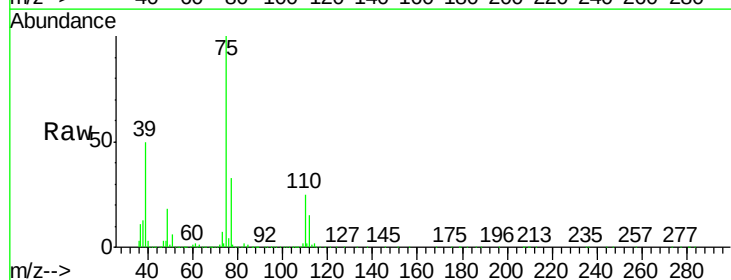
Manual Integrations
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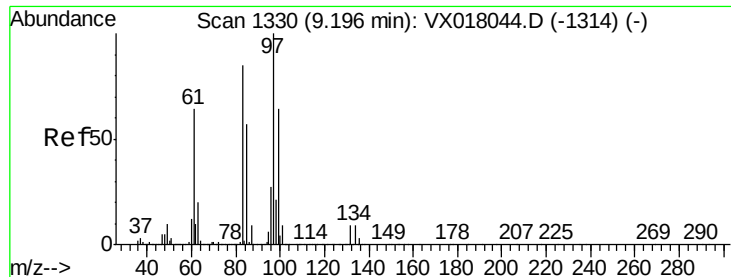
sam
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#54
cis-1,3-Dichloropropene
Concen: 52.017 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.8	38.8
39	50.2	38.8	58.2





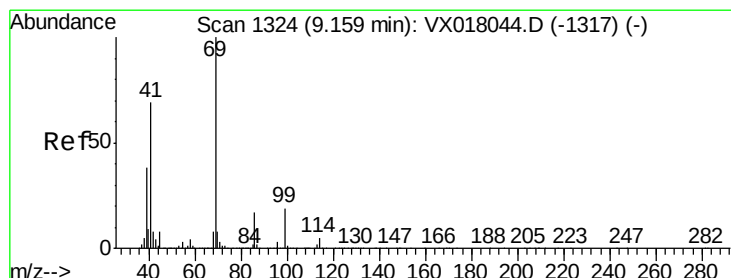
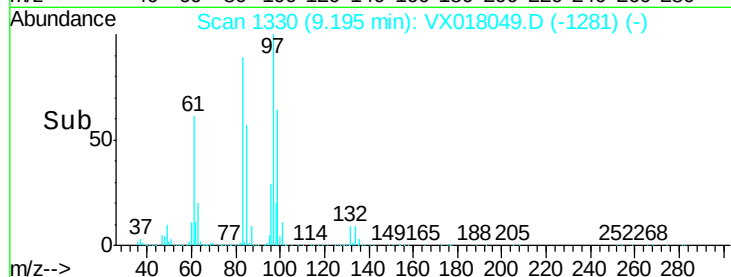
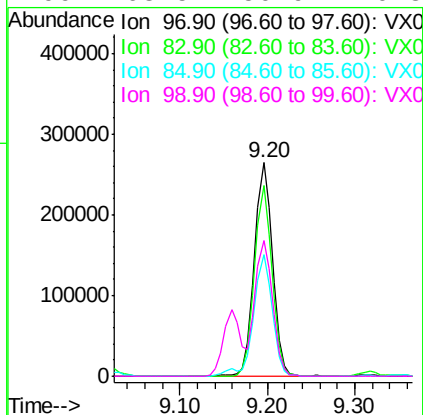
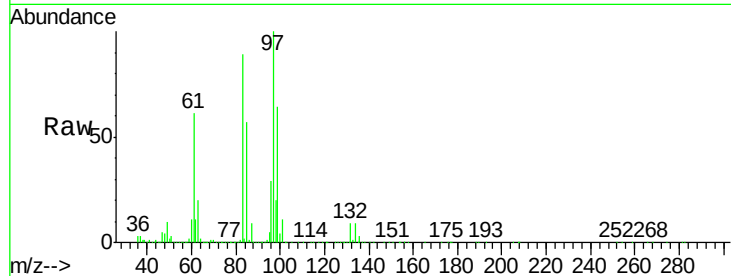
#55
 1,1,2-Trichloroethane
 Concen: 49.530 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		379211		
83	89.0	67.8	101.6		
85	56.7	45.3	67.9		
99	63.5	50.9	76.3		

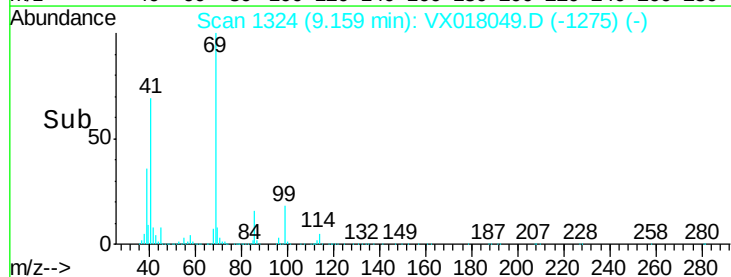
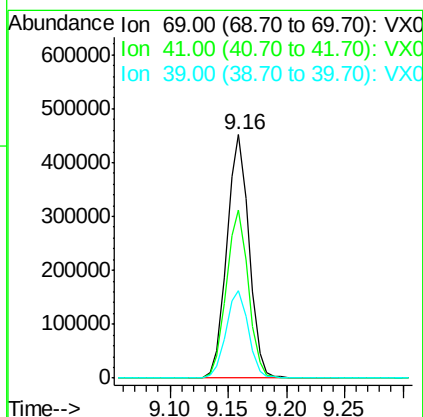
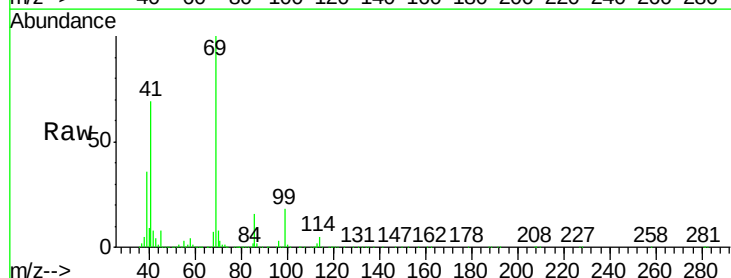
Manual Integrations
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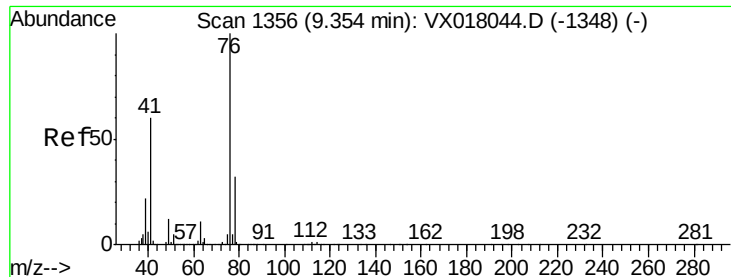
sam
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#56
 Ethyl methacrylate
 Concen: 52.501 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		597556		
41	68.7	54.6	81.8		
39	36.1	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 50.032 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 631799

Ion Ratio Lower Upper

76 100

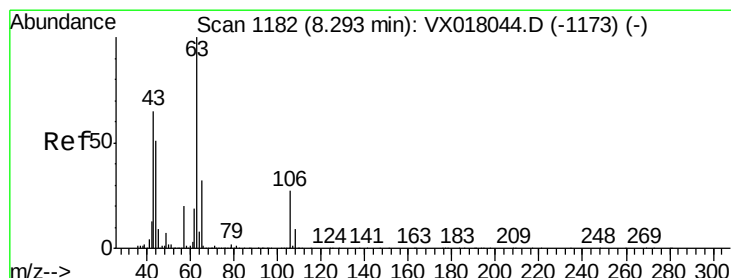
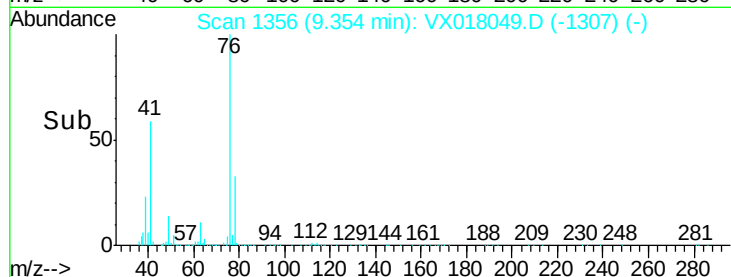
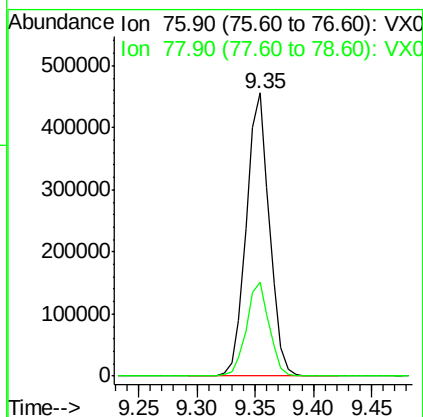
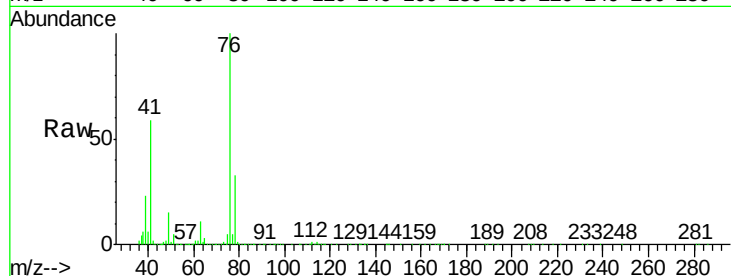
78 32.7 25.8 38.6

Manual Integrations

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sam

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#58

2-Chloroethyl Vinyl ether

Concen: 256.853 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018049.D

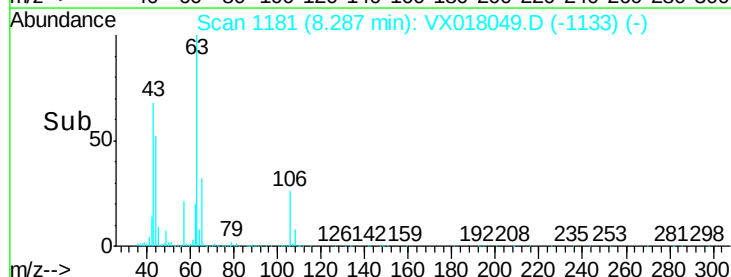
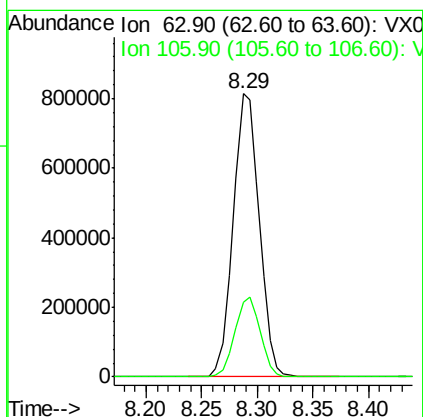
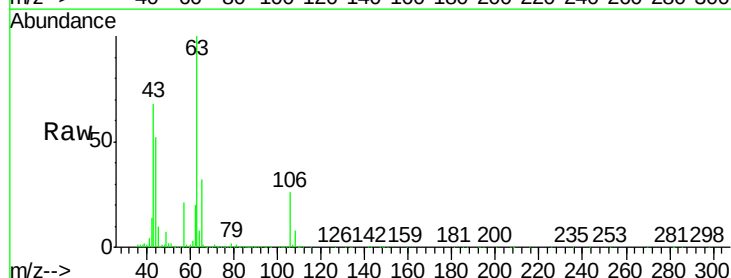
Acq: 21 Aug 2020 10:30

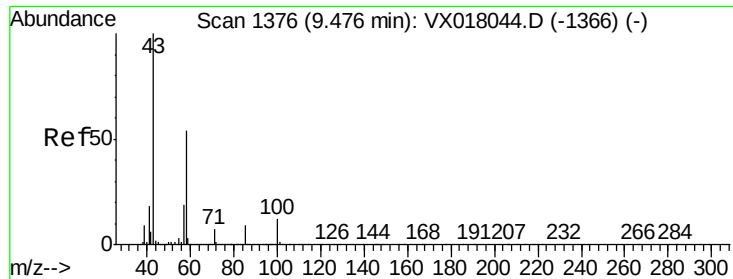
Tgt Ion: 63 Resp: 1315102

Ion Ratio Lower Upper

63 100

106 27.6 22.1 33.1





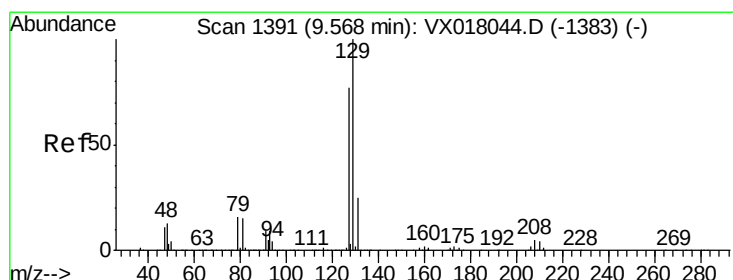
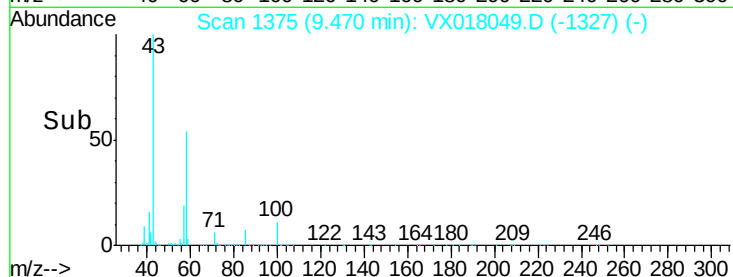
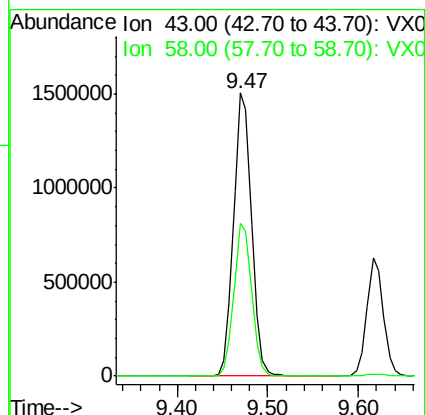
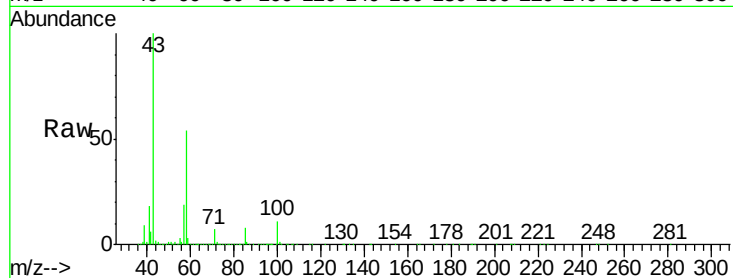
#59
2-Hexanone
Concen: 244.077 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2072053
Ion Ratio Lower Upper
43 100
58 53.7 26.6 79.7

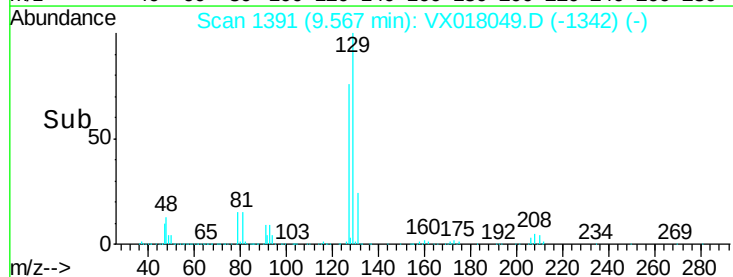
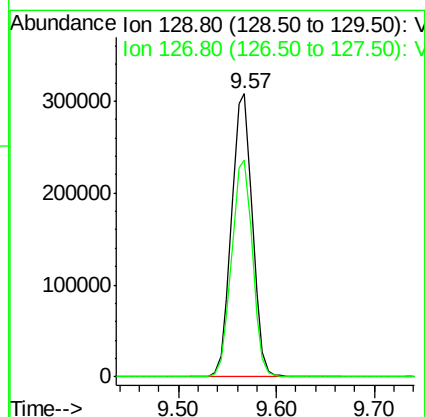
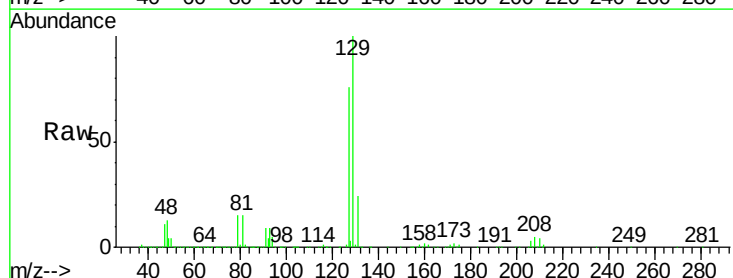
Manual Integrations
APPROVED

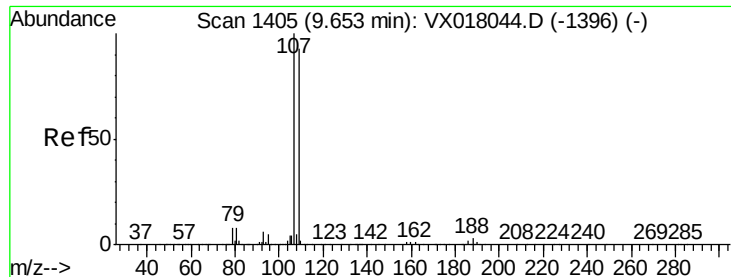
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#60
Dibromochloromethane
Concen: 50.857 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 129 Resp: 456770
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





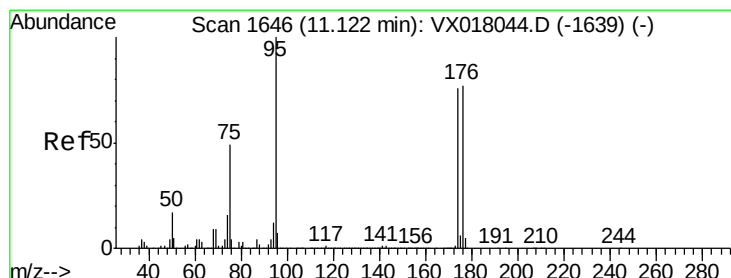
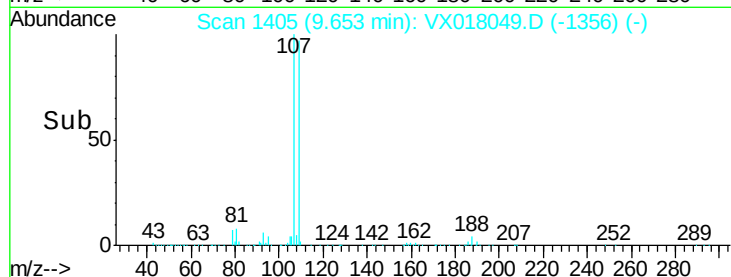
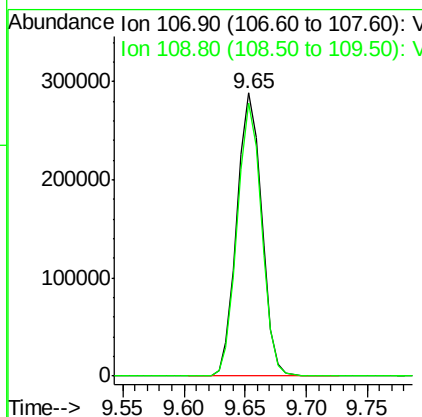
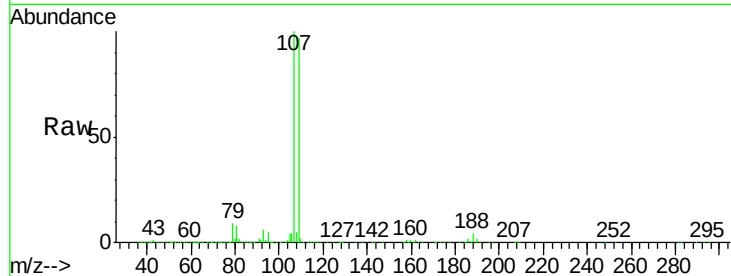
#61
 1,2-Dibromoethane
 Concen: 48.636 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	404265		
109	95.0	75.9	75.9	113.9

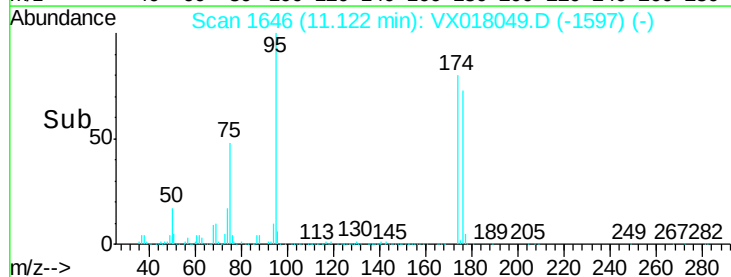
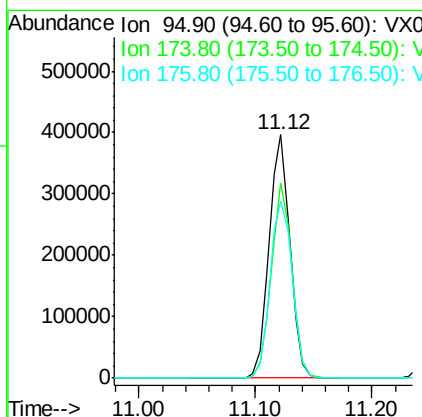
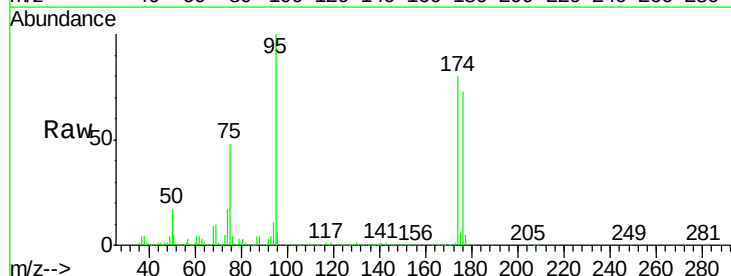
Manual Integrations
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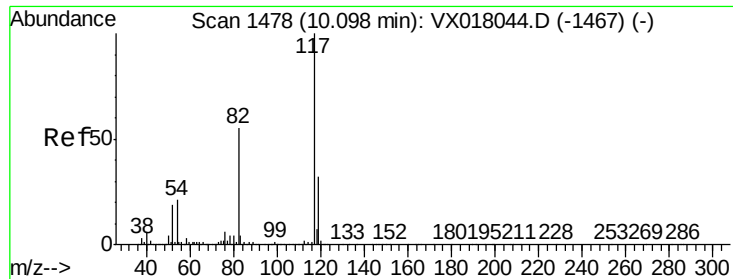
sam
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#62
 4-Bromofluorobenzene
 Concen: 46.740 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	487260		
174	79.2	0.0	0.0	160.2
176	77.0	0.0	0.0	155.8





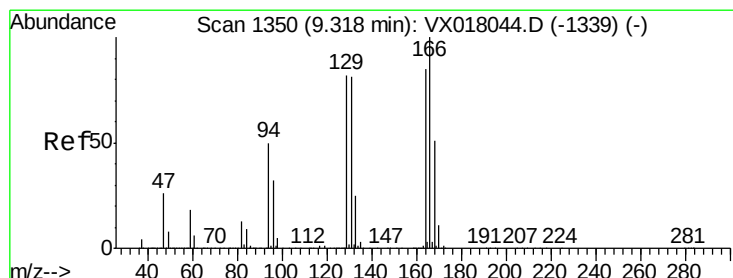
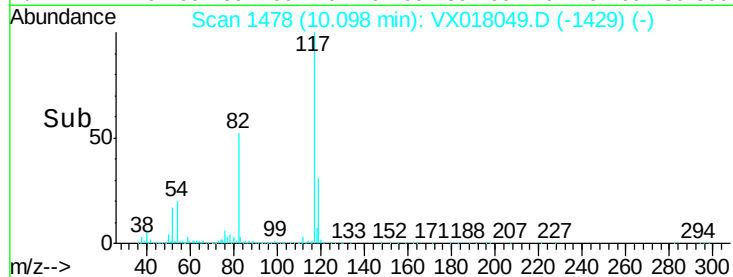
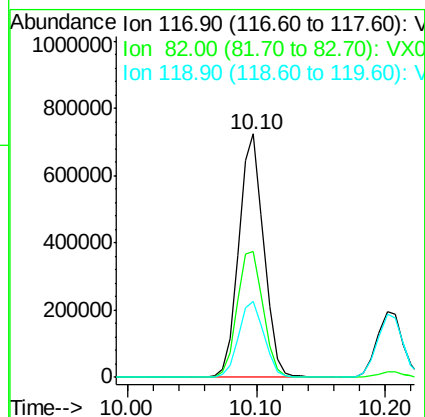
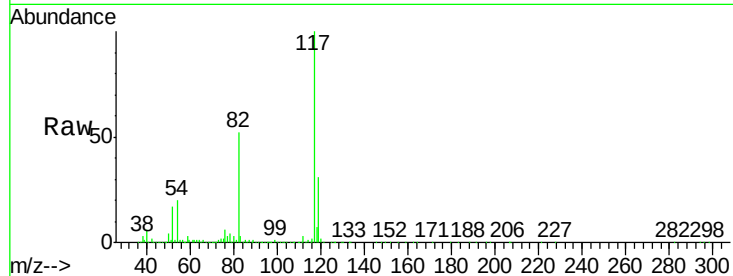
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	969248		
82	51.8	44.2	66.2	
119	31.4	25.7	38.5	

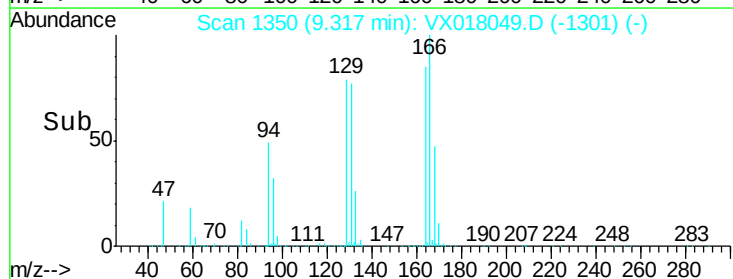
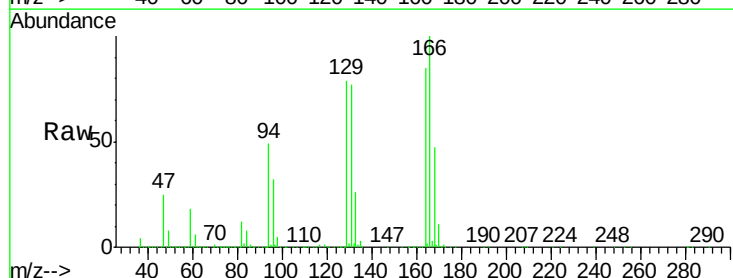
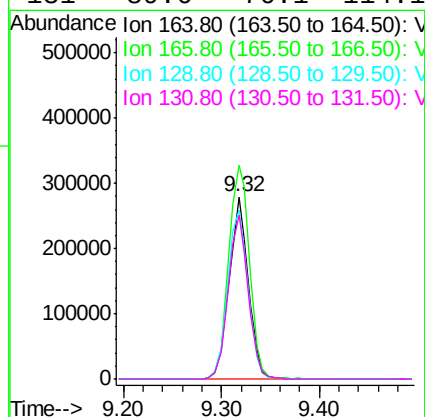
Manual Integrations
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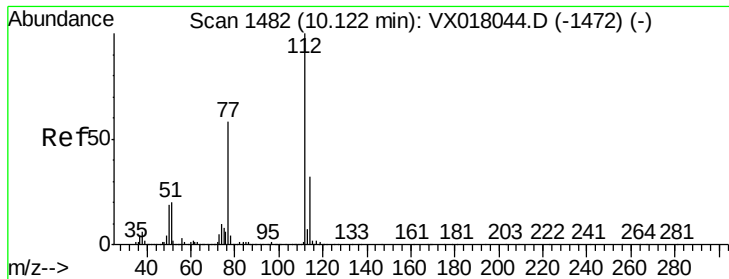
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#64
Tetrachloroethene
Concen: 53.425 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	380528		
166	117.1	94.2	141.2	
129	92.8	76.9	115.3	
131	89.6	76.1	114.1	





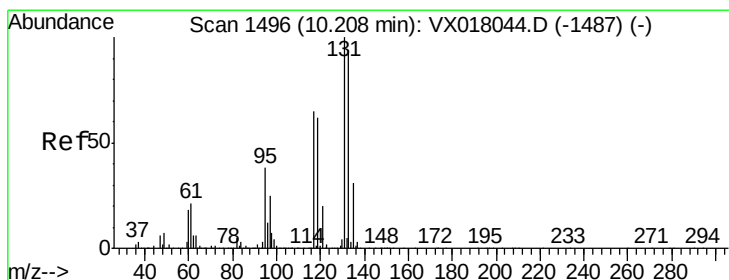
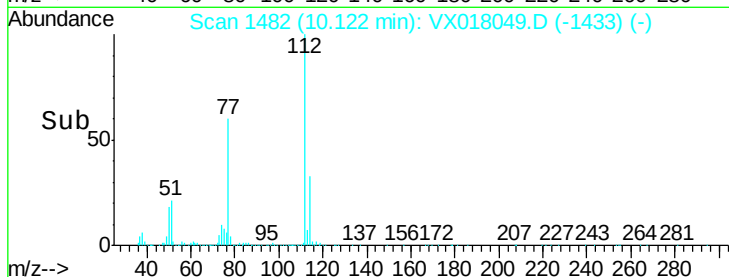
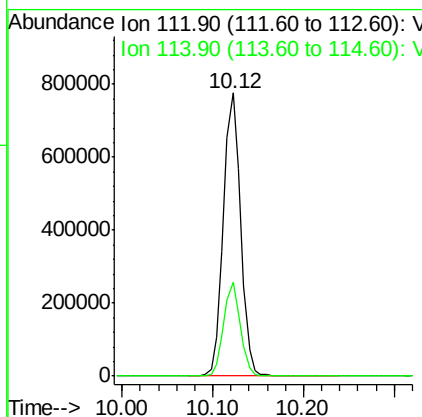
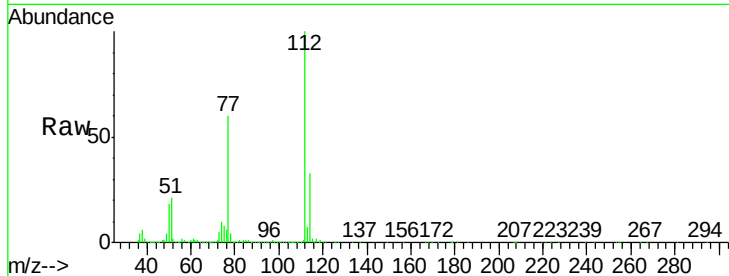
#65
Chlorobenzene
Concen: 53.521 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1036052
Ion Ratio Lower Upper
112 100
114 33.1 25.7 38.5

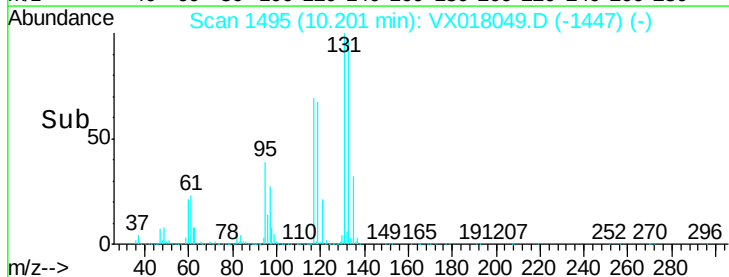
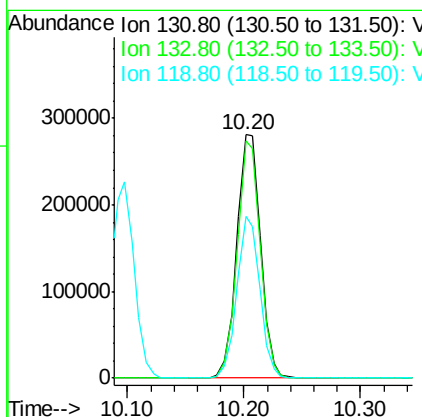
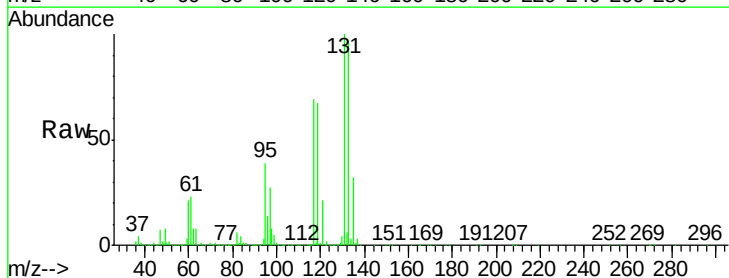
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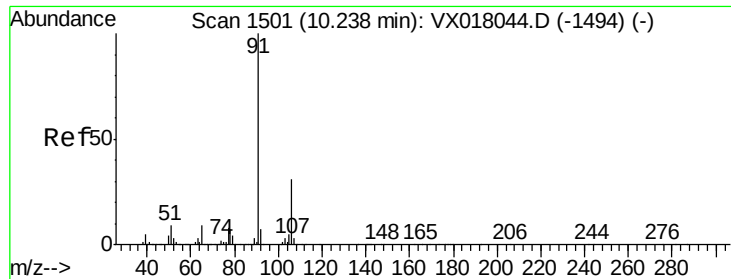
sam
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.637 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion:131 Resp: 401605
Ion Ratio Lower Upper
131 100
133 94.4 46.7 140.1
119 64.1 31.8 95.4





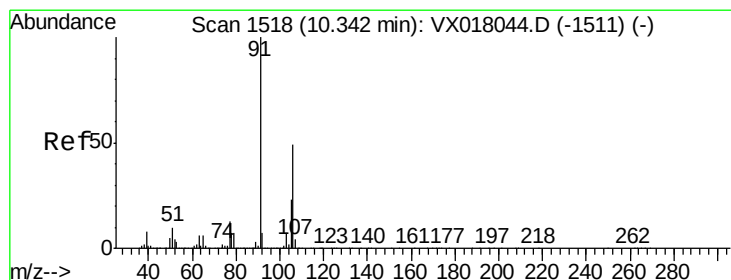
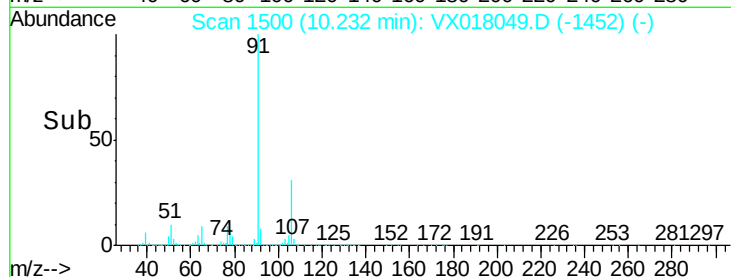
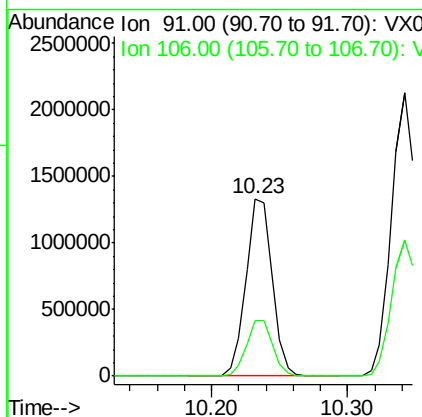
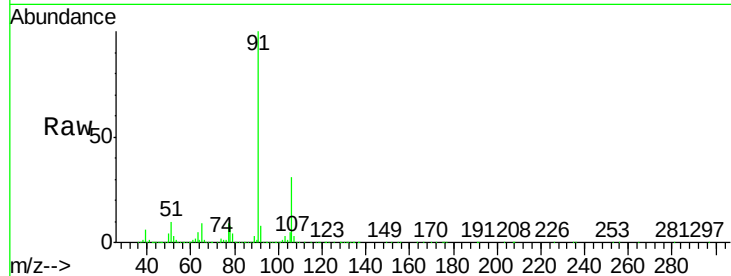
#67
Ethyl Benzene
Concen: 54.874 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1806449
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

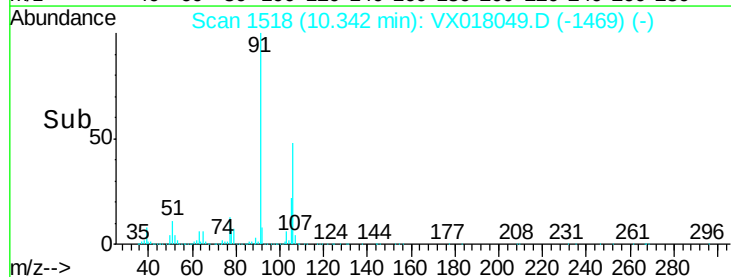
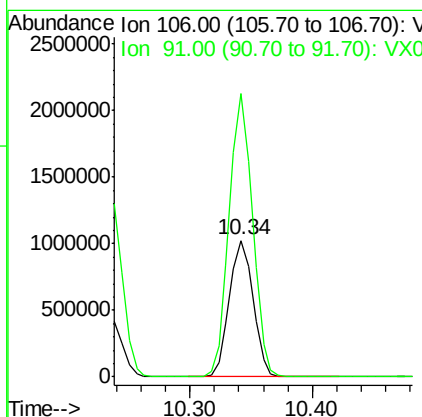
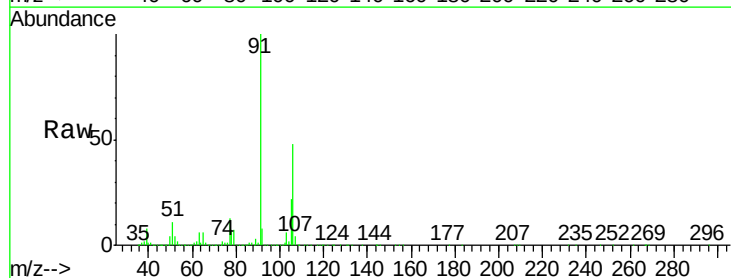
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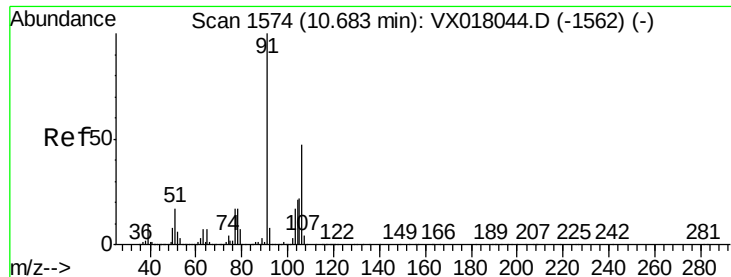
sam
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#68
m/p-Xylenes
Concen: 112.668 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion: 106 Resp: 1384394
Ion Ratio Lower Upper
106 100
91 203.5 162.2 243.2





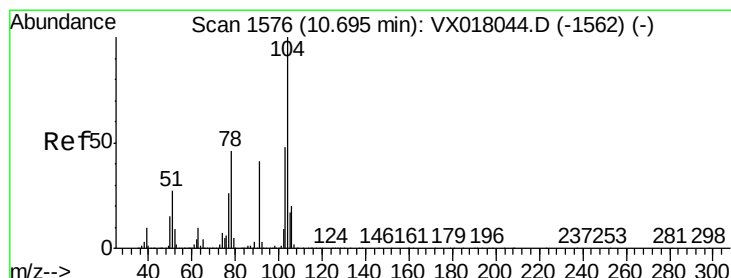
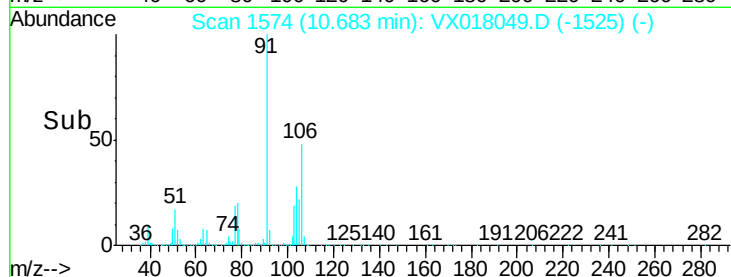
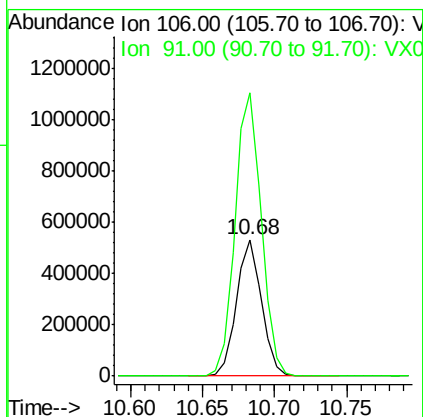
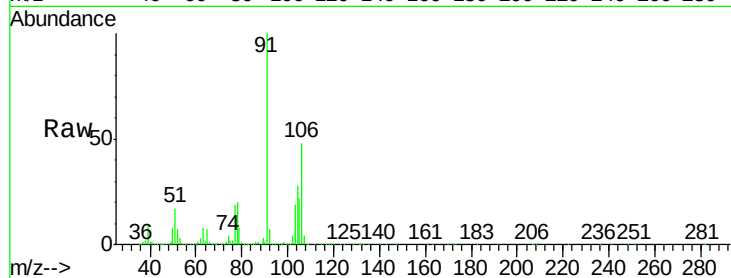
#69
o-Xylene
Concen: 54.451 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.1	107.1	321.3

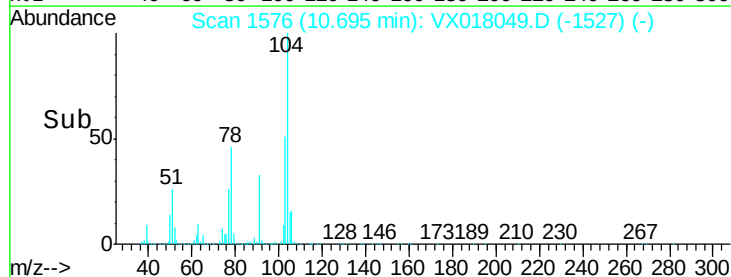
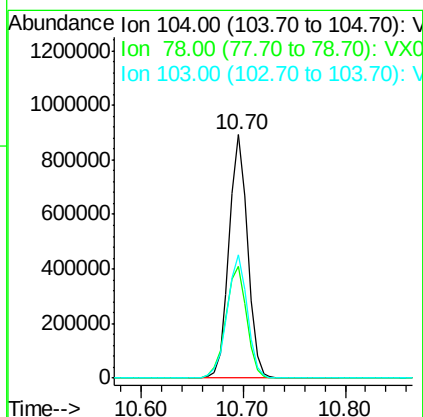
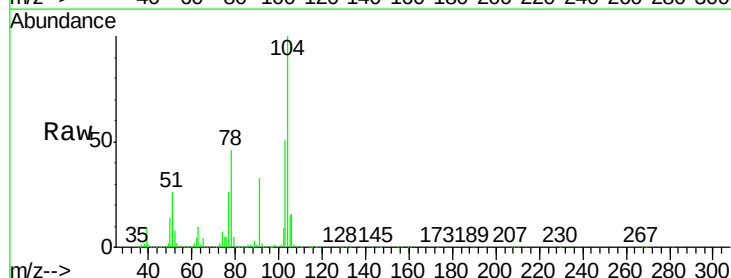
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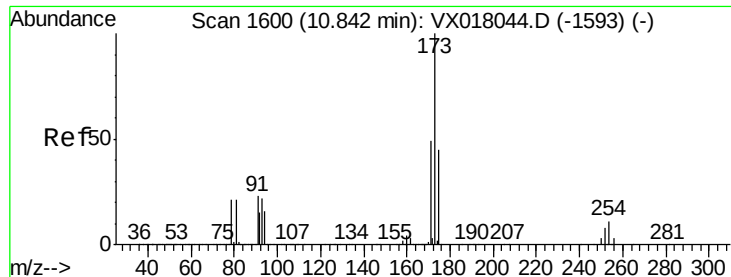
sam
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#70
Styrene
Concen: 55.155 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.5	40.9	61.3
103	55.1	43.6	65.4





#71

Bromoform

Concen: 52.321 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

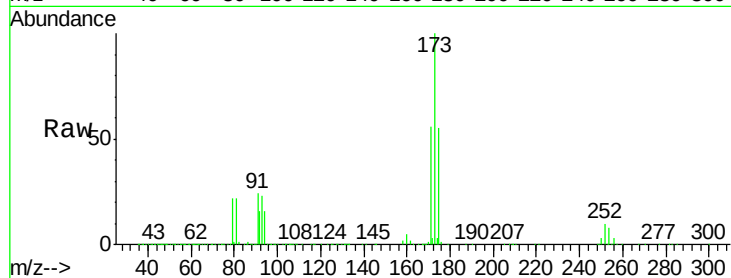
ClientSampleId :

VSTDCCC050

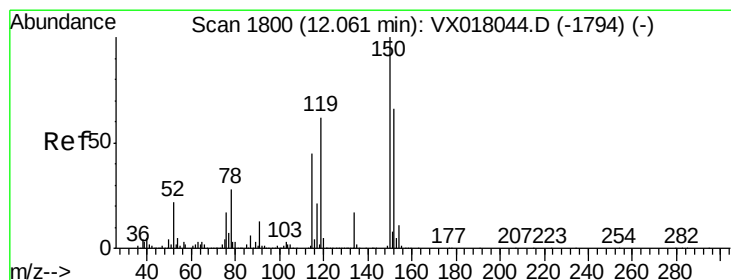
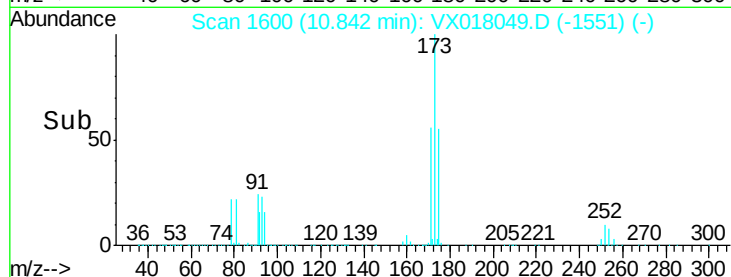
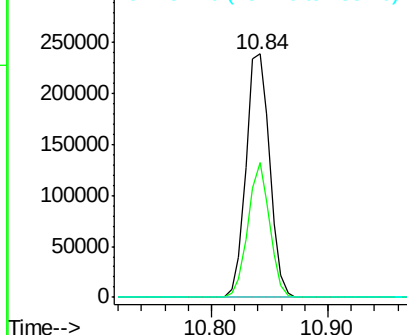
Tot Ion:	173	Resp:	340497
Ion Ratio	Lower	Upper	
173	100		
175	50.4	23.9	71.8
254	0.2	0.2	0.2

Manual Integrations
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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

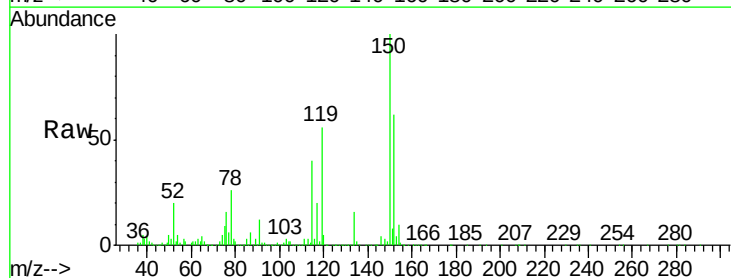
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

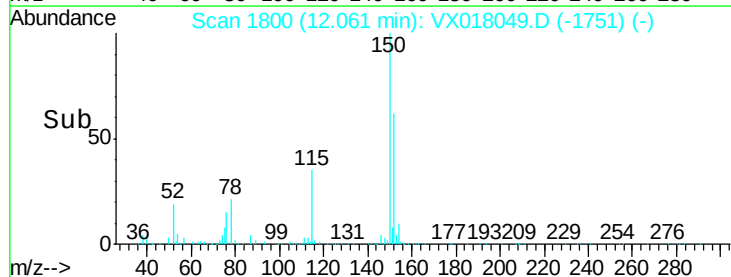
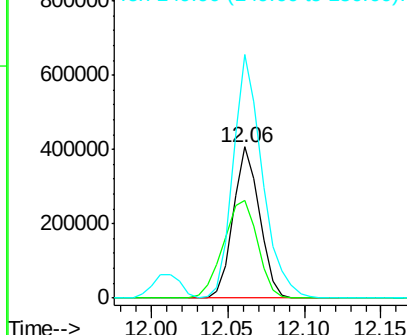
Lab File: VX018049.D

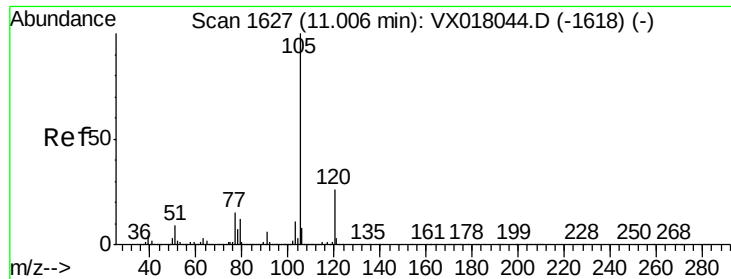
Acq: 21 Aug 2020 10:30

Tgt Ion:	152	Resp:	484383
Ion Ratio	Lower	Upper	
152	100		
115	83.6	41.5	124.5
150	178.5	0.0	343.8



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: 56.791 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1814490

Ion Ratio Lower Upper

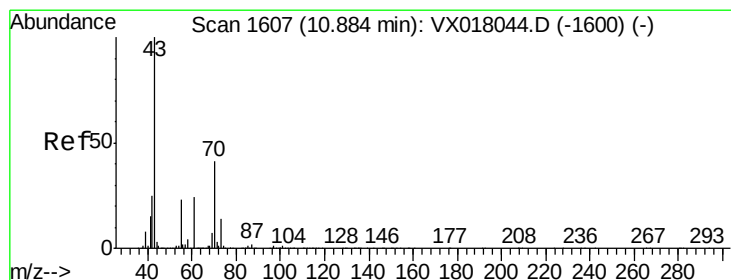
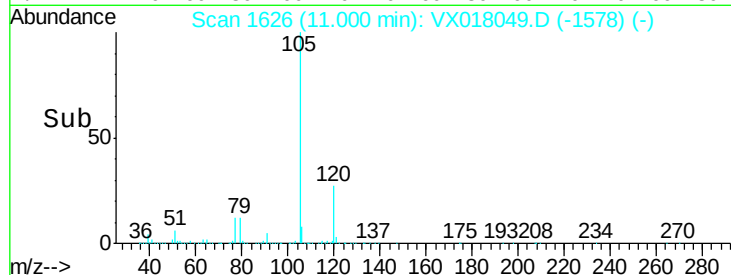
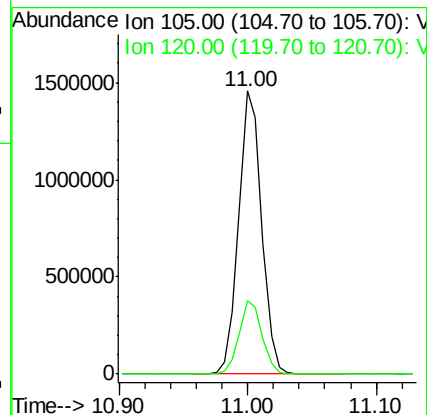
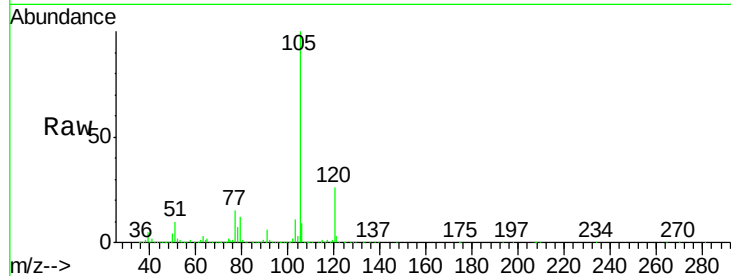
105 100

120 26.0 13.2 39.5

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#74

N-ethyl acetate

Concen: 54.566 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion: 43 Resp: 827189

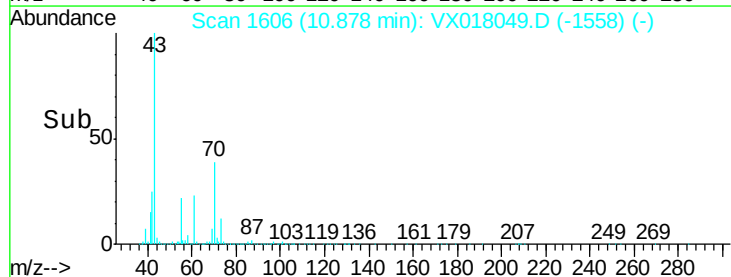
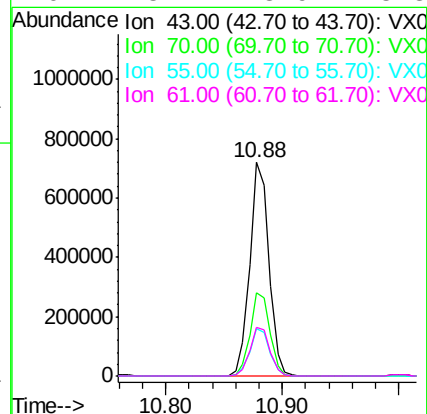
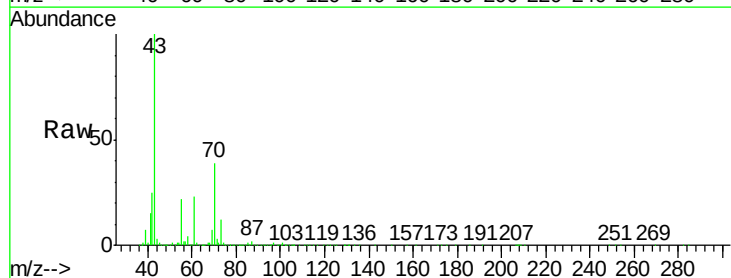
Ion Ratio Lower Upper

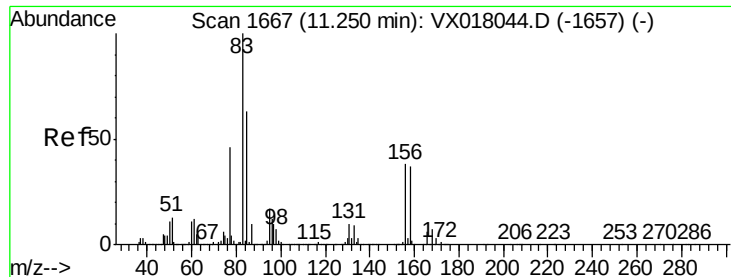
43 100

70 40.1 32.3 48.5

55 23.0 18.2 27.2

61 23.7 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.961 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

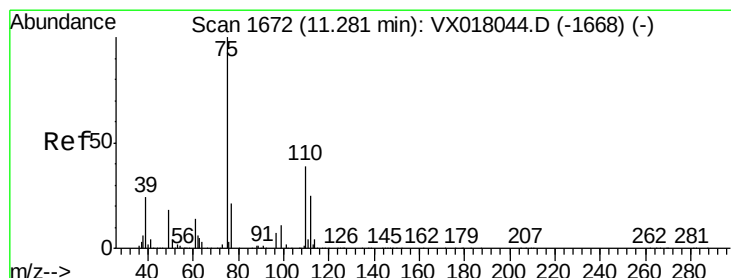
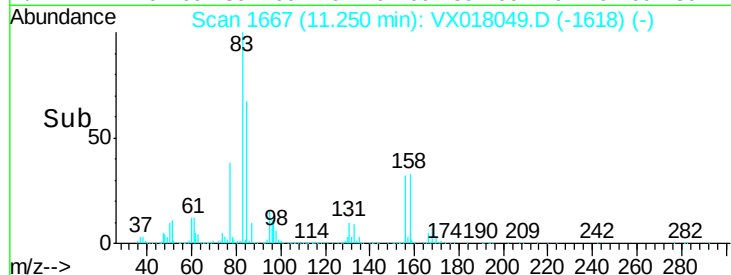
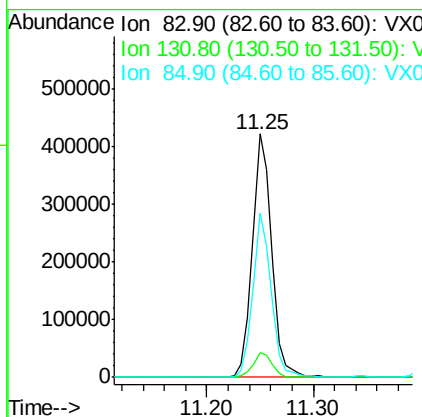
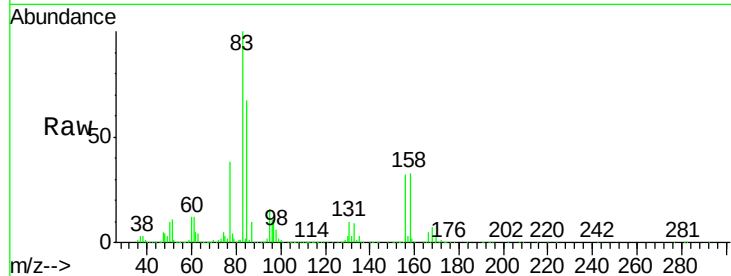
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	540570
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.4
85	64.3	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.846 ug/l m

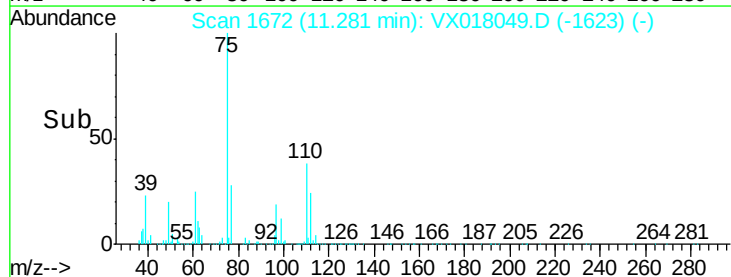
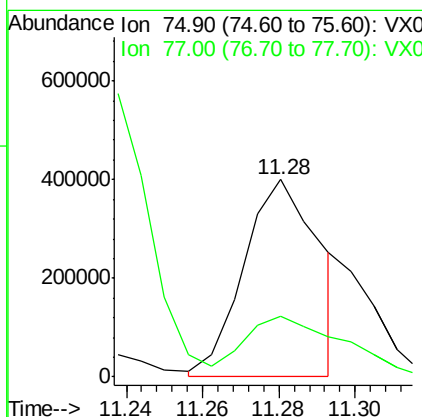
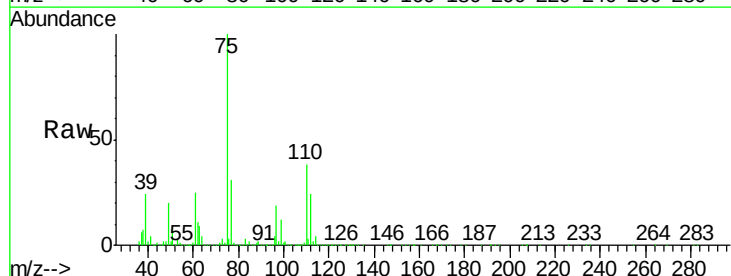
RT: 11.28 min Scan# 1672

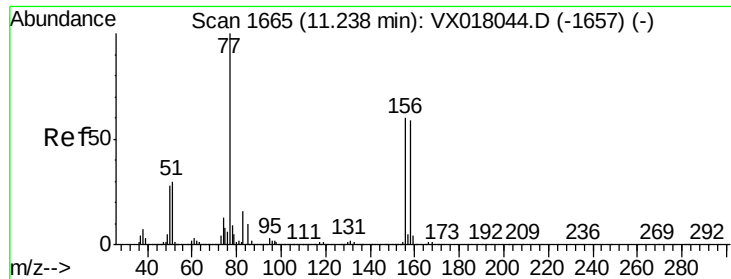
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	75	Resp:	547878
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.8	62.2





#77

Bromobenzene

Concen: 51.944 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

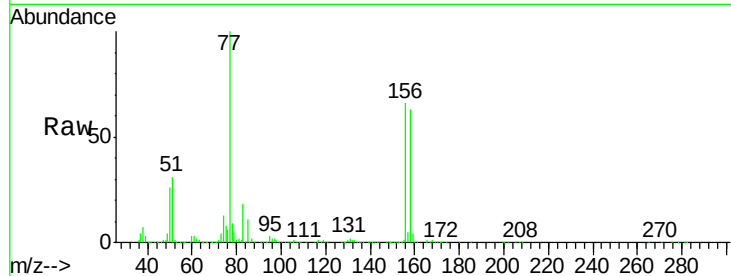
ClientSampleId :

VSTDCCC050

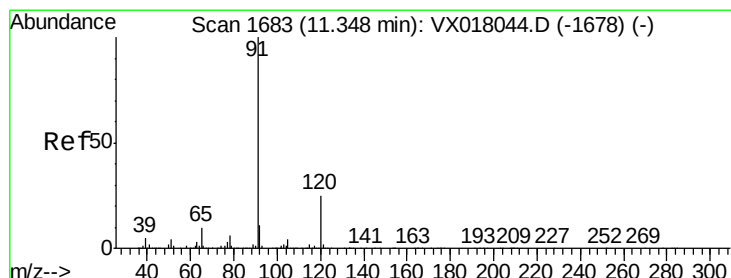
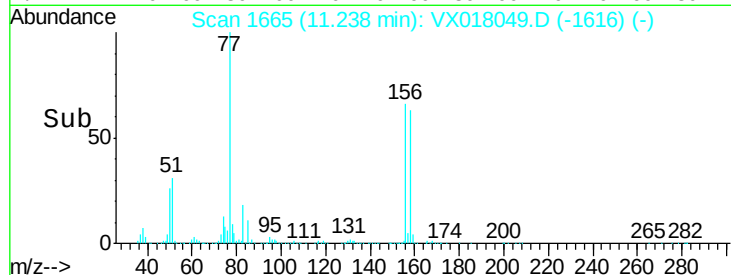
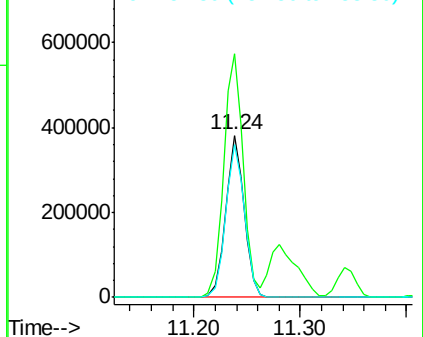
Tot Ion:	156	Resp:	458755
Ion Ratio	Lower	Upper	
156	100		
77	159.0	80.0	240.2
158	97.1	49.5	148.7

Manual Integrations
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Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VX0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.656 ug/l

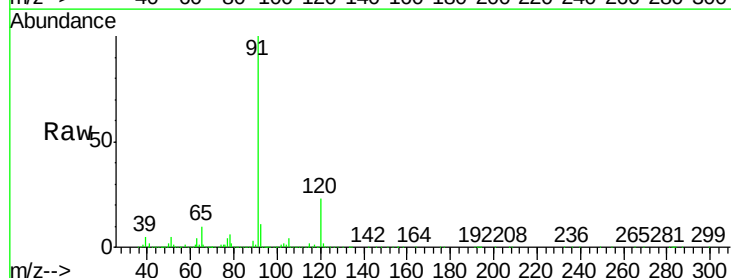
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

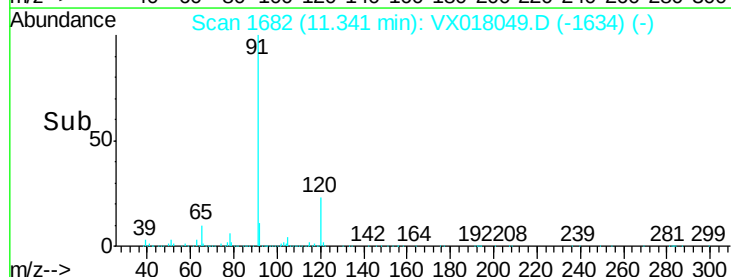
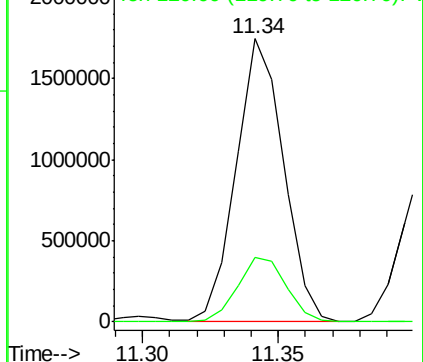
Lab File: VX018049.D

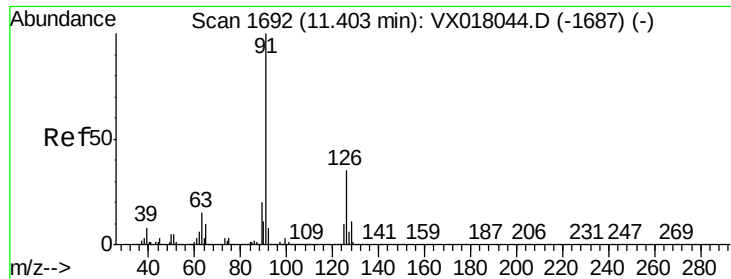
Acq: 21 Aug 2020 10:30

Tgt Ion:	91	Resp:	2091652
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.9	35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.470 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1220862

Ion Ratio Lower Upper

91 100

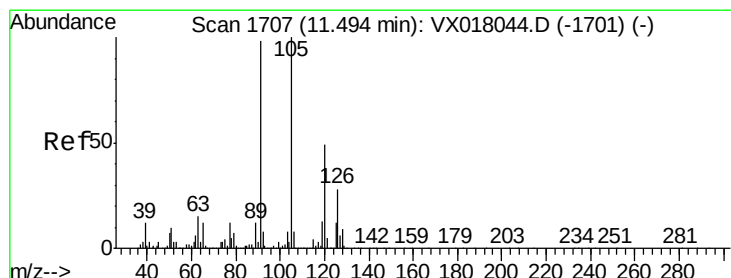
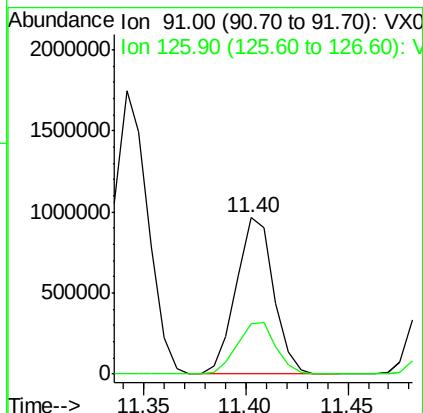
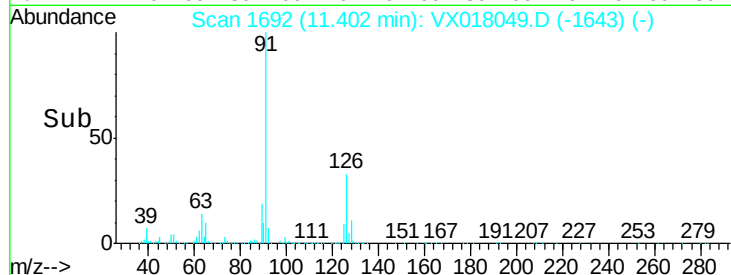
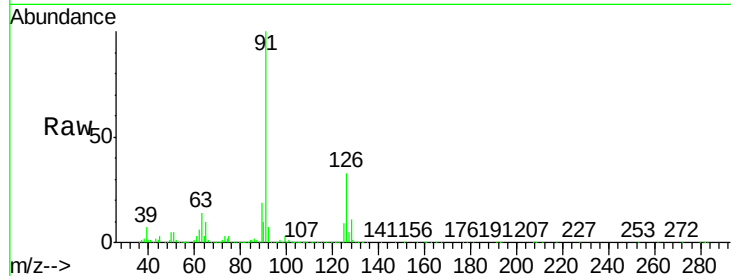
126 34.4 17.4 52.2

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.132 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018049.D

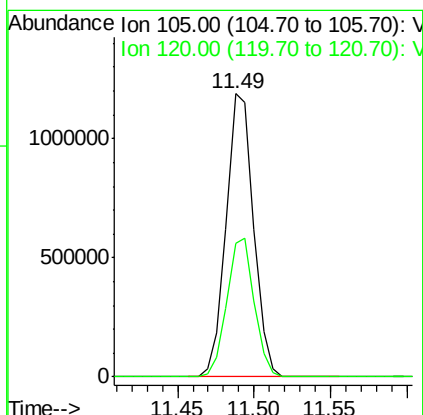
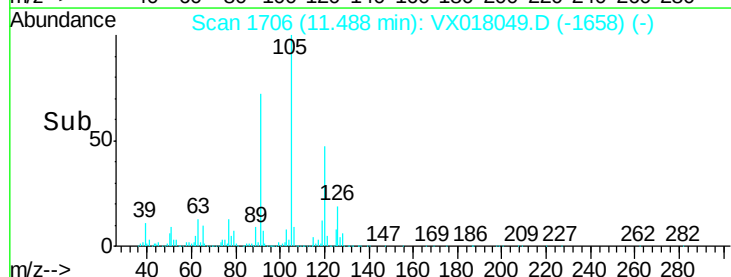
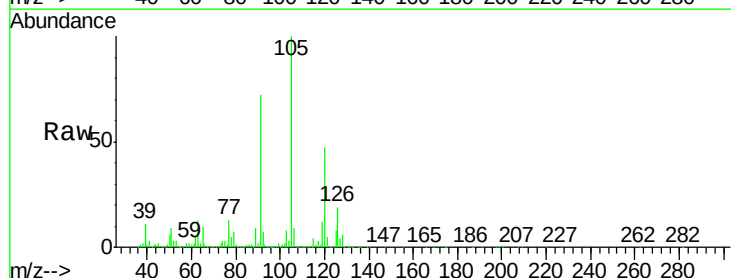
Acq: 21 Aug 2020 10:30

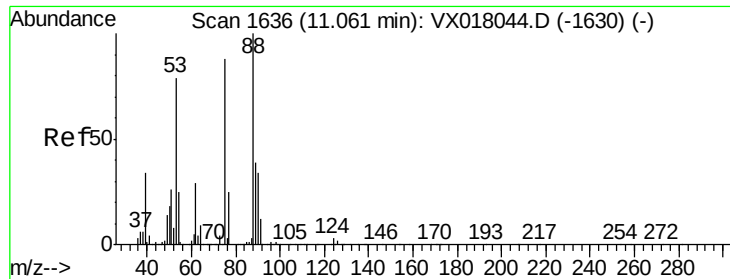
Tgt Ion: 105 Resp: 1473777

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 53.002 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

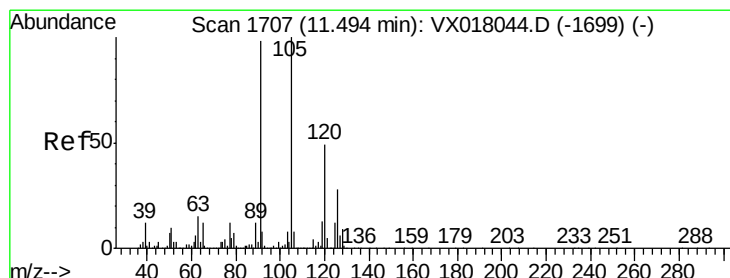
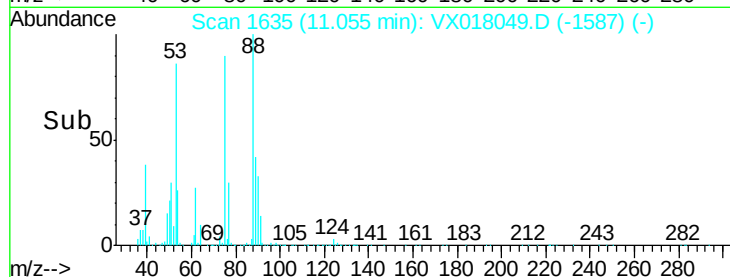
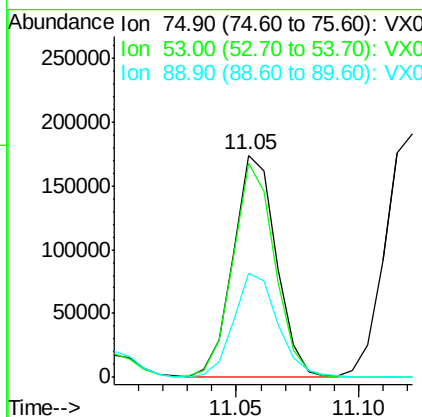
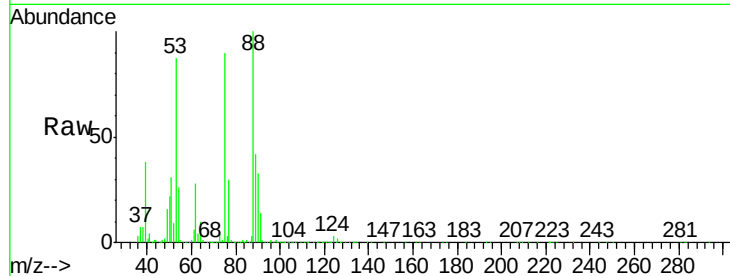
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	211458
Ion Ratio	Lower	Upper	
75	100		
53	94.4	74.7	112.1
89	48.6	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.207 ug/l

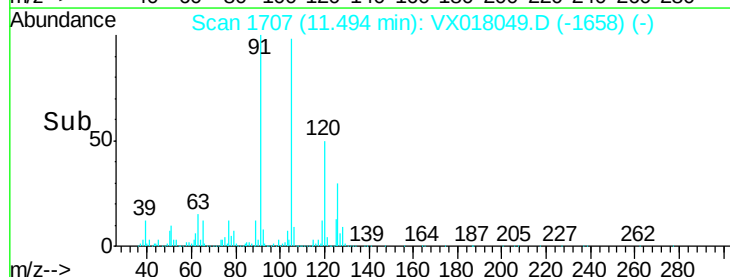
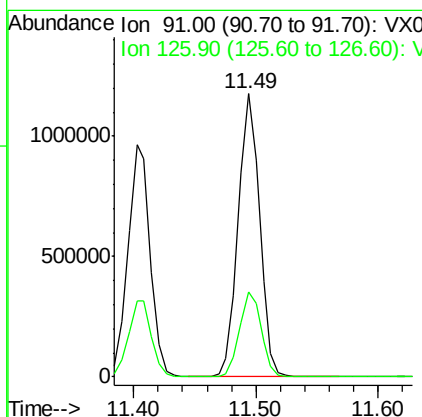
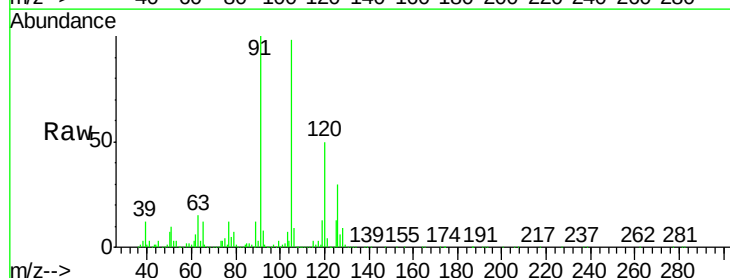
RT: 11.49 min Scan# 1707

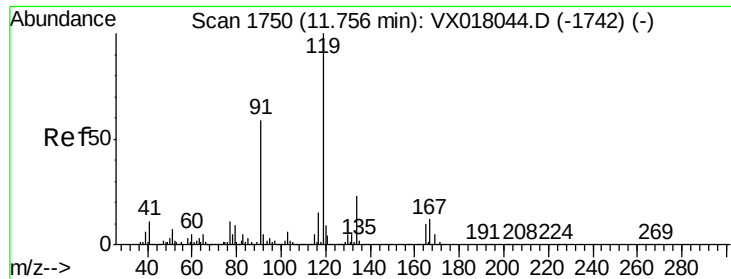
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	91	Resp:	1417704
Ion Ratio	Lower	Upper	
91	100		
126	30.5	15.1	45.3





#83

tert-Butylbenzene

Concen: 54.854 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Instrument :

MSVOA_X

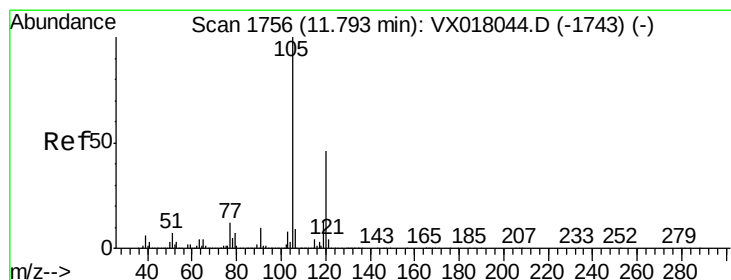
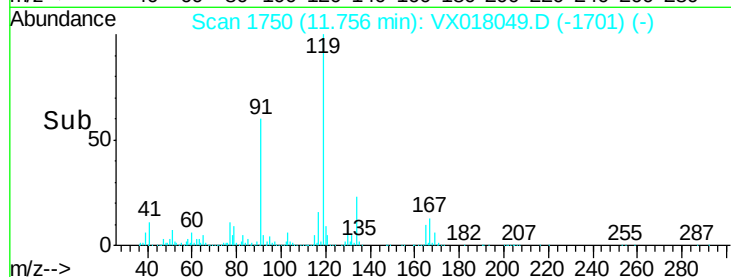
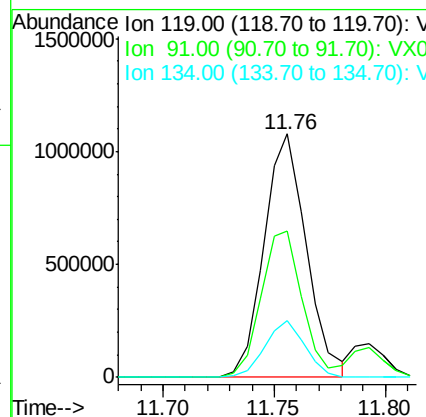
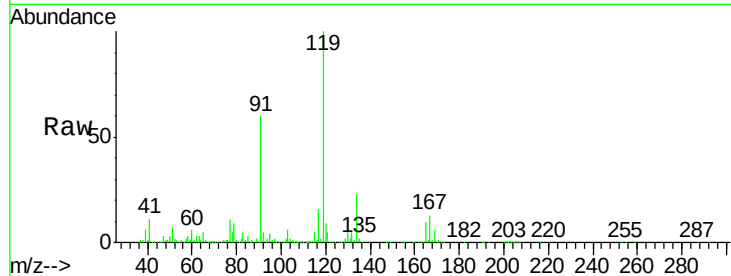
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	1421302
Ion	Ratio	Lower	Upper
119	100		
91	58.2	28.2	84.7
134	21.9	11.3	33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 55.863 ug/l

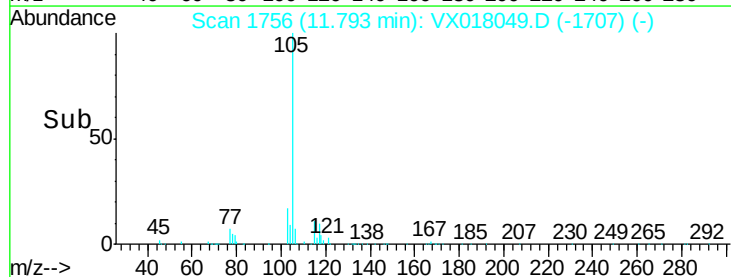
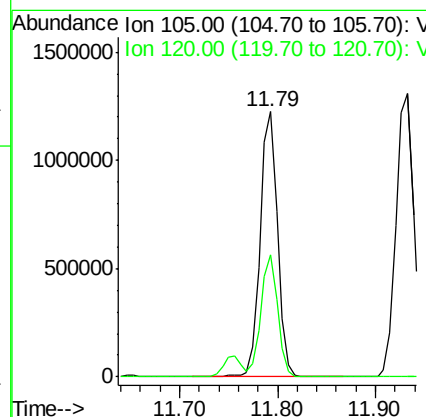
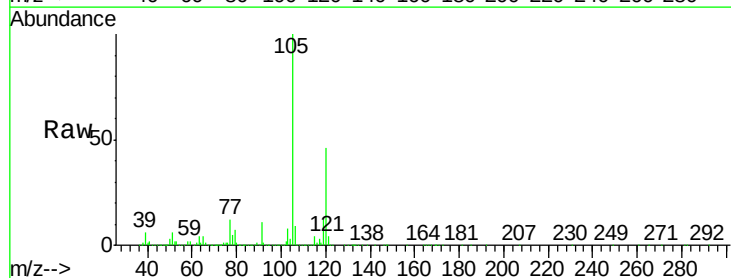
RT: 11.79 min Scan# 1756

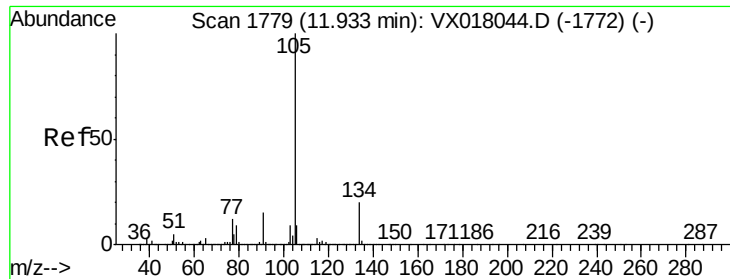
Delta R.T. -0.00 min

Lab File: VX018049.D

Acq: 21 Aug 2020 10:30

Tgt Ion:	105	Resp:	1499535
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





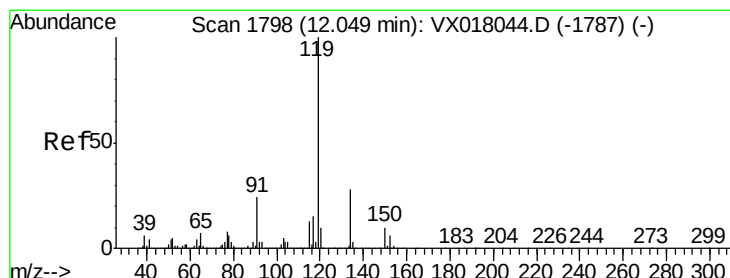
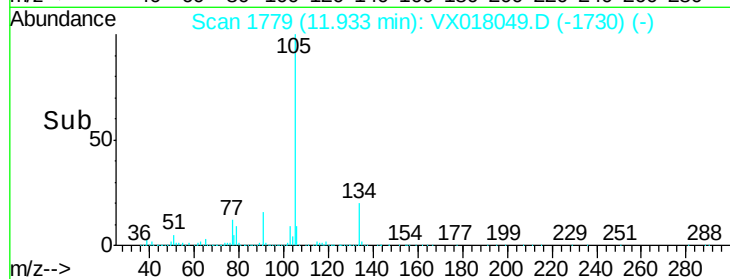
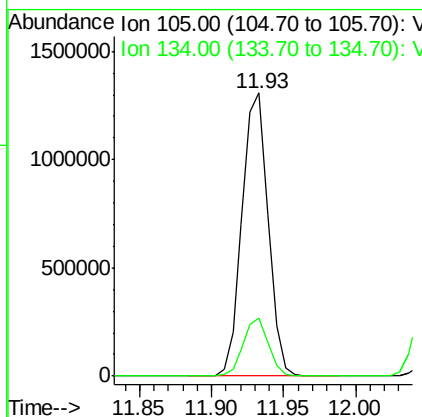
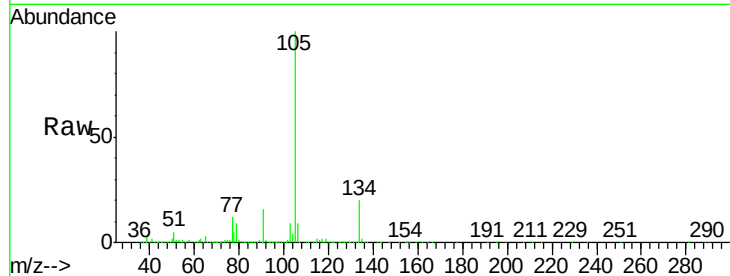
#85
 sec-Butylbenzene
 Concen: 55.806 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1644352
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.3

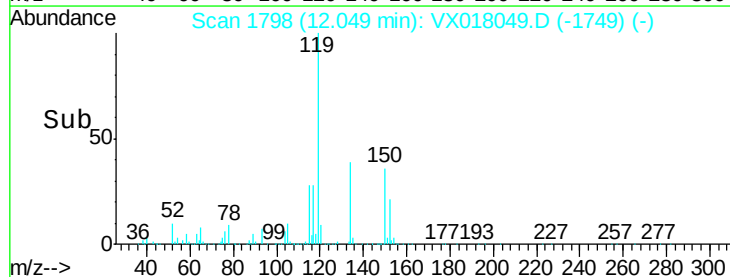
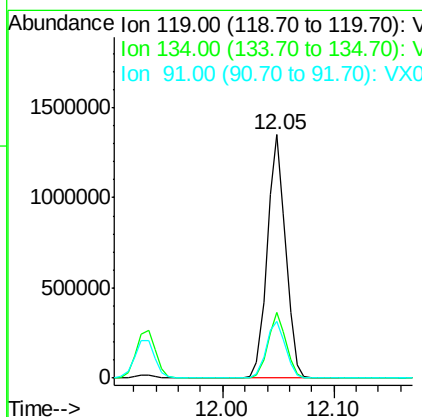
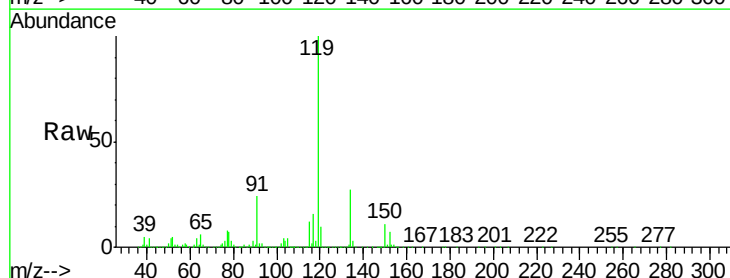
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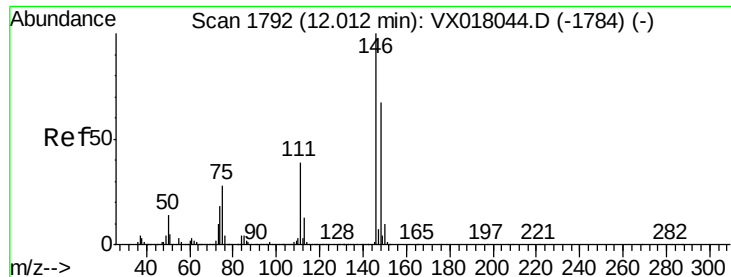
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#86
 p-Isopropyltoluene
 Concen: 57.490 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion:119 Resp: 1556009
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.5
 91 24.4 11.8 35.4





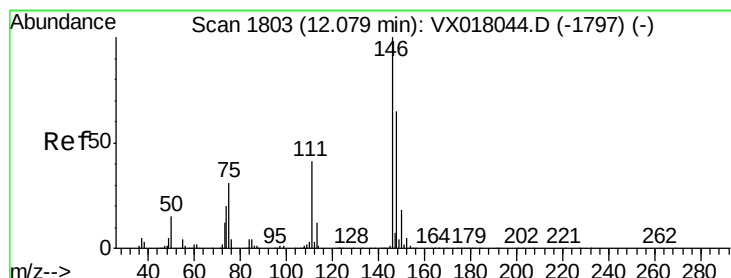
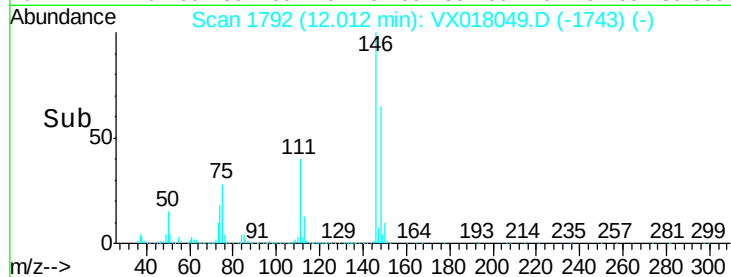
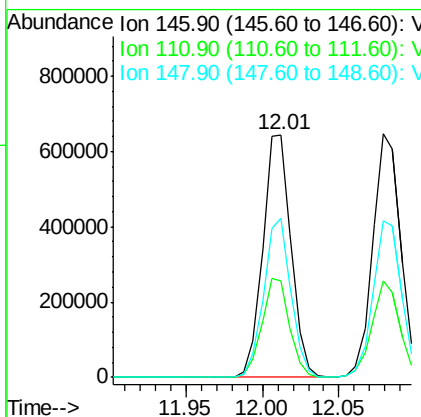
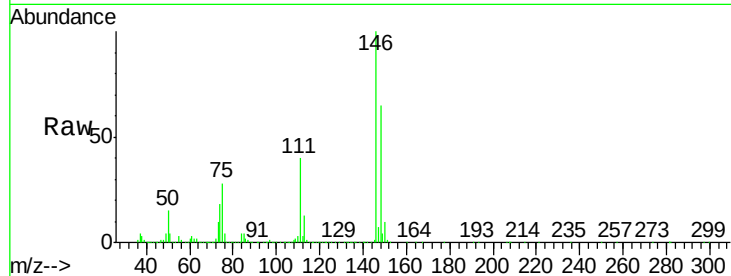
#87
 1,3-Dichlorobenzene
 Concen: 53.554 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.6	61.8
148	63.3	33.1	99.2

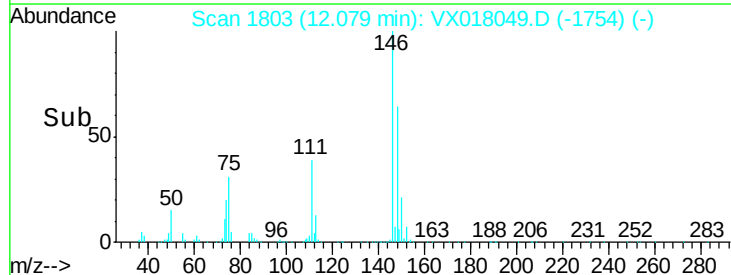
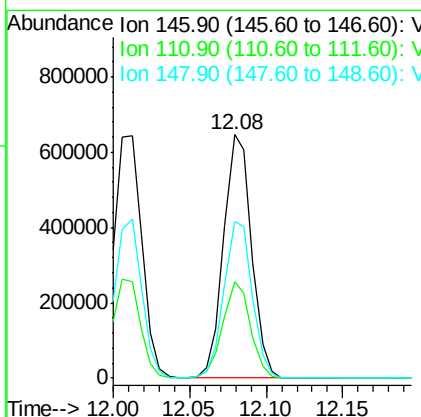
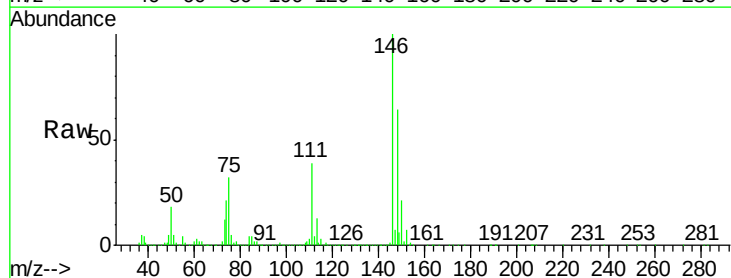
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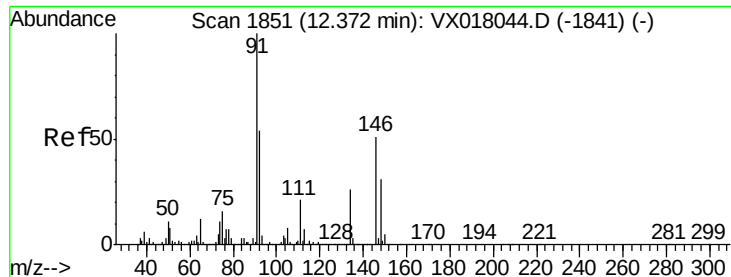
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#88
 1,4-Dichlorobenzene
 Concen: 52.694 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	20.3	60.8
148	65.1	33.1	99.2





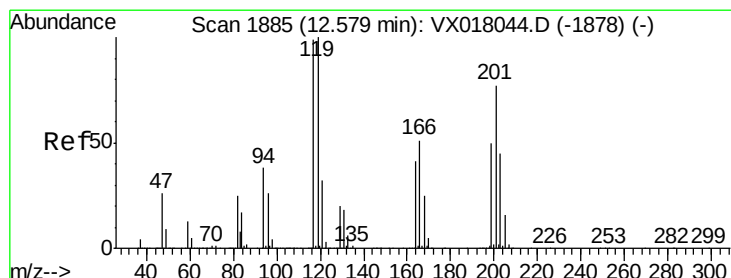
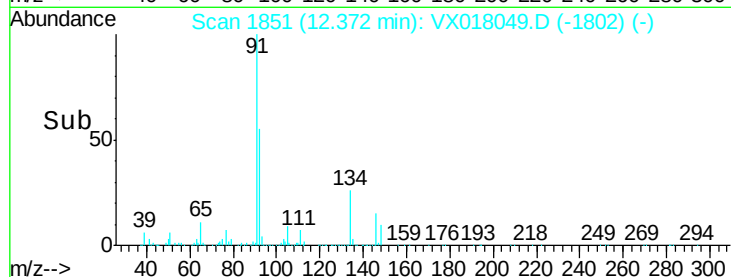
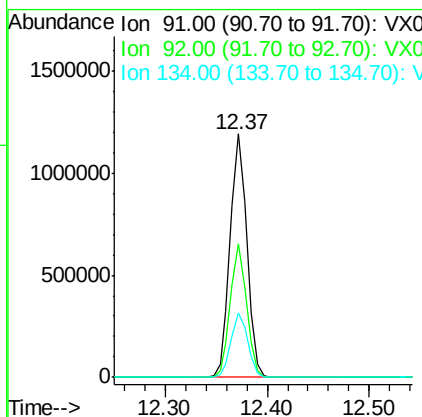
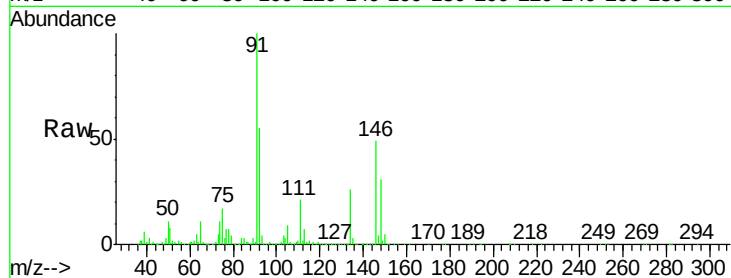
#89
n-Butylbenzene
Concen: 54.486 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	91	Resp	1345998
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.2
134	26.5	12.9	38.7

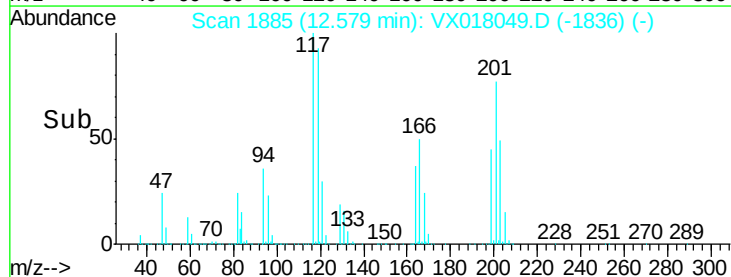
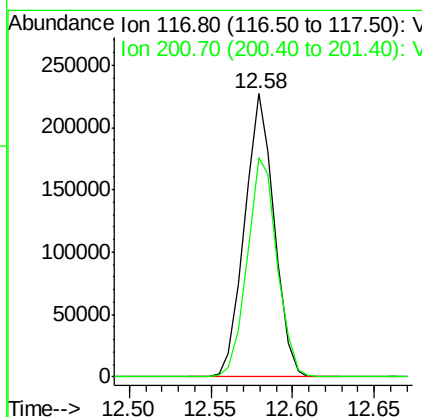
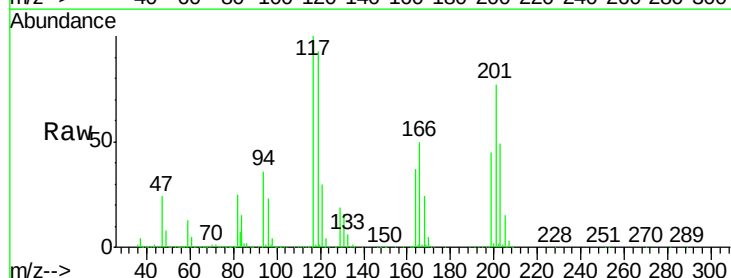
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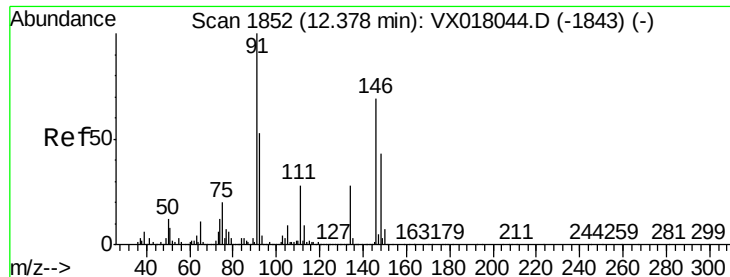
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#90
Hexachloroethane
Concen: 53.922 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	117	Resp	287141
Ion	Ratio	Lower	Upper
117	100		
201	78.3	38.5	115.3





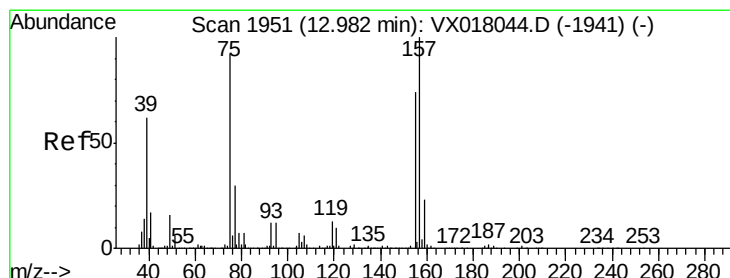
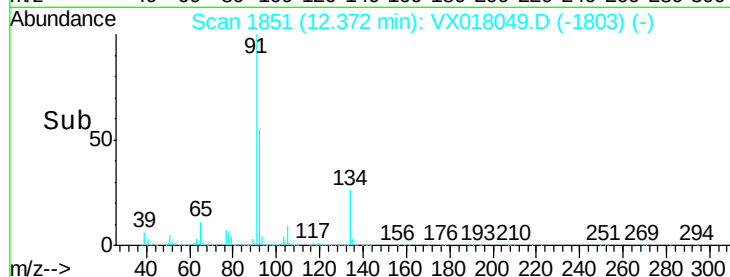
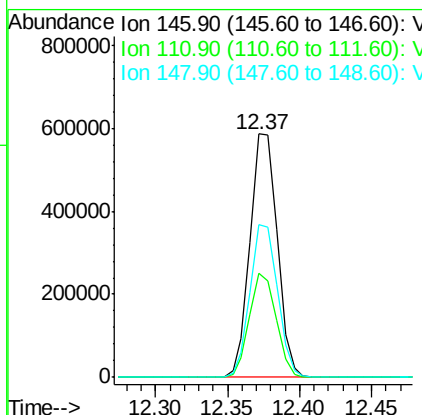
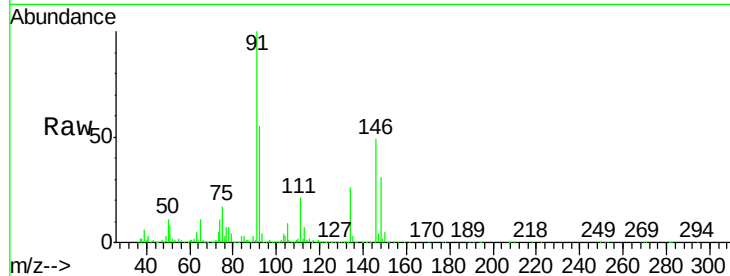
#91
 1,2-Dichlorobenzene
 Concen: 52.493 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	766191		
111	42.4	20.8	62.5	
148	63.6	31.6	95.0	

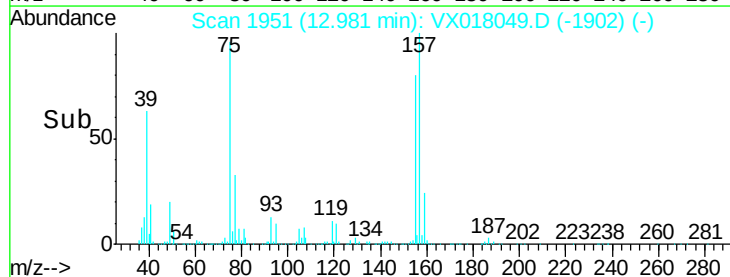
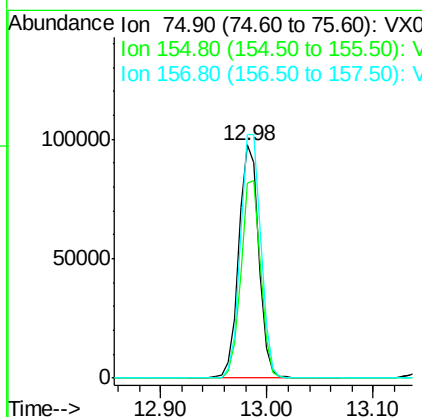
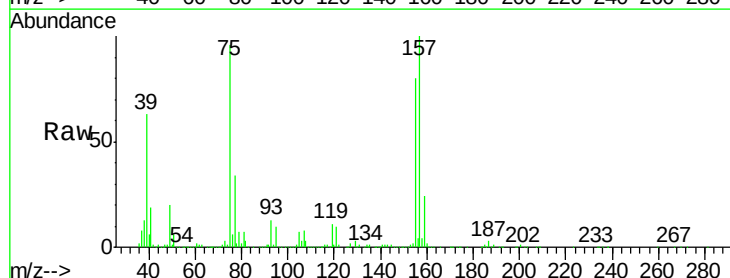
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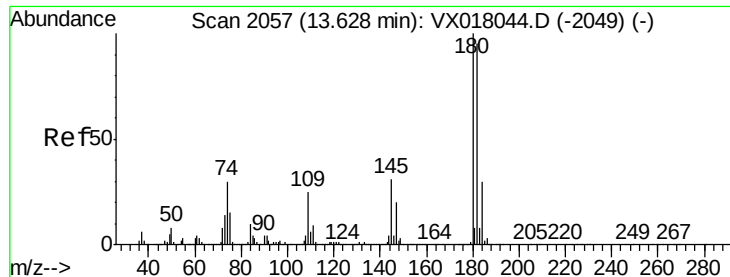
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.980 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	129581		
155	83.0	40.2	120.6	
157	106.1	55.0	165.2	





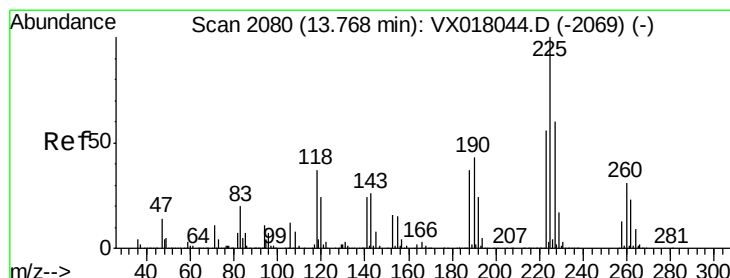
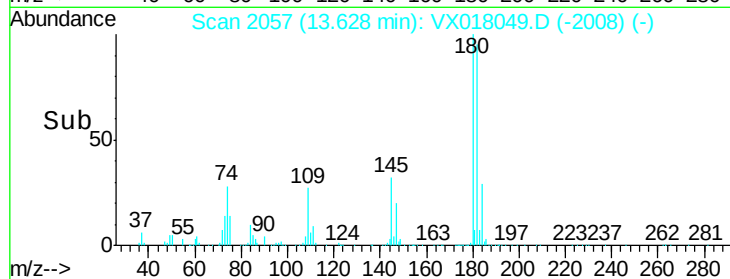
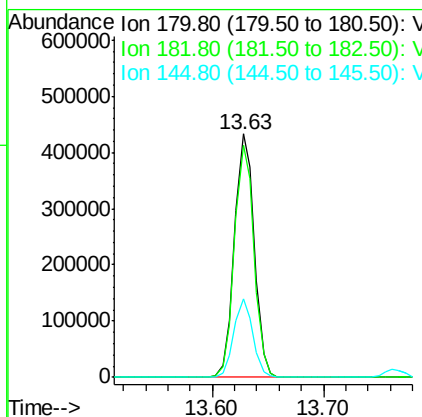
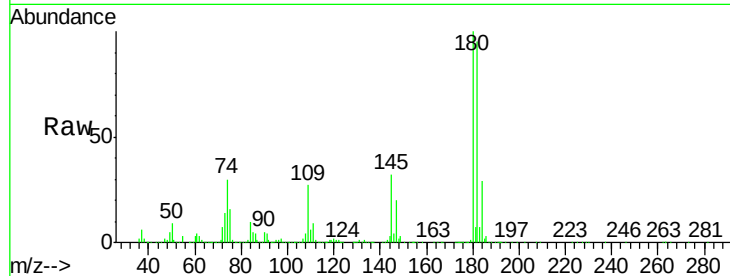
#93
 1,2,4-Trichlorobenzene
 Concen: 54.601 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:	180	Resp:	531436
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.5	142.6
145	31.2	15.7	47.1

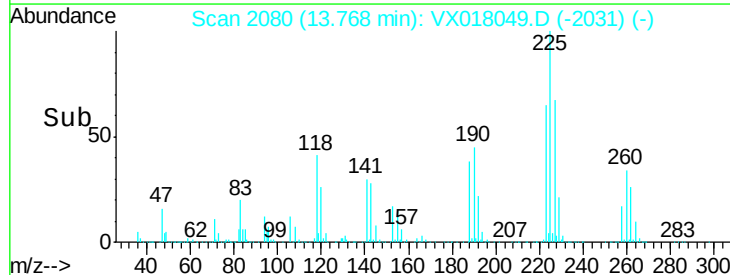
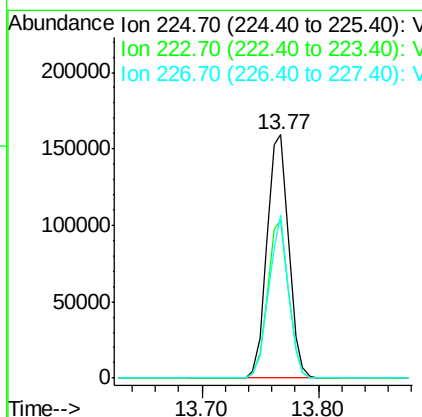
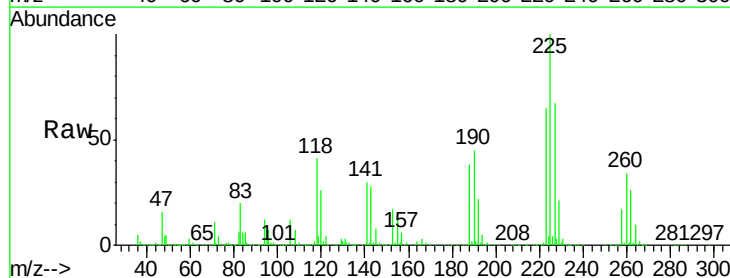
Manual Integrations
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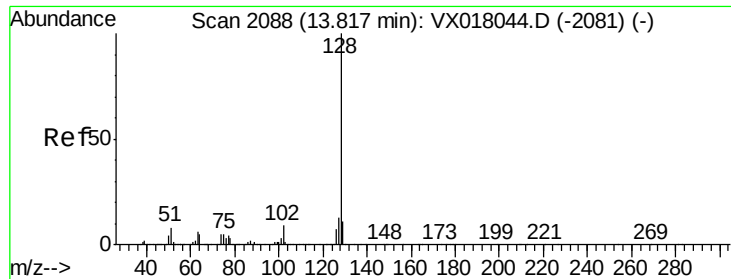
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#94
 Hexachlorobutadiene
 Concen: 53.220 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018049.D
 Acq: 21 Aug 2020 10:30

Tgt Ion:	225	Resp:	204317
Ion Ratio	Lower	Upper	
225	100		
223	63.1	30.7	92.1
227	60.7	32.6	97.8





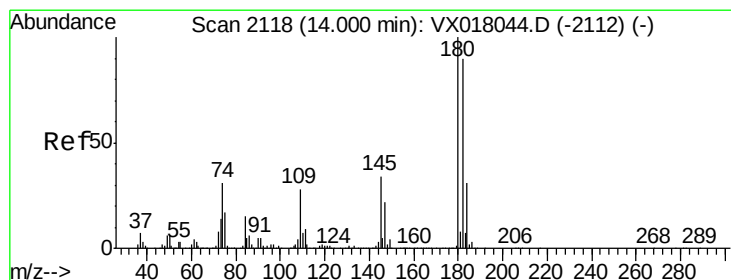
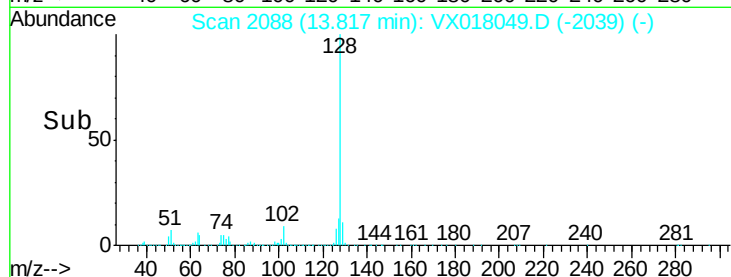
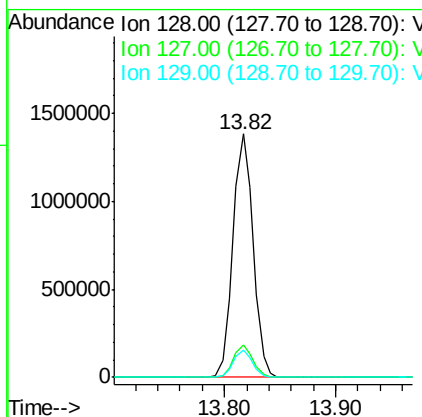
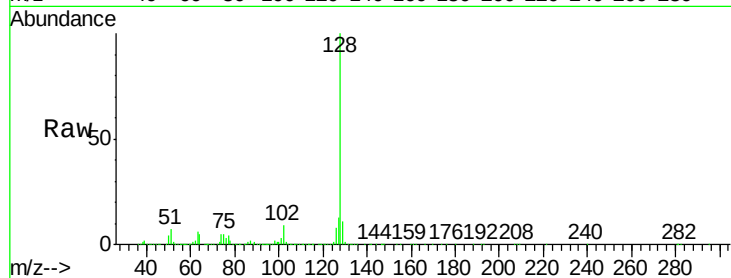
#95
Naphthalene
Concen: 53.902 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

sam
8/24/2020 5:50:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.609 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018049.D
Acq: 21 Aug 2020 10:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	142.0
145	31.5	17.5	52.6

