

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016813.D
 Acq On : 17 Jun 2020 12:39
 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

MMDadoda
 6/18/2020 9:36:49 AM

Quant Time: Jun 18 01:06:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	326233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	556420	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	514671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241482	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	163646	44.60	ug/l	0.00
Spiked Amount			Recovery	=	89.20%	
35) Dibromofluoromethane	5.46	113	139501	40.64	ug/l	0.00
Spiked Amount			Recovery	=	81.28%	
50) Toluene-d8	8.70	98	619382	48.93	ug/l	0.00
Spiked Amount			Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.12	95	222184	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	211860	57.461	ug/l	99
3) Chloromethane	1.31	50	202795	56.945	ug/l	99
4) Vinyl Chloride	1.39	62	221212	58.214	ug/l	97
5) Bromomethane	1.62	94	122540	51.925	ug/l	100
6) Chloroethane	1.70	64	137325	58.667	ug/l	99
7) Trichlorofluoromethane	1.91	101	305834	55.881	ug/l	98
8) Diethyl Ether	2.17	74	122179	54.668	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	171049	61.431	ug/l	97
10) Methyl Iodide	2.49	142	164116	47.157	ug/l	97
11) Tert butyl alcohol	3.01	59	200286	217.266	ug/l	100
12) 1,1-Dichloroethene	2.36	96	172623	54.138	ug/l	99
13) Acrolein	2.27	56	104081	265.025	ug/l	99
14) Allyl chloride	2.70	41	242096	48.546	ug/l	97
15) Acrylonitrile	3.11	53	440415	235.442	ug/l	100
16) Acetone	2.42	43	431750	259.387	ug/l	99
17) Carbon Disulfide	2.55	76	418525	45.831	ug/l	99
18) Methyl Acetate	2.75	43	219111	49.318	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	507864	46.733	ug/l	98
20) Methylene Chloride	2.83	84	165811	46.247	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	159507	46.552	ug/l	97
22) Diisopropyl ether	3.82	45	460399	49.150	ug/l	97
23) Vinyl Acetate	3.78	43	1970866	243.427	ug/l	99
24) 1,1-Dichloroethane	3.67	63	273712	46.719	ug/l	99
25) 2-Butanone	4.63	43	585534	233.413	ug/l	97
26) 2,2-Dichloropropane	4.54	77	256580	47.297	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	182795	46.675	ug/l	100
28) Bromochloromethane	4.98	49	116230	46.506	ug/l	99
29) Tetrahydrofuran	5.08	42	384409	236.547	ug/l	99
30) Chloroform	5.17	83	286960	46.297	ug/l	98
31) Cyclohexane	5.55	56	250112	52.974	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	265808	47.260	ug/l	100
36) 1,1-Dichloropropene	5.76	75	220192	44.780	ug/l	100
37) Ethyl Acetate	4.79	43	227753	42.294	ug/l	99
38) Carbon Tetrachloride	5.75	117	238497	42.707	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	302585	53.008	ug/l	96
40) Benzene	6.11	78	654453	43.714	ug/l	100
41) Methacrylonitrile	5.00	41	125775	43.805	ug/l	96
42) 1,2-Dichloroethane	6.16	62	219523	40.174	ug/l	98
43) Isopropyl Acetate	6.40	43	368494	43.662	ug/l	99
44) Trichloroethene	7.18	130	243773	52.639	ug/l	98
45) 1,2-Dichloropropane	7.49	63	193435	52.707	ug/l	99
46) Dibromomethane	7.63	93	131016	48.980	ug/l	97
47) Bromodichloromethane	7.87	83	271248	48.641	ug/l	97
48) Methyl methacrylate	7.74	41	209360	52.339	ug/l	97
49) 1,4-Dioxane	7.71	88	94393	953.549	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1374632	264.320	ug/l	100
52) Toluene	8.76	92	489794	50.366	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	318942	50.637	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	330997	50.380	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	193570	49.495	ug/l	98
56) Ethyl methacrylate	9.16	69	315514	53.884	ug/l	98
57) 1,3-Dichloropropane	9.35	76	327834	49.868	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	795511	276.308	ug/l	98
59) 2-Hexanone	9.47	43	1045900	260.517	ug/l	100
60) Dibromochloromethane	9.56	129	222257	48.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	209500	49.153	ug/l	99
64) Tetrachloroethene	9.32	164	273547	55.349	ug/l	98
65) Chlorobenzene	10.12	112	529332	50.687	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198246	47.586	ug/l	97
67) Ethyl Benzene	10.23	91	926022	52.452	ug/l	100
68) m/p-Xylenes	10.34	106	696489	104.050	ug/l	99
69) o-Xylene	10.68	106	343871	53.324	ug/l	100
70) Styrene	10.70	104	611635	54.865	ug/l	99
71) Bromoform	10.84	173	175641	49.413	ug/l #	98
73) Isopropylbenzene	11.00	105	901129	56.871	ug/l	100
74) N-amyl acetate	10.88	43	362314	58.832	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	224120	48.084	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	261185m	51.432	ug/l	
77) Bromobenzene	11.24	156	228962	51.177	ug/l	98
78) n-propylbenzene	11.34	91	997589	57.974	ug/l	98
79) 2-Chlorotoluene	11.40	91	579415	53.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	776989	58.497	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	106481	52.786	ug/l	93
82) 4-Chlorotoluene	11.49	91	728855	57.225	ug/l	100
83) tert-Butylbenzene	11.76	119	659381	54.253	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	749381	55.771	ug/l	99
85) sec-Butylbenzene	11.93	105	809322	56.928	ug/l	100
86) p-Isopropyltoluene	12.05	119	764662	56.057	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	400187	52.910	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	397245	50.645	ug/l	100
89) n-Butylbenzene	12.37	91	692648	61.511	ug/l	99
90) Hexachloroethane	12.58	117	134446	53.448	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	401586	53.093	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63279	48.548	ug/l	97

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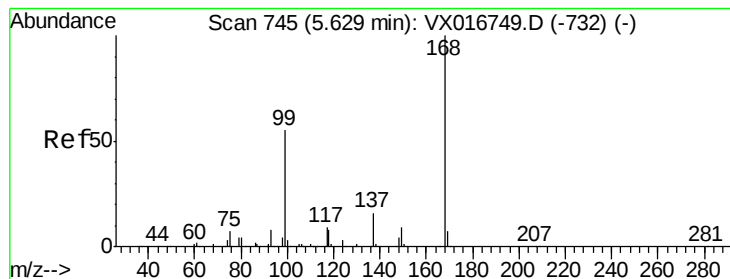
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	284559	53.721	ug/l	97
94) Hexachlorobutadiene	13.77	225	128253	54.982	ug/l	99
95) Naphthalene	13.82	128	872626	52.586	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	273412	52.442	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: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 326233

Ion Ratio Lower Upper

168 100

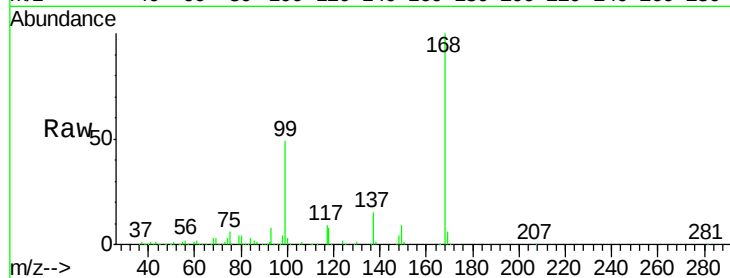
99 49.4 43.8 65.6

Manual Integrations

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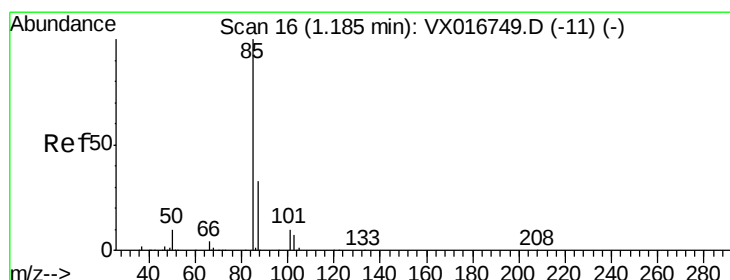
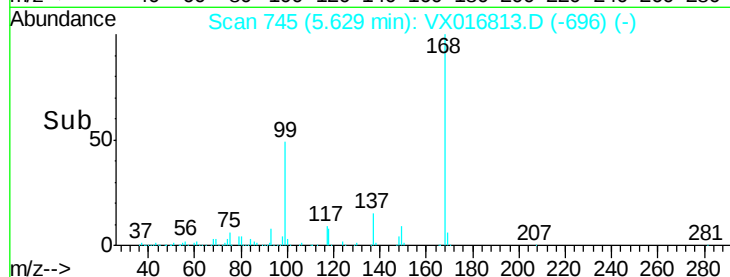
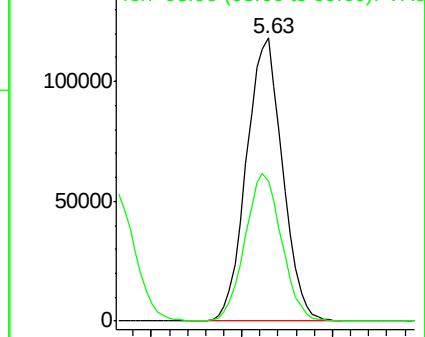
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 57.461 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016813.D

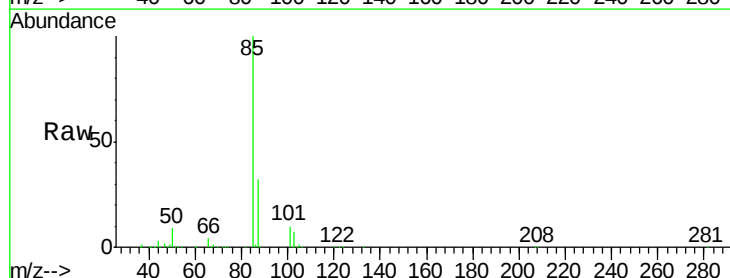
Acq: 17 Jun 2020 12:39

Tgt Ion: 85 Resp: 211860

Ion Ratio Lower Upper

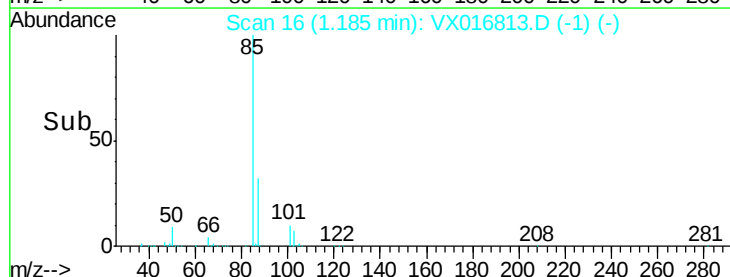
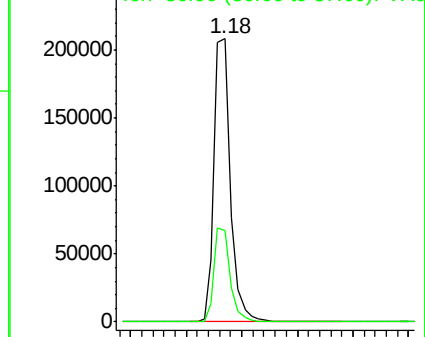
85 100

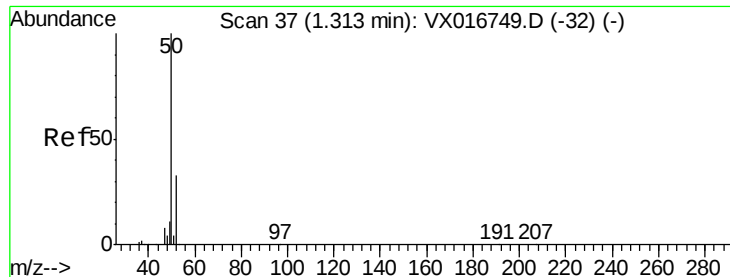
87 32.3 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 56.945 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 202795

Ion Ratio Lower Upper

50 100

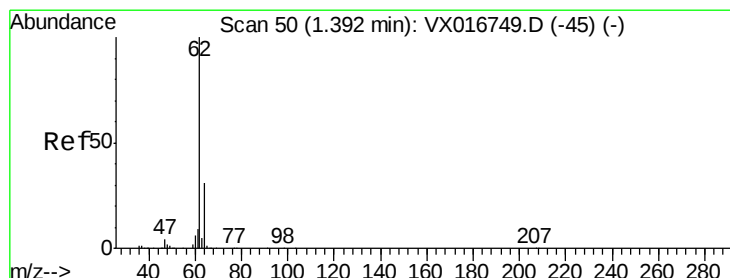
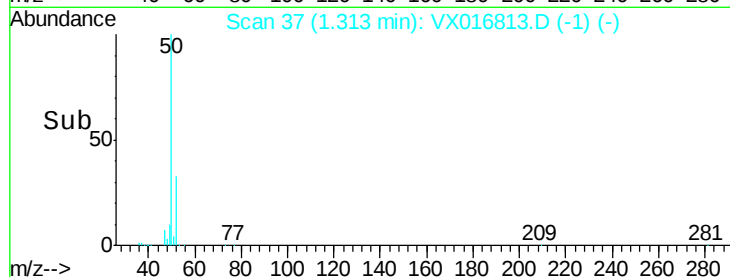
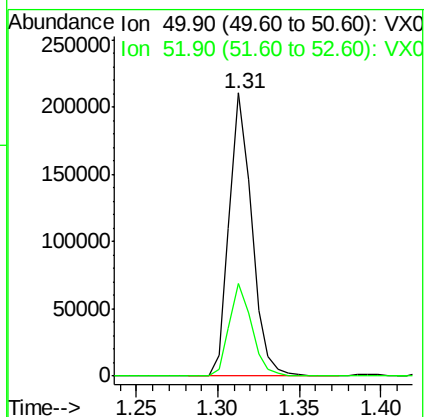
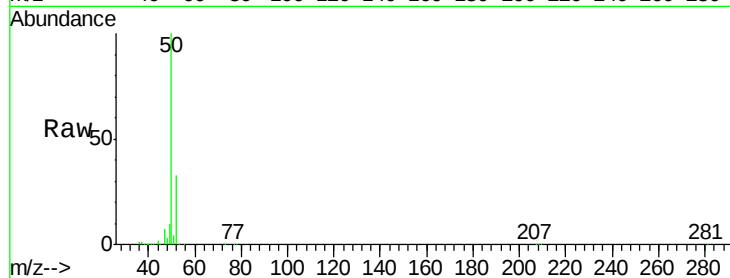
52 32.7 26.5 39.7

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#4

Vinyl Chloride

Concen: 58.214 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016813.D

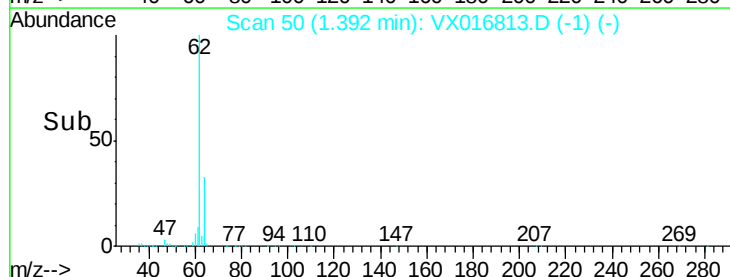
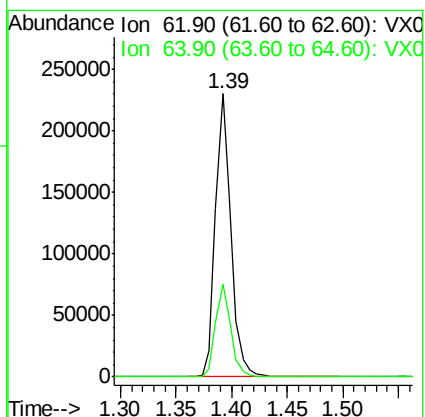
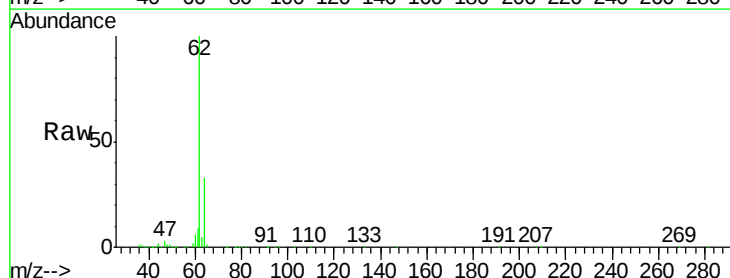
Acq: 17 Jun 2020 12:39

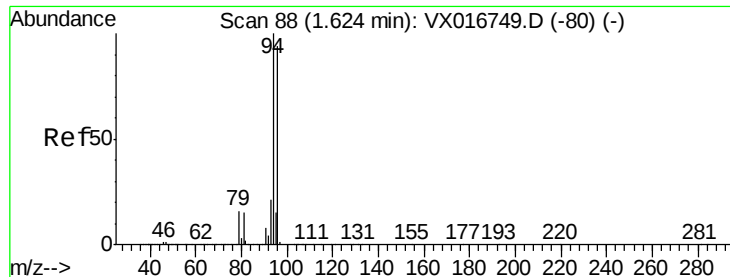
Tgt Ion: 62 Resp: 221212

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 51.925 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 122540

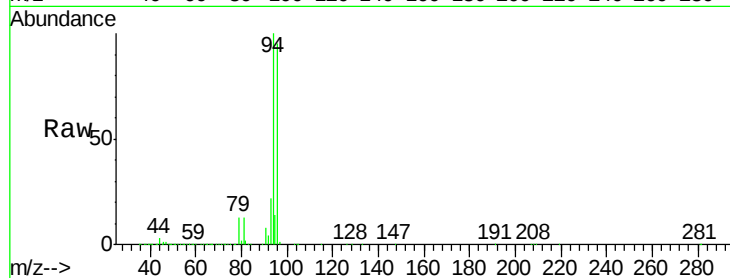
Ion Ratio Lower Upper

94 100

96 94.6 75.4 113.0

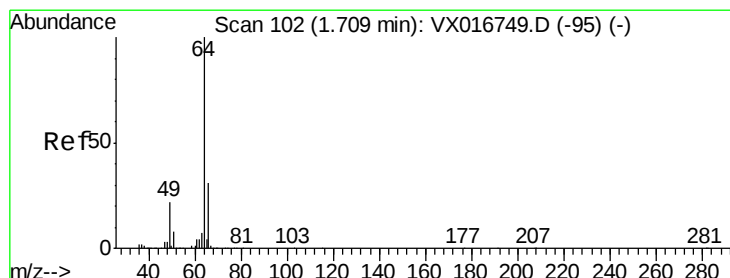
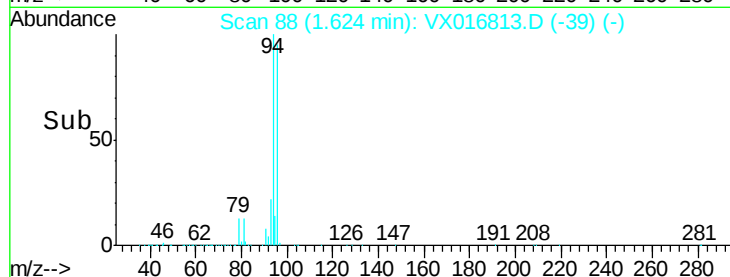
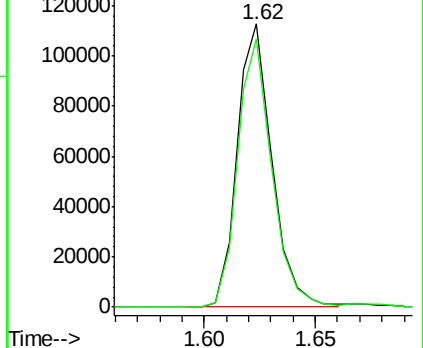
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 58.667 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX016813.D

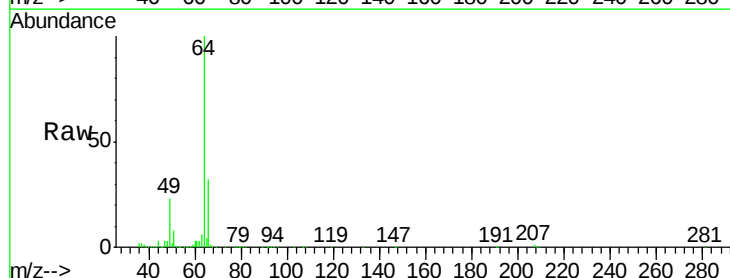
Acq: 17 Jun 2020 12:39

Tgt Ion: 64 Resp: 137325

Ion Ratio Lower Upper

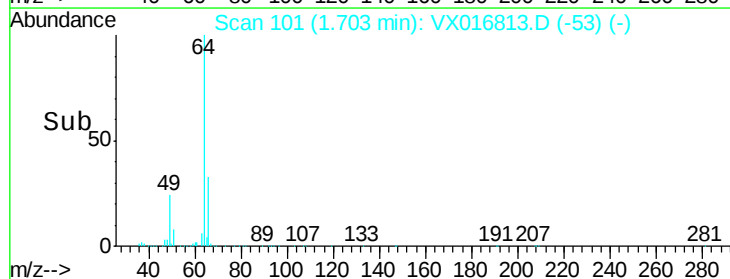
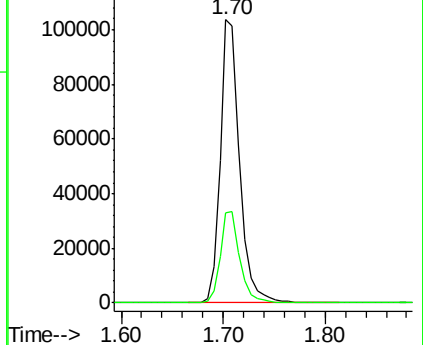
64 100

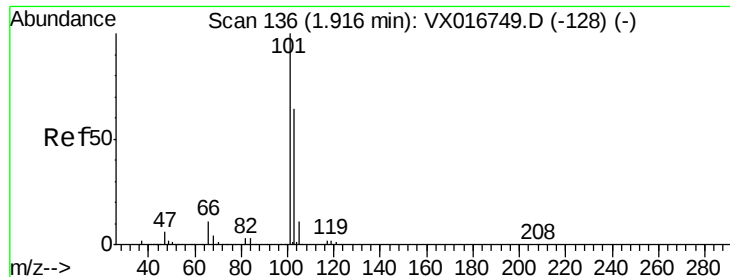
66 32.0 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

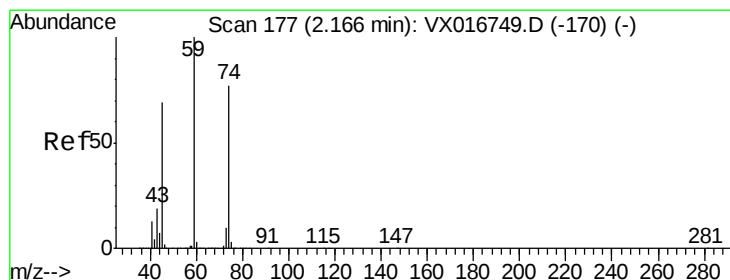
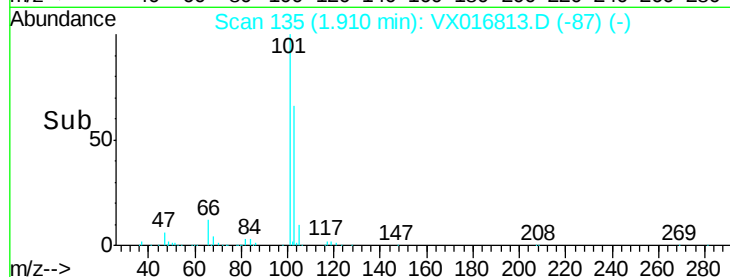
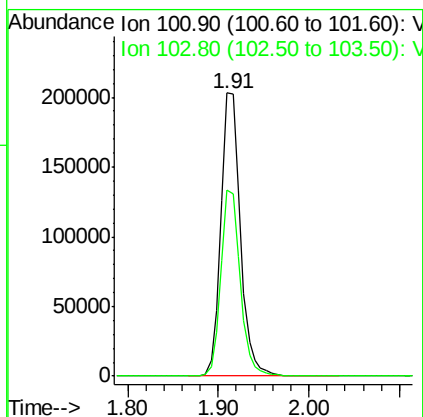
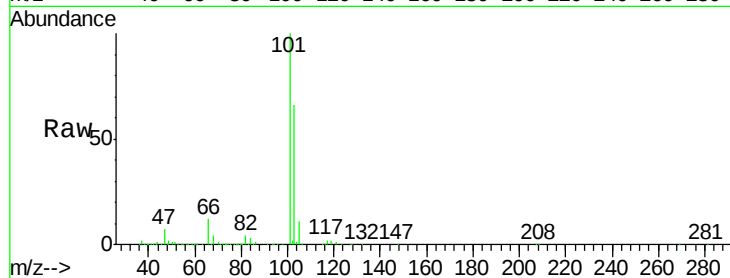
Trichlorofluoromethane
Concen: 55.881 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.6	51.3	76.9

Manual Integrations
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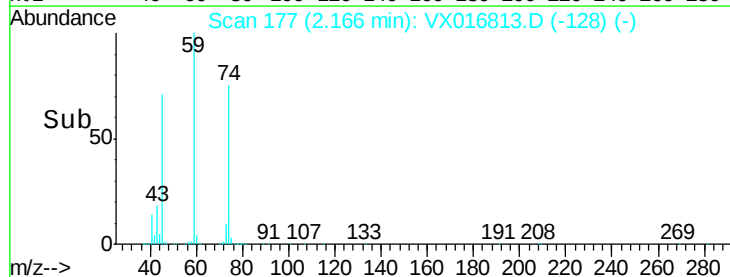
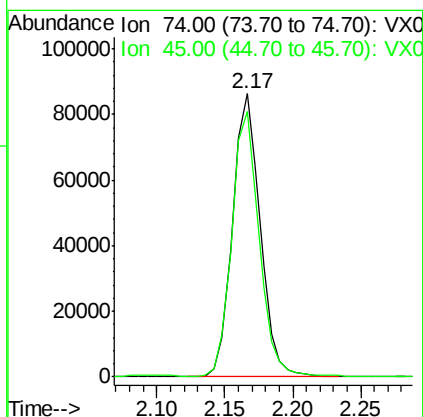
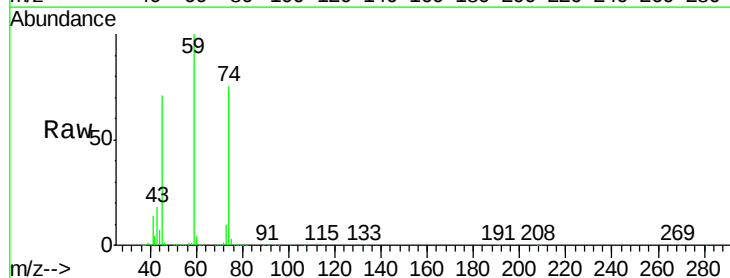
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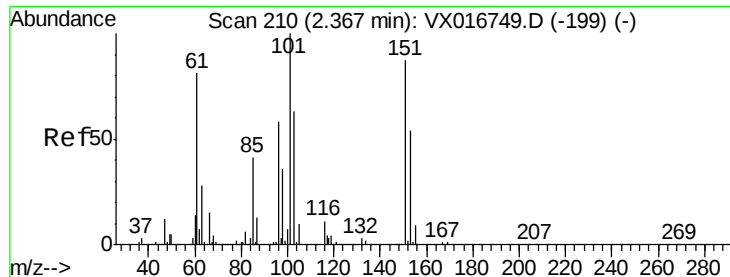


#8

Diethyl Ether
Concen: 54.668 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.2	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 61.431 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

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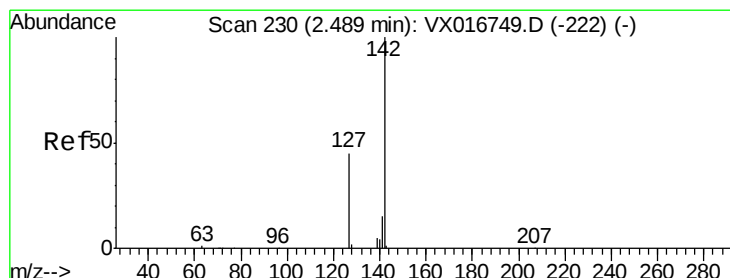
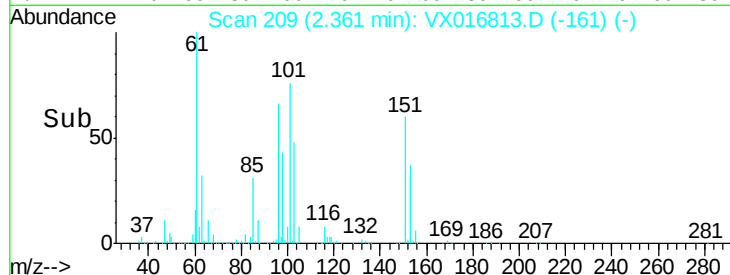
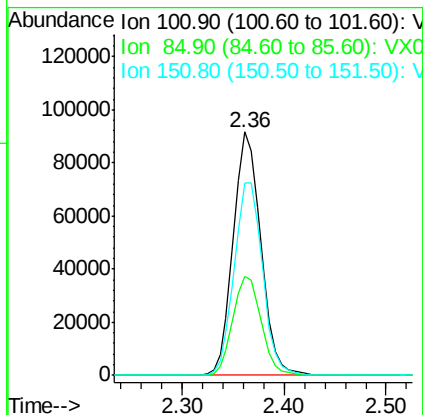
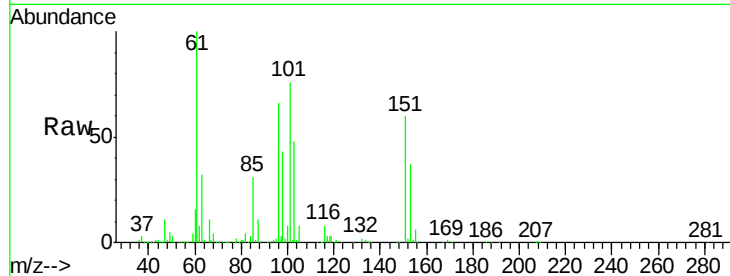
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	171049
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.0	51.0
151	82.1	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 47.157 ug/l

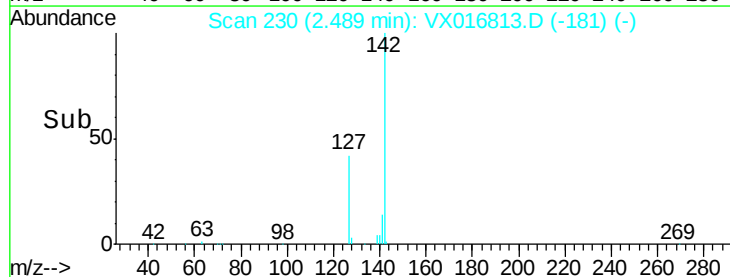
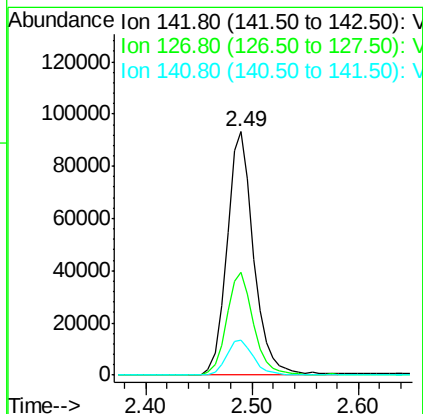
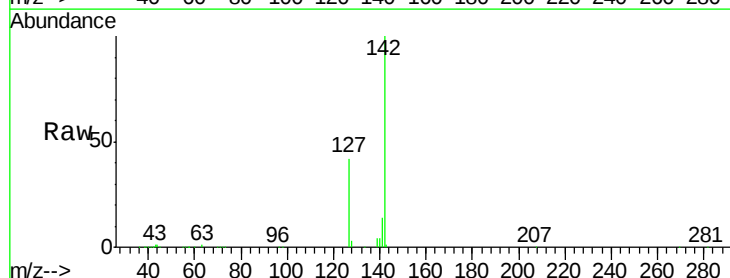
RT: 2.49 min Scan# 230

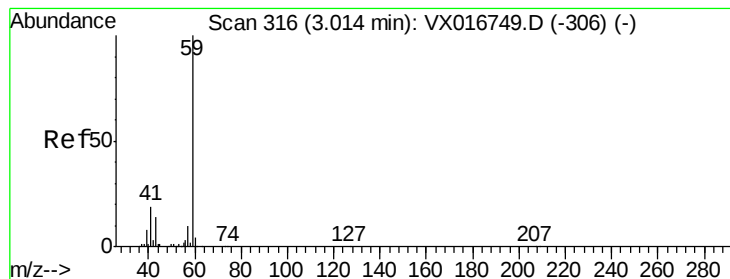
Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	142	Resp:	164116
Ion Ratio	Lower	Upper	
142	100		
127	42.1	35.4	53.2
141	14.8	11.7	17.5





#11

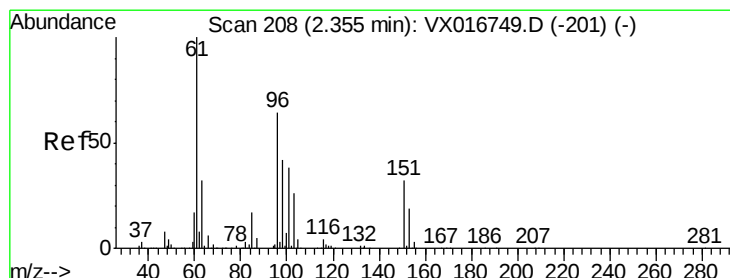
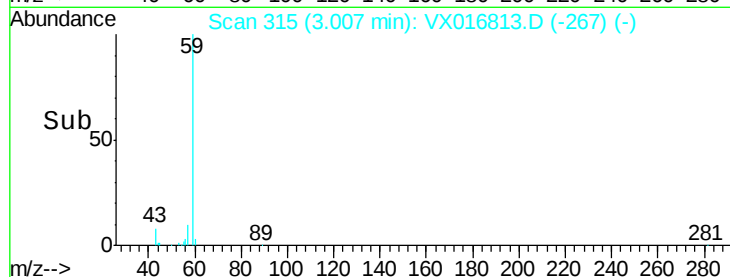
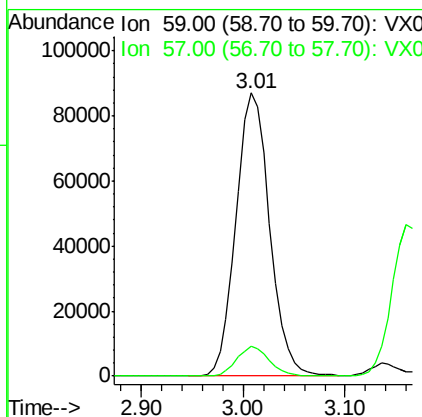
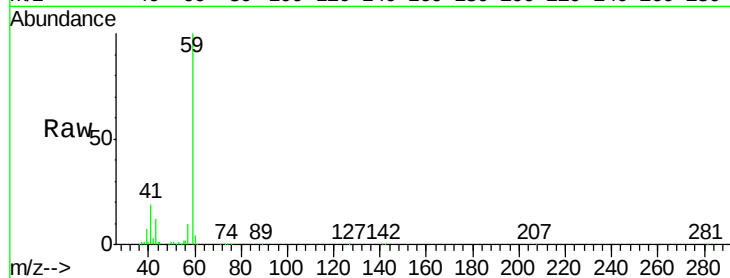
Tert butyl alcohol
 Concen: 217.266 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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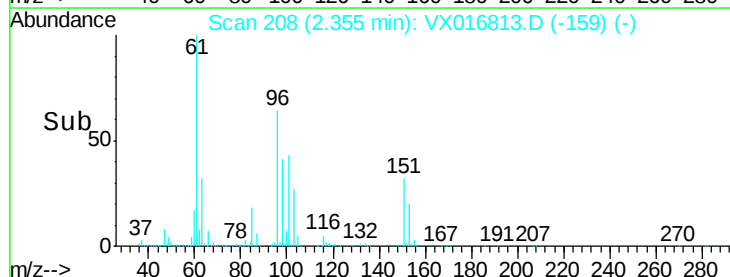
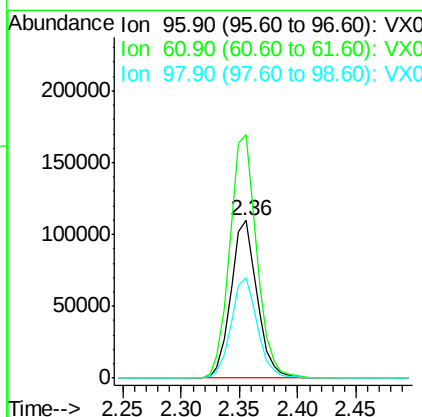
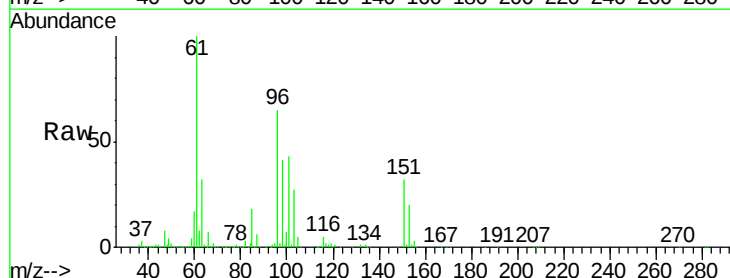
MMDadoda
 6/18/2020 9:36:49 AM

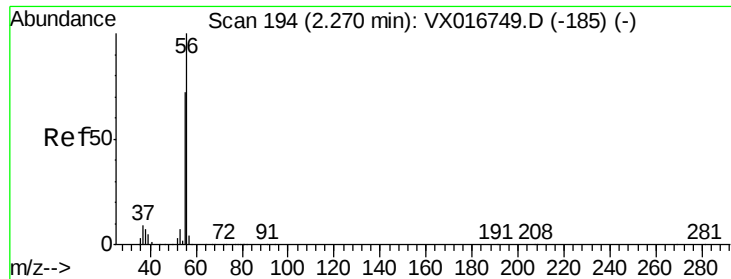


#12

1,1-Dichloroethene
 Concen: 54.138 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.0	124.1	186.1
98	63.7	52.7	79.1





#13

Acrolein

Concen: 265.025 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 104081

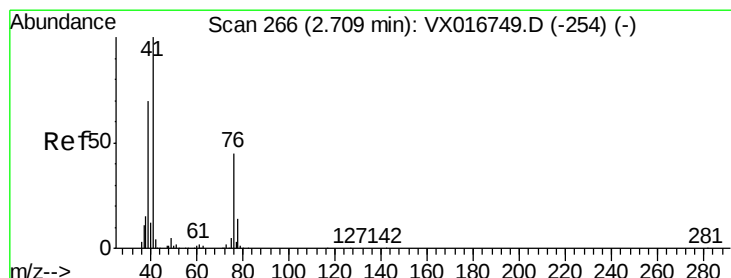
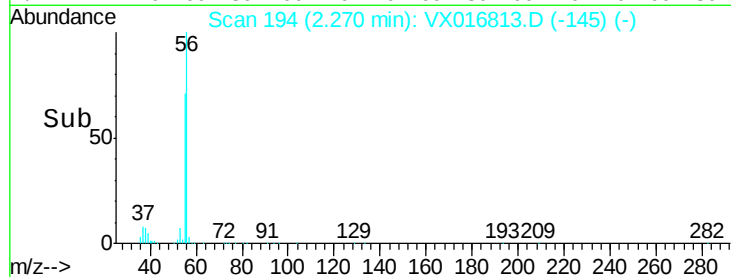
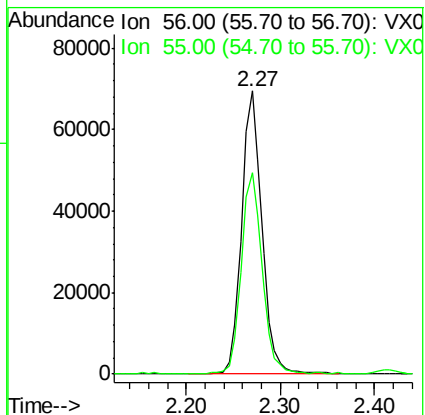
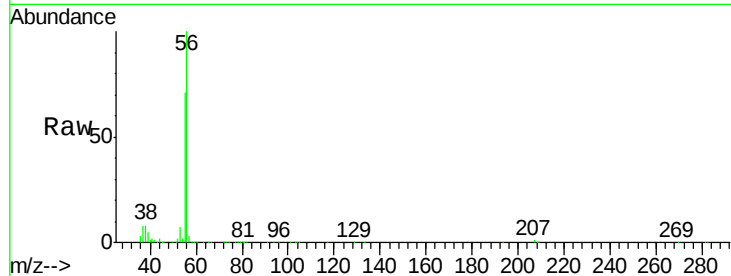
Ion Ratio Lower Upper

56 100

55 73.4 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 48.546 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

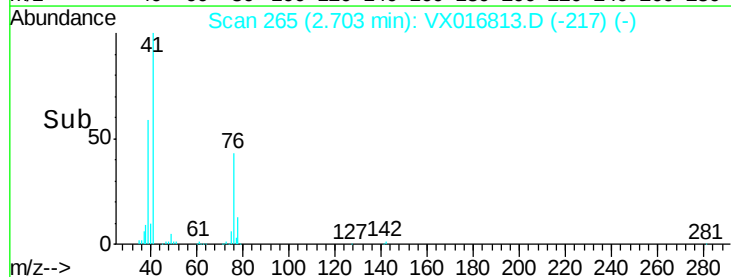
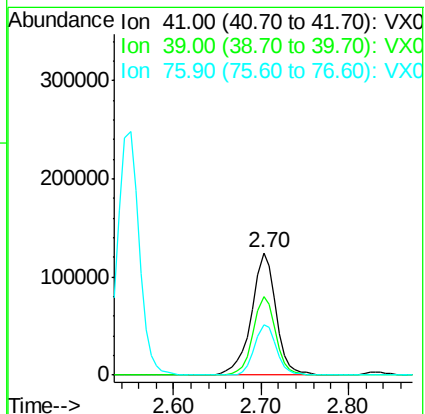
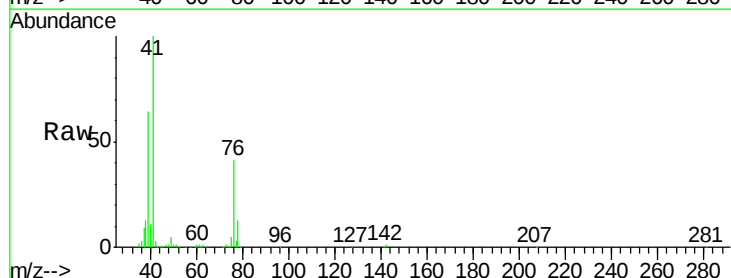
Tgt Ion: 41 Resp: 242096

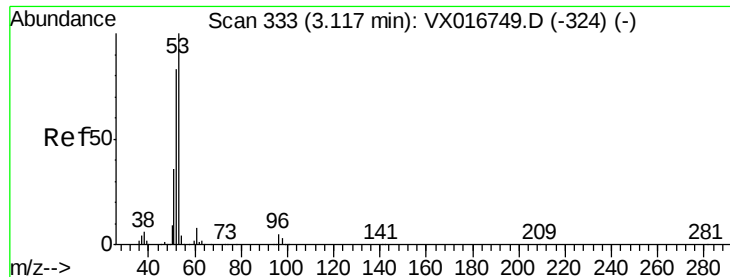
Ion Ratio Lower Upper

41 100

39 59.5 50.2 75.4

76 37.2 30.4 45.6





#15

Acrylonitrile

Concen: 235.442 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

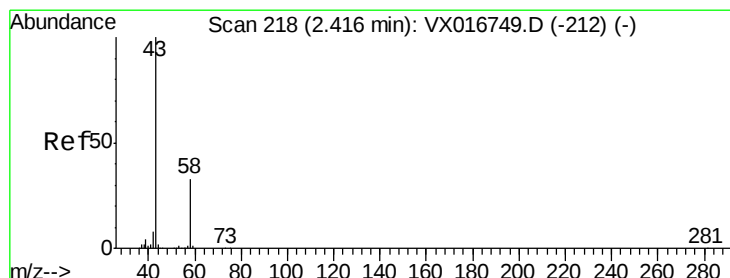
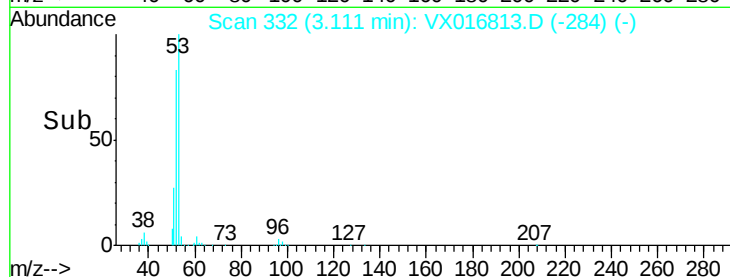
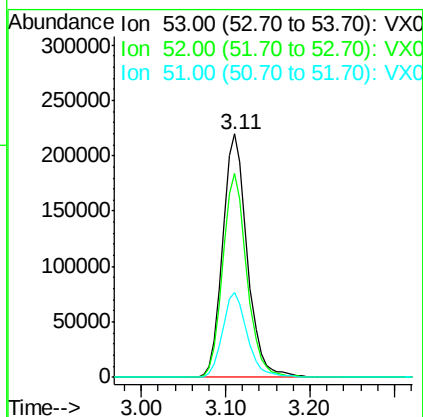
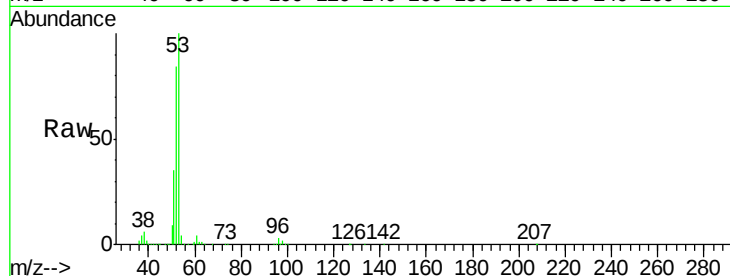
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	440415
Ion Ratio		Lower	Upper
53	100		
52	82.1	65.5	98.3
51	35.3	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 259.387 ug/l

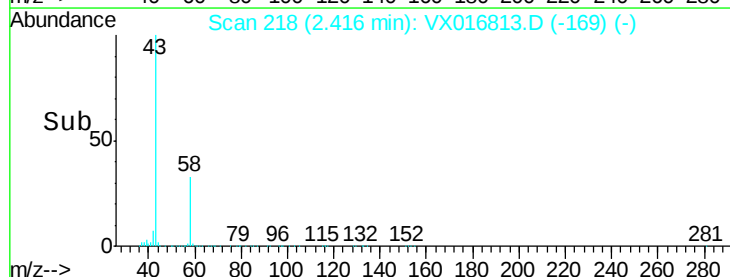
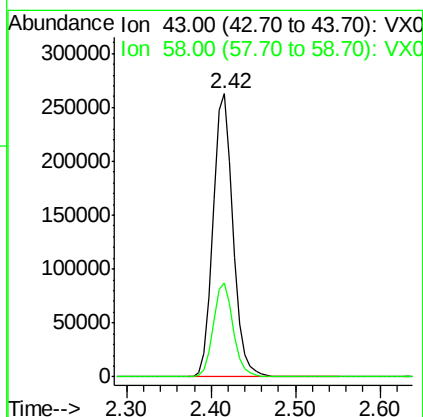
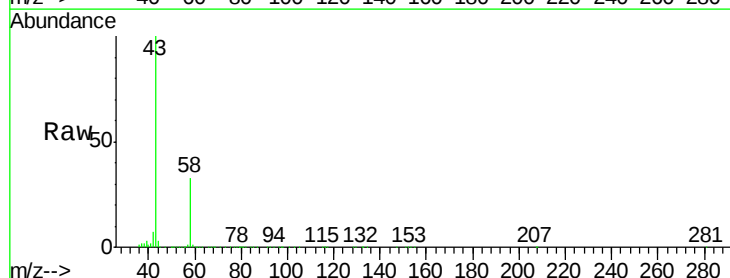
RT: 2.42 min Scan# 218

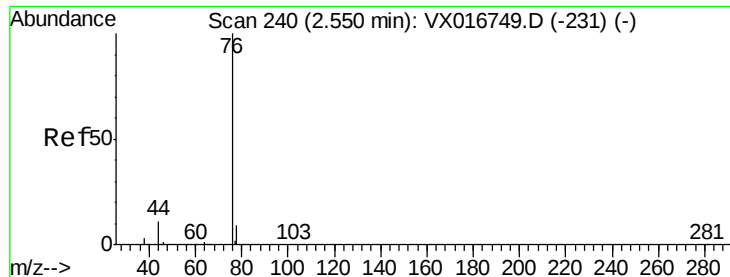
Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	43	Resp:	431750
Ion Ratio		Lower	Upper
43	100		
58	33.3	26.3	39.5





#17

Carbon Disulfide

Concen: 45.831 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 418525

Ion Ratio Lower Upper

76 100

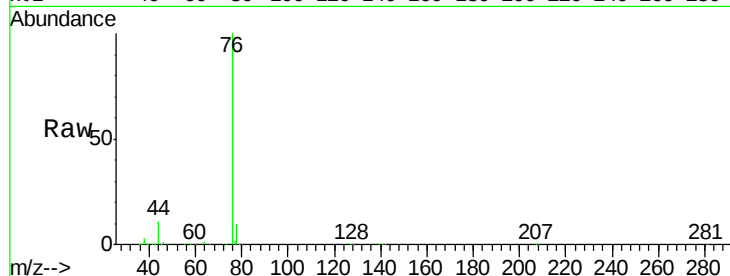
78 9.6 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

100000

50000

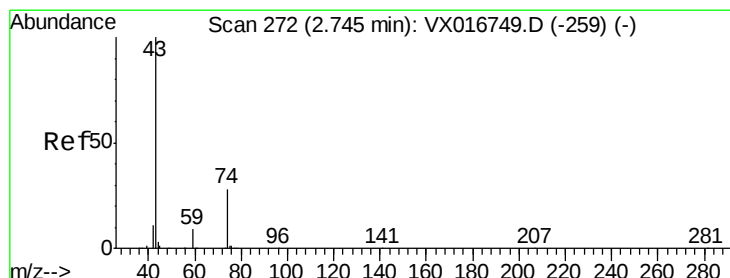
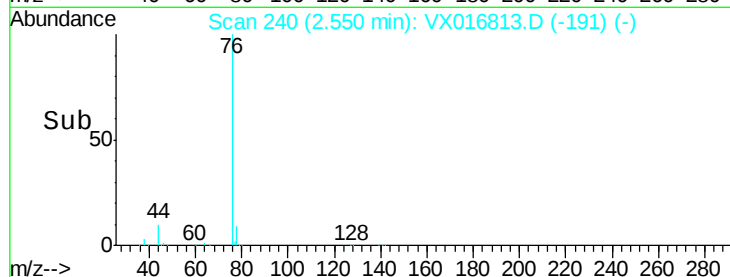
0

2.55

2.60

2.70

Time-->



#18

Methyl Acetate

Concen: 49.318 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016813.D

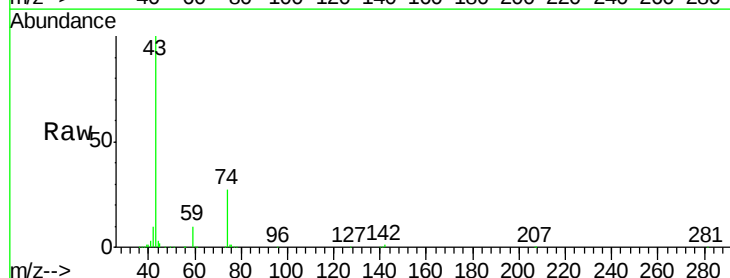
Acq: 17 Jun 2020 12:39

Tgt Ion: 43 Resp: 219111

Ion Ratio Lower Upper

43 100

74 26.8 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

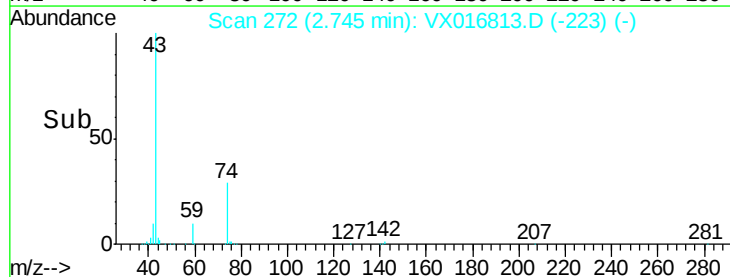
50000

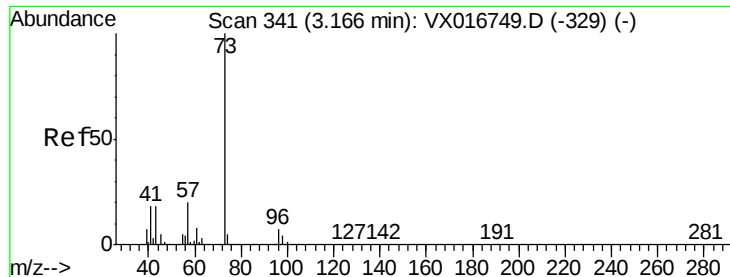
0

2.75

2.80

Time-->





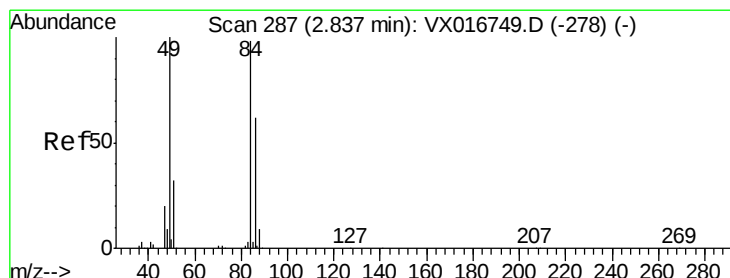
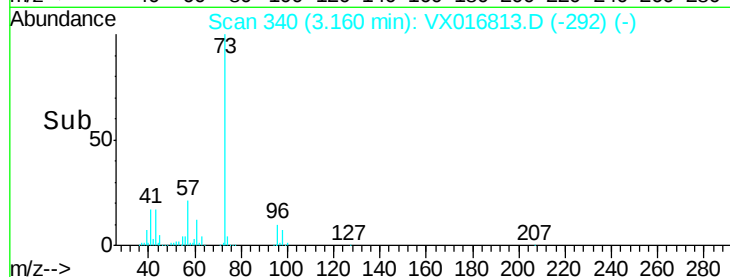
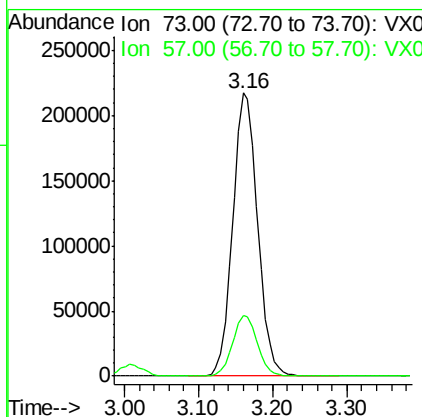
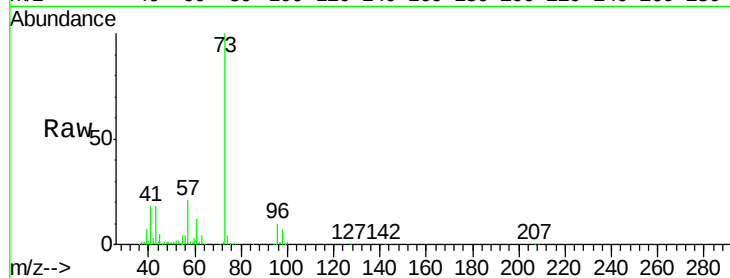
#19
Methvl tert-butvl Ether
Concen: 46.733 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	16.2	24.4

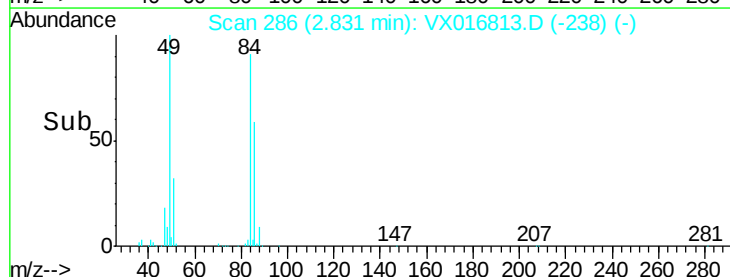
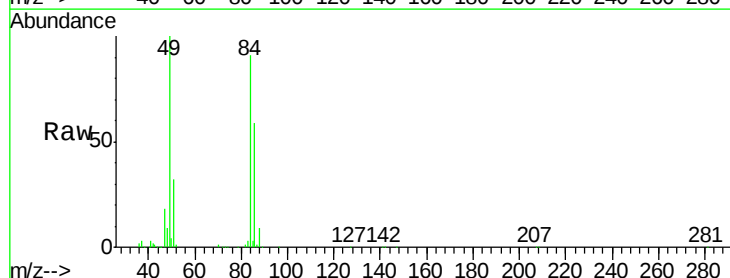
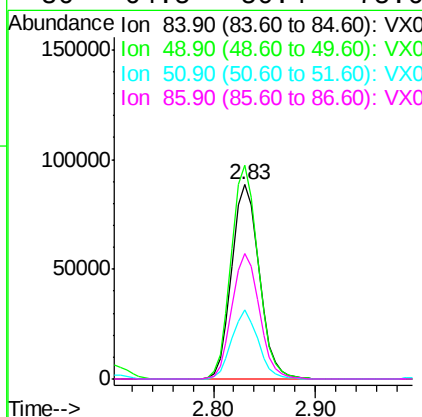
Manual Integrations
APPROVED

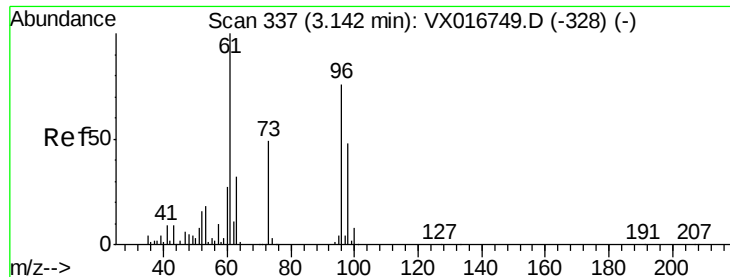
MMDadoda
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#20
Methylene Chloride
Concen: 46.247 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.8	81.8	122.8
51	35.6	25.8	38.8
86	64.5	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 46.552 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

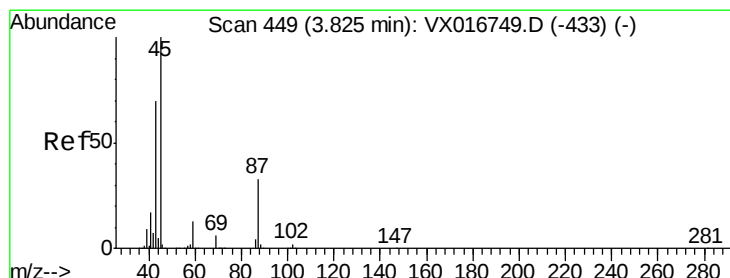
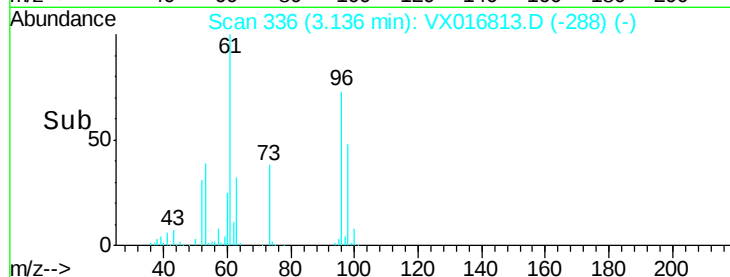
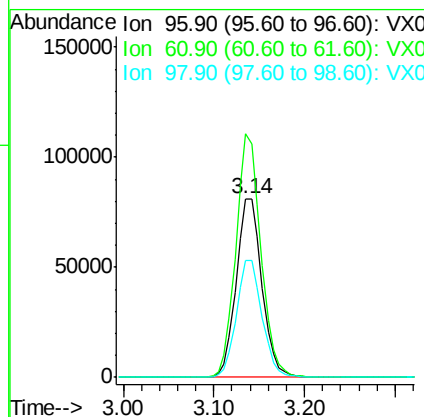
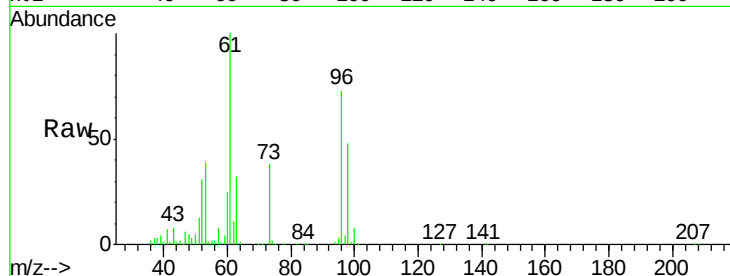
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	159507
Ion	Ratio	Lower	Upper
96	100		
61	136.5	105.4	158.2
98	65.3	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.150 ug/l

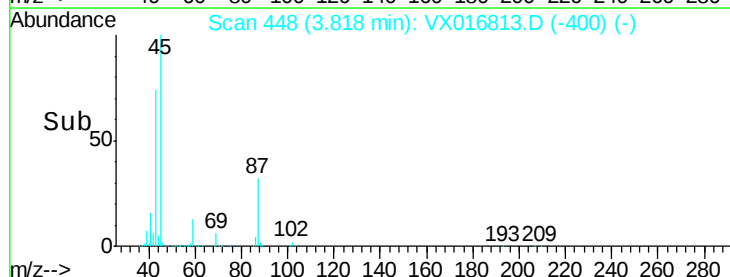
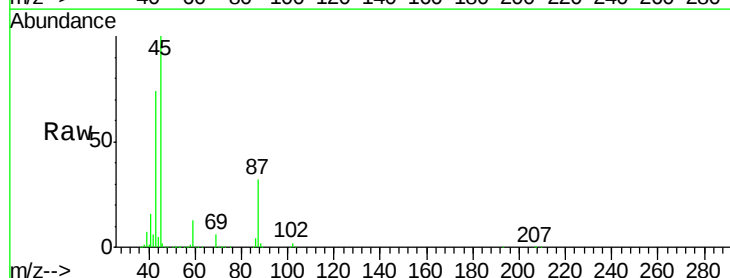
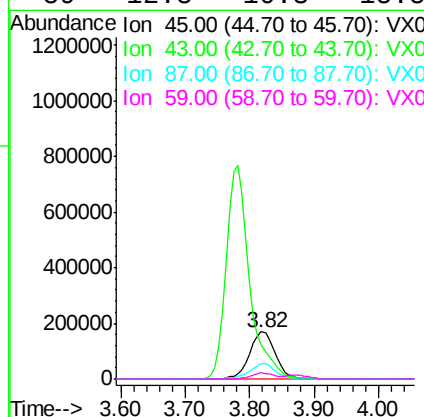
RT: 3.82 min Scan# 448

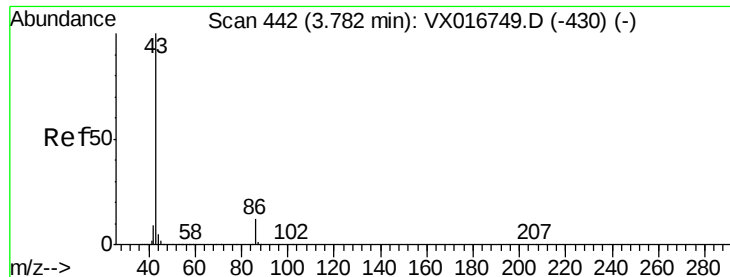
Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	45	Resp:	460399
Ion	Ratio	Lower	Upper
45	100		
43	74.2	56.2	84.4
87	32.0	26.2	39.4
59	12.8	10.3	15.5





#23

Vinyl Acetate

Concen: 243.427 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1970866

Ion Ratio Lower Upper

43 100

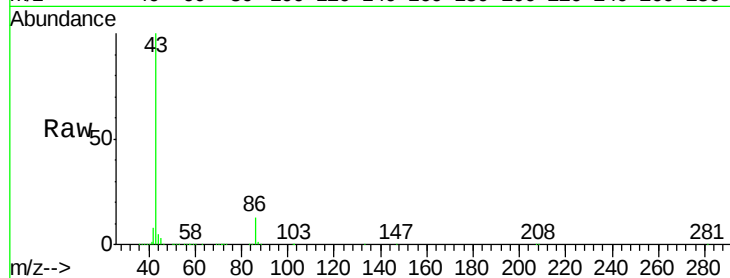
86 12.7 9.8 14.8

Manual Integrations

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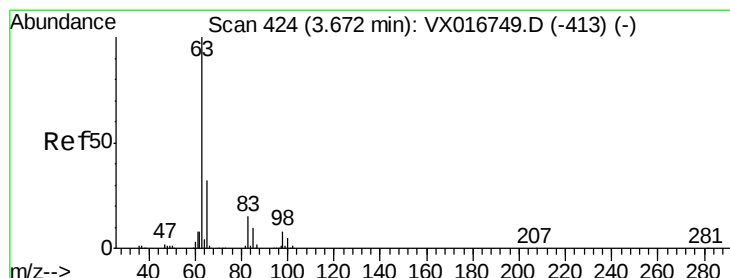
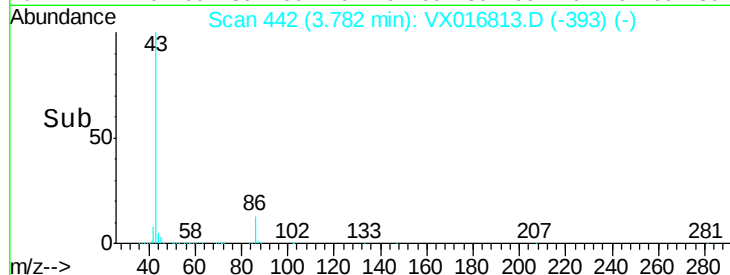
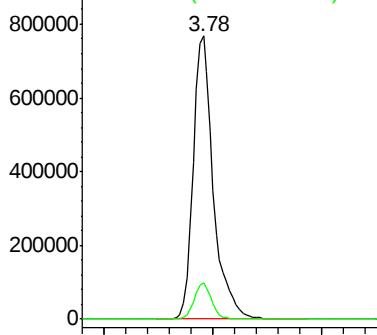
MMDadoda

6/18/2020 9:36:49 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.719 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

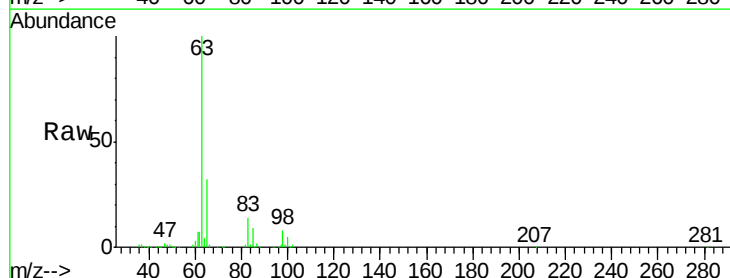
Tgt Ion: 63 Resp: 273712

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

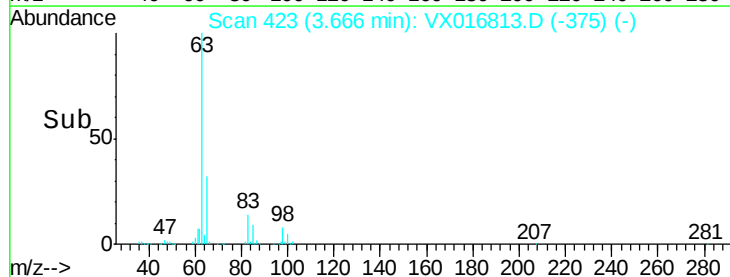
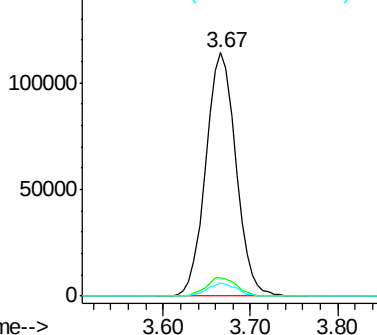
100 5.3 2.3 6.9

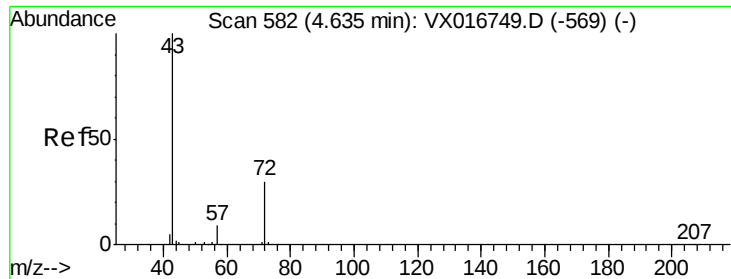


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 233.413 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 585534

Ion Ratio Lower Upper

43 100

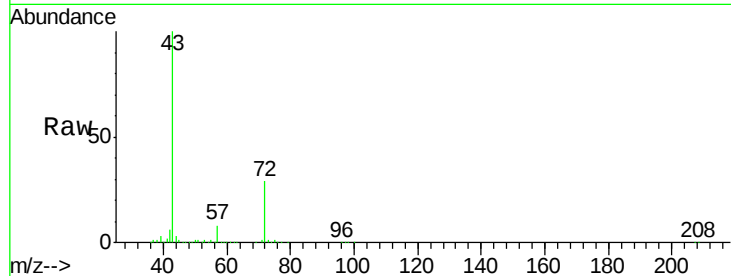
72 28.5 24.2 36.4

Manual Integrations

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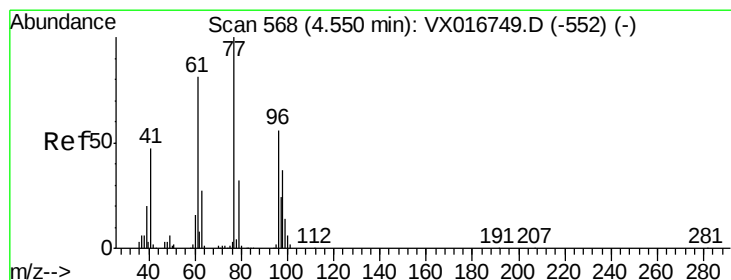
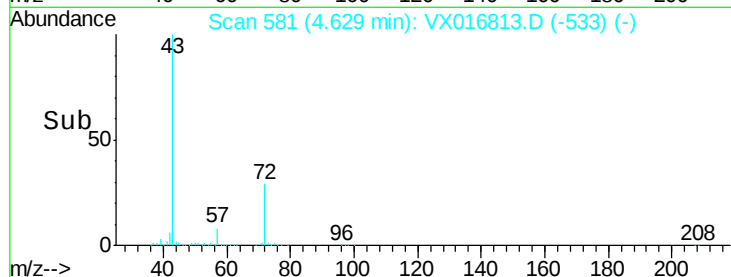
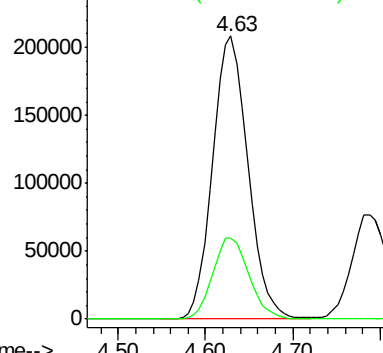
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 47.297 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016813.D

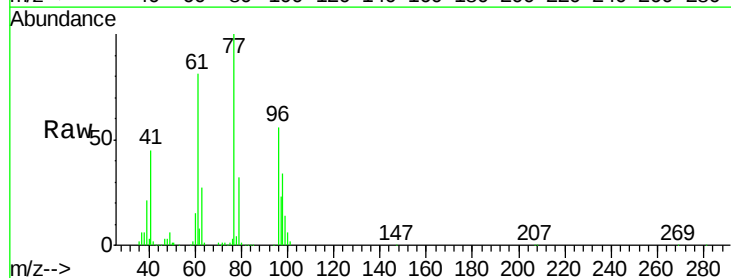
Acq: 17 Jun 2020 12:39

Tgt Ion: 77 Resp: 256580

Ion Ratio Lower Upper

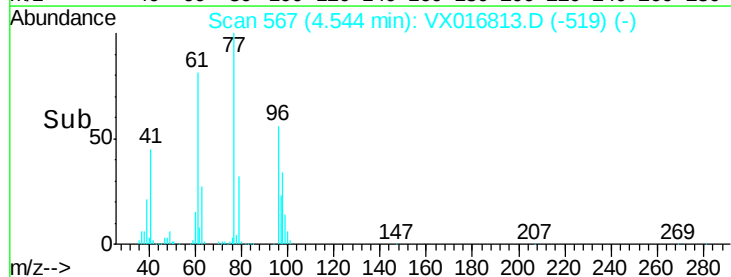
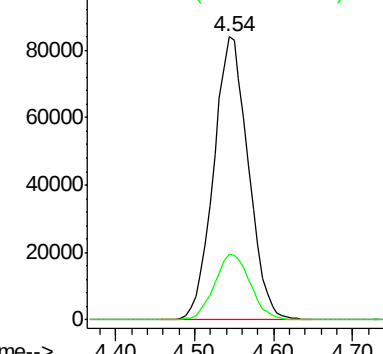
77 100

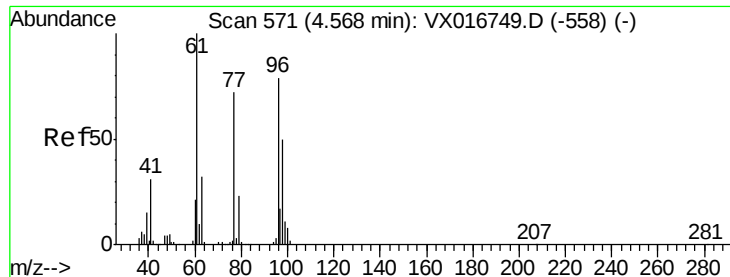
97 23.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

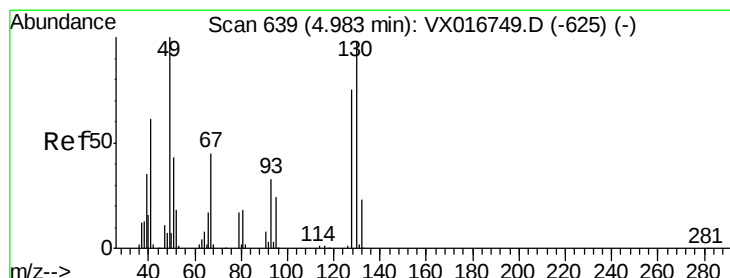
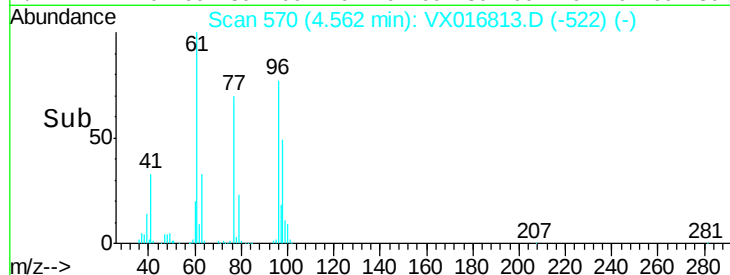
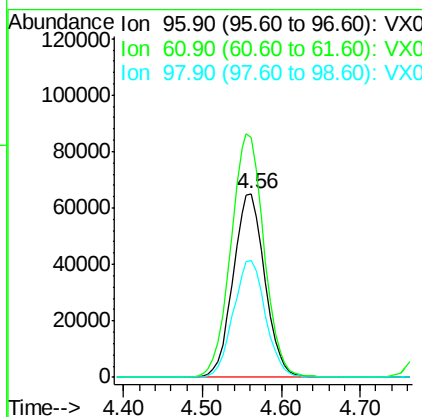
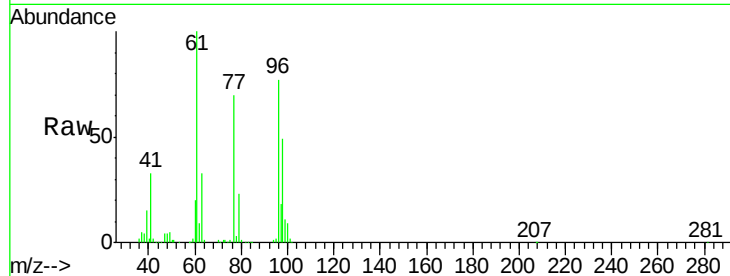
cis-1,2-Dichloroethene
 Concen: 46.675 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	182795		
61	137.7	0.0	276.2	
98	64.3	0.0	130.0	

Manual Integrations
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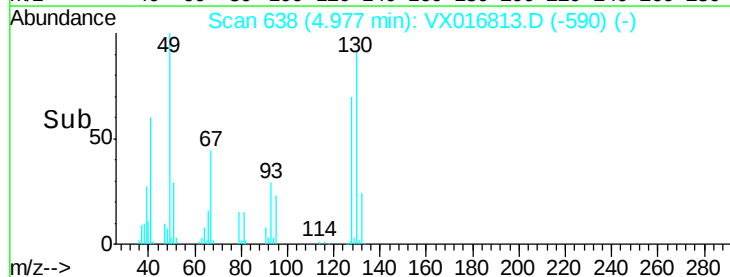
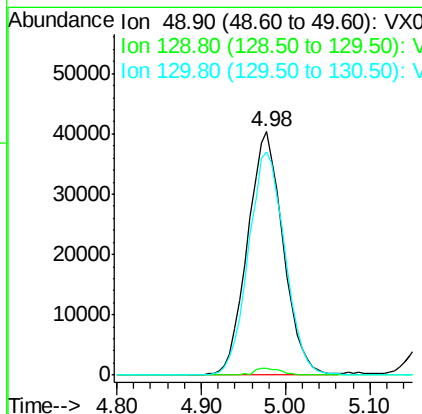
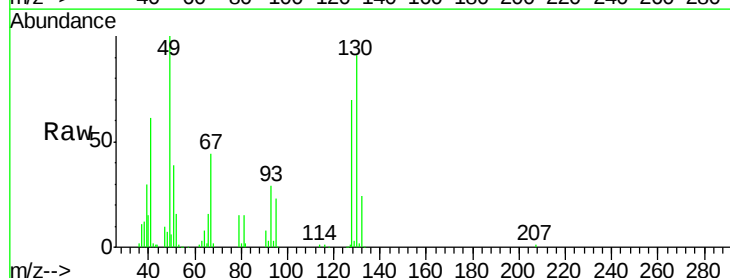
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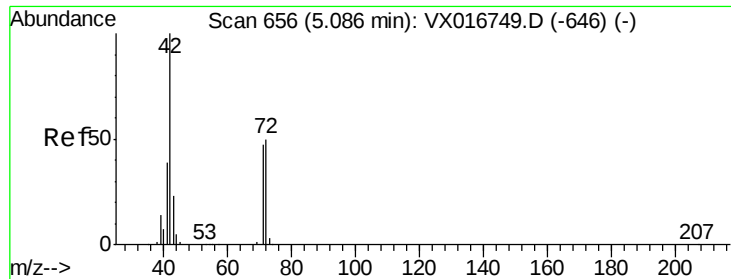


#28

Bromochloromethane
 Concen: 46.506 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	116230		
129	2.3	0.0	2.8	
130	94.1	76.0	114.0	





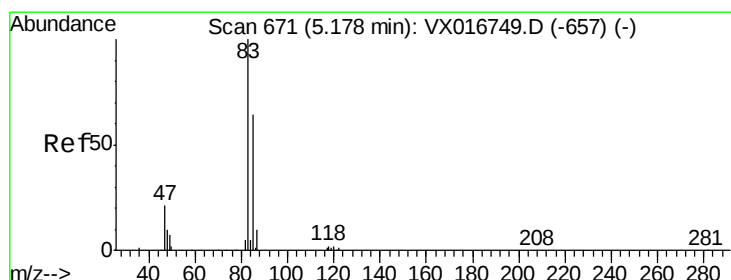
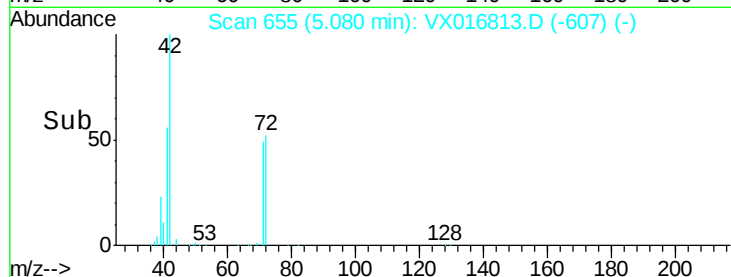
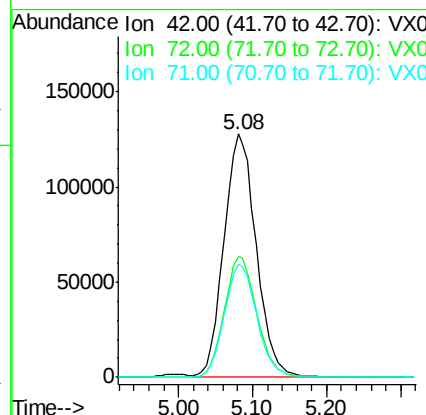
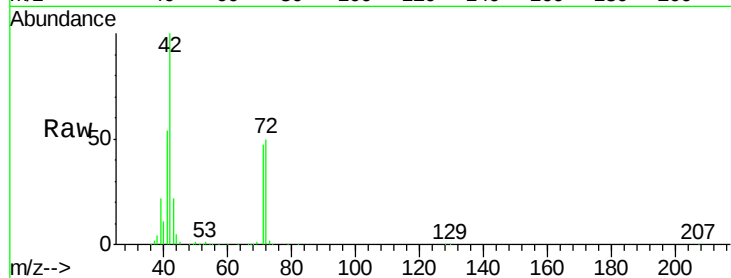
#29
Tetrahydrofuran
Concen: 236.547 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	41.0	61.6
71	46.8	38.2	57.4

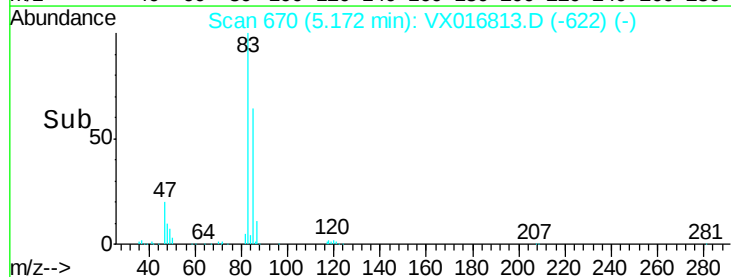
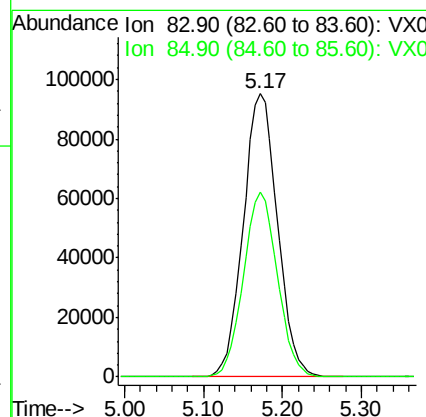
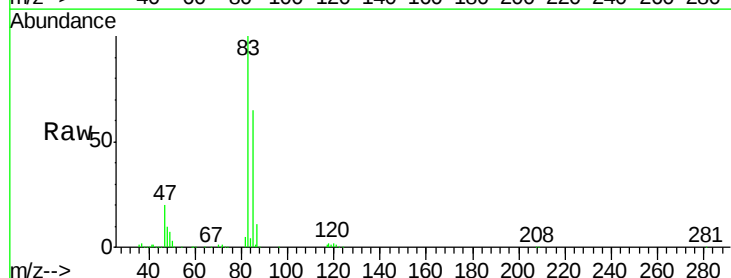
Manual Integrations
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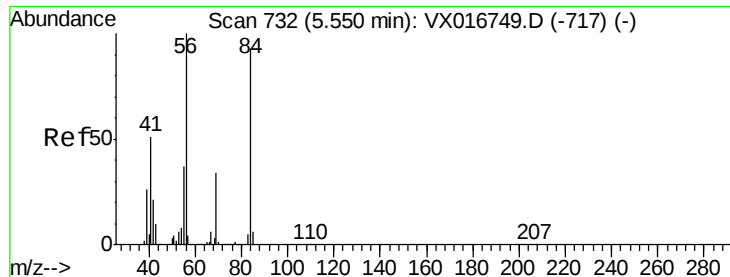
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#30
Chloroform
Concen: 46.297 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.8	76.2





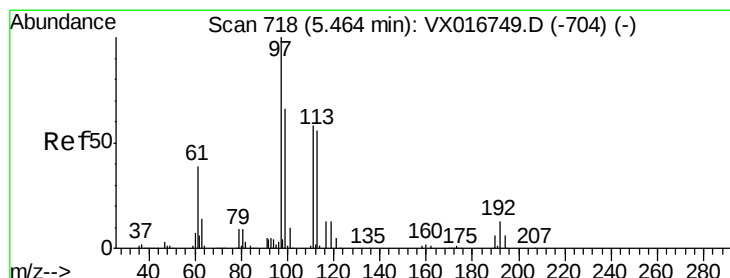
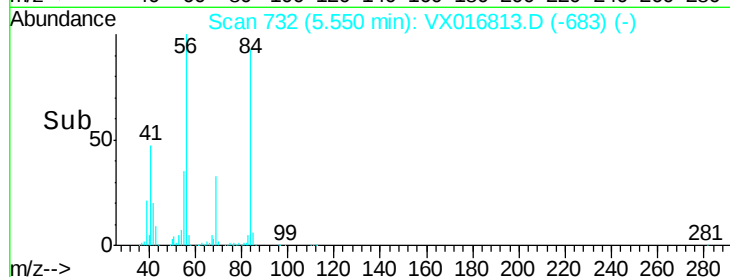
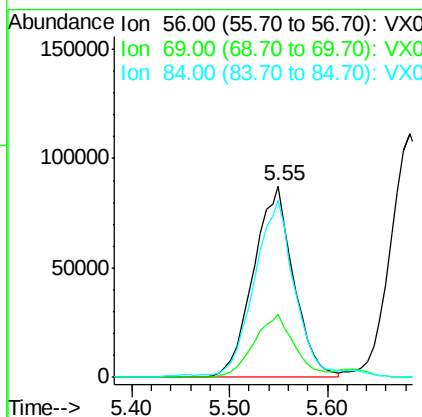
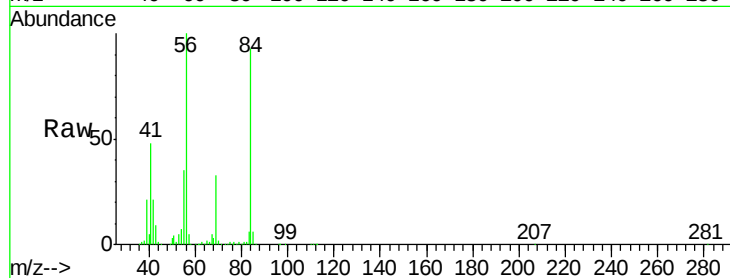
#31
Cvclohexane
Concen: 52.974 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.1	40.7
84	91.5	74.0	111.0

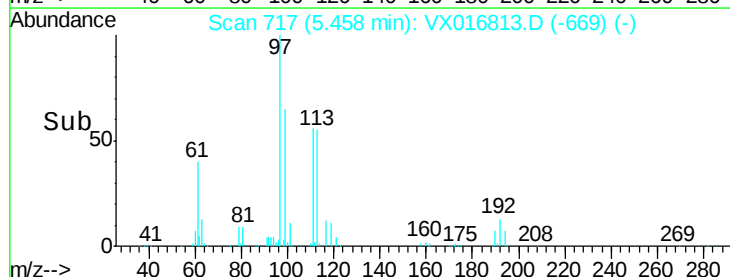
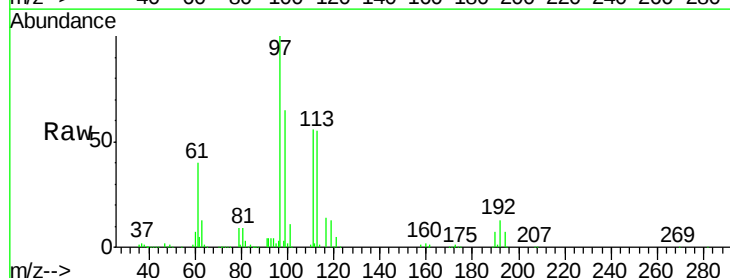
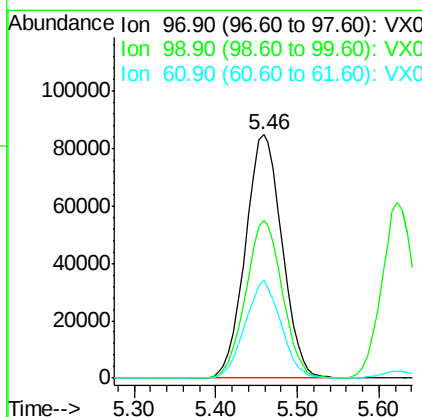
Manual Integrations
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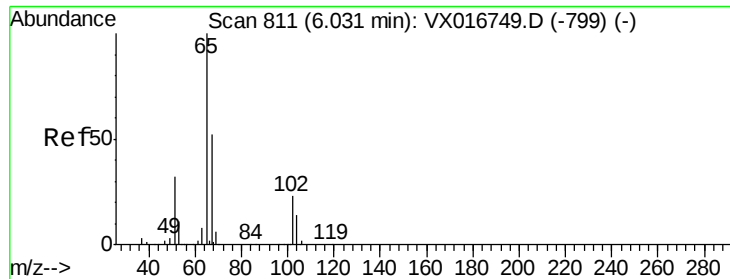
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#32
1,1,1-Trichloroethane
Concen: 47.260 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.5	77.3
61	39.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 44.604 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 163646

Ion Ratio Lower Upper

65 100

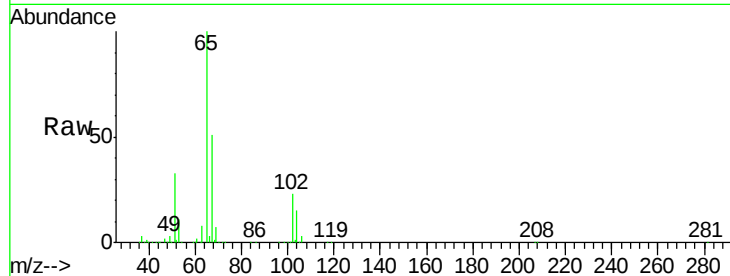
67 52.5 0.0 103.0

Manual Integrations

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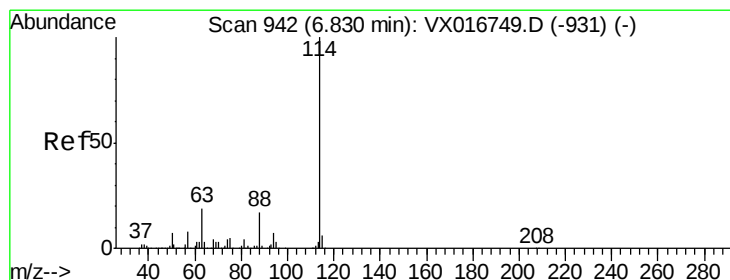
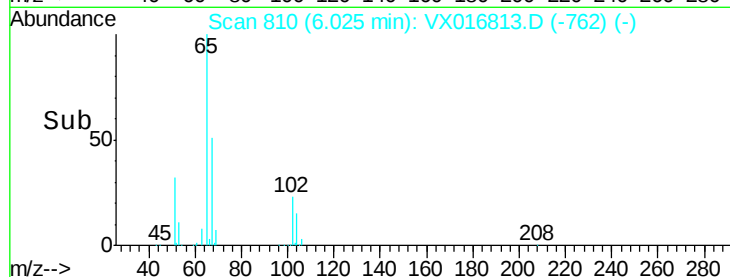
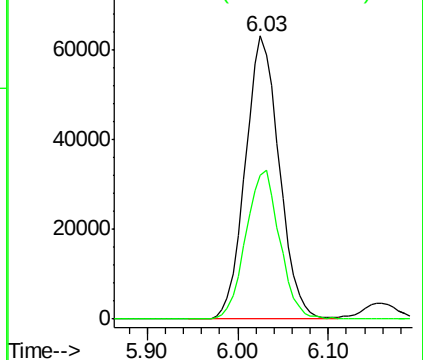
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

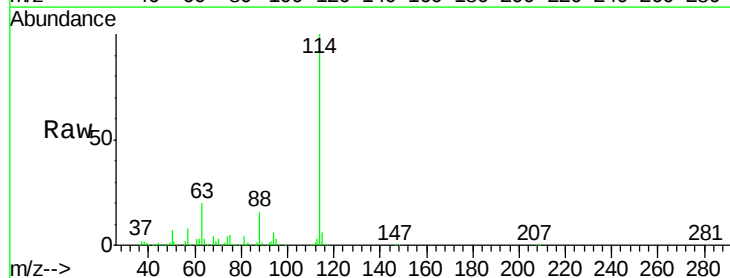
Tgt Ion: 114 Resp: 556420

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

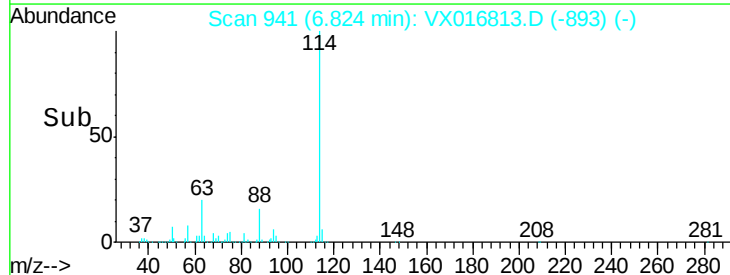
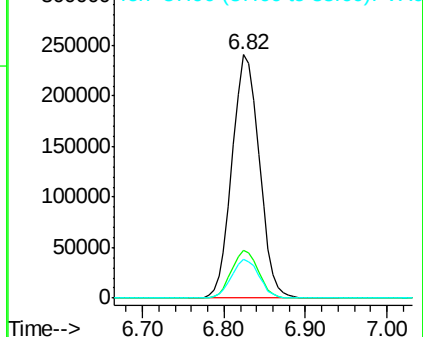
88 16.1 0.0 33.4

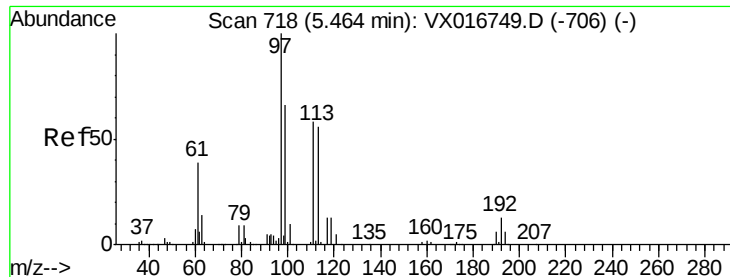


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 40.635 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

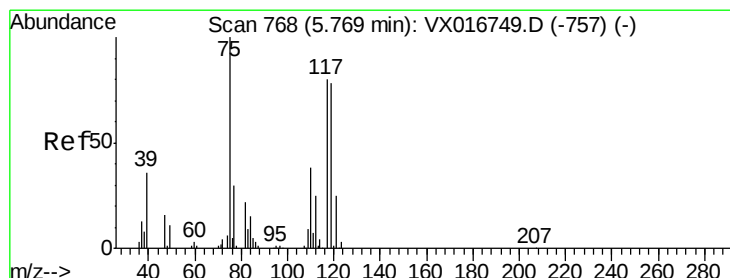
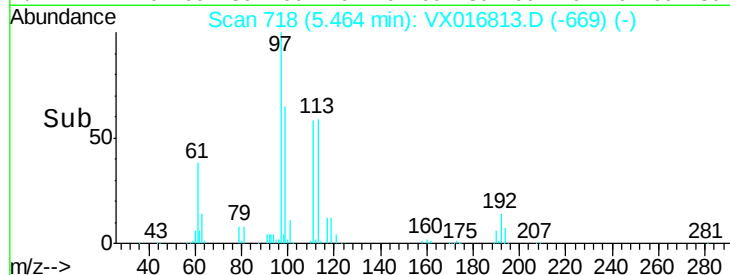
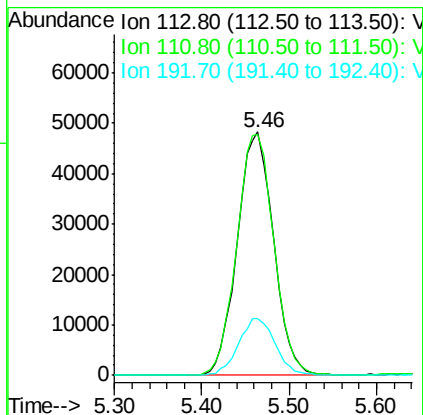
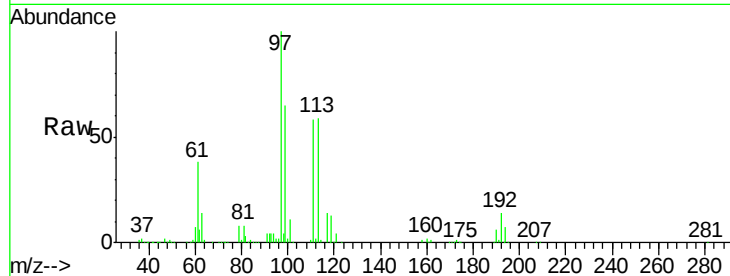
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	139501
Ion Ratio	Lower	Upper	
113	100		
111	101.2	81.8	122.6
192	23.7	18.2	27.4

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#36

1,1-Dichloropropene

Concen: 44.780 ug/l

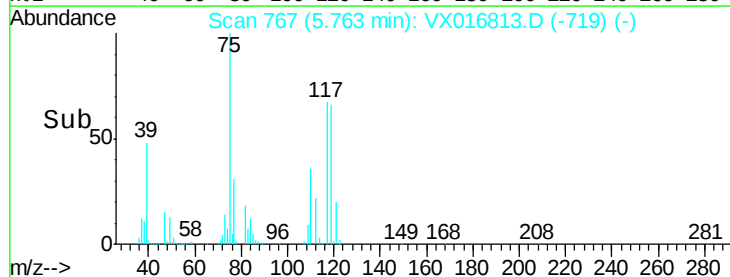
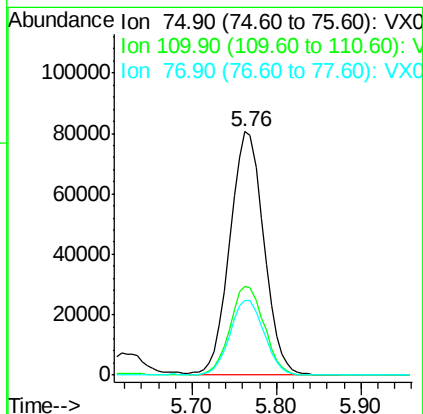
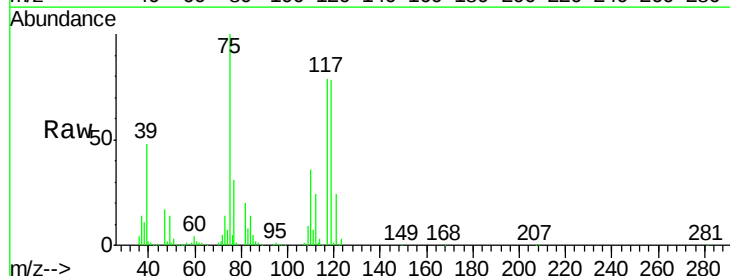
RT: 5.76 min Scan# 767

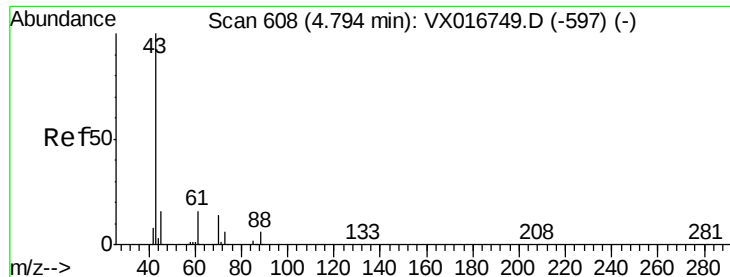
Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	75	Resp:	220192
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.4	55.2
77	31.2	24.7	37.1





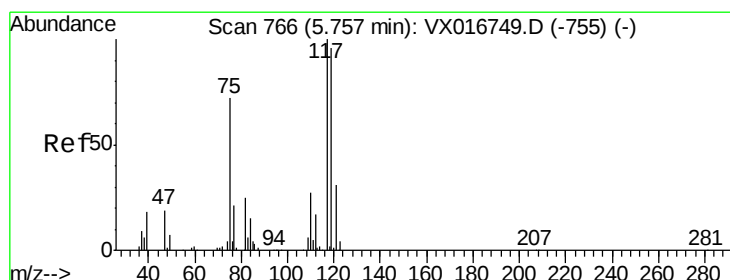
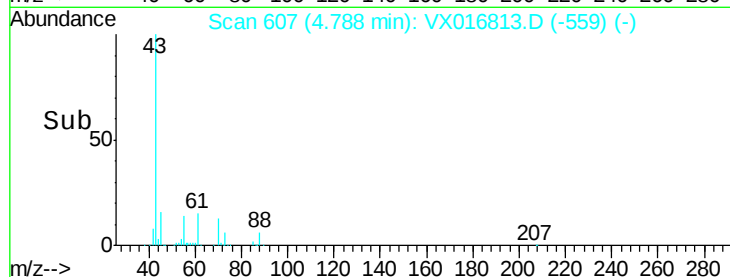
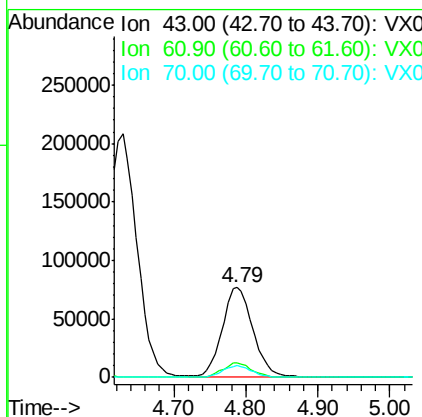
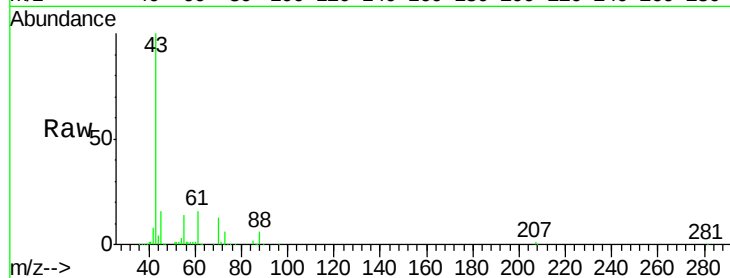
#37
Ethyl Acetate
Concen: 42.294 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	12.4	18.6
70	12.8	10.8	16.2

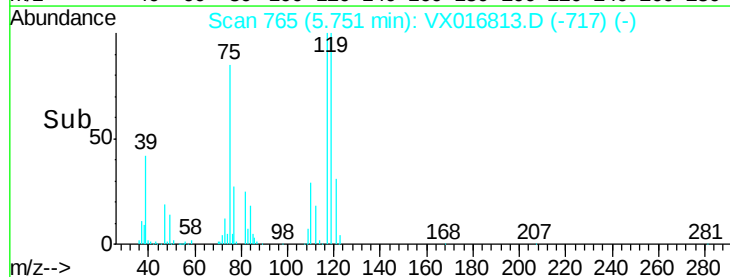
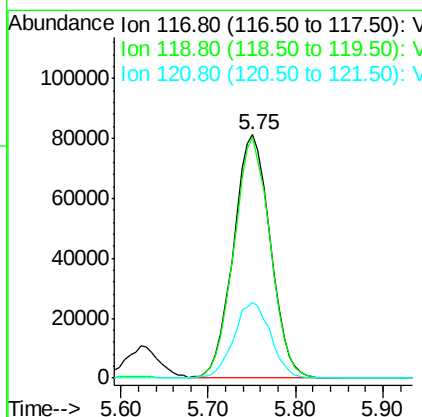
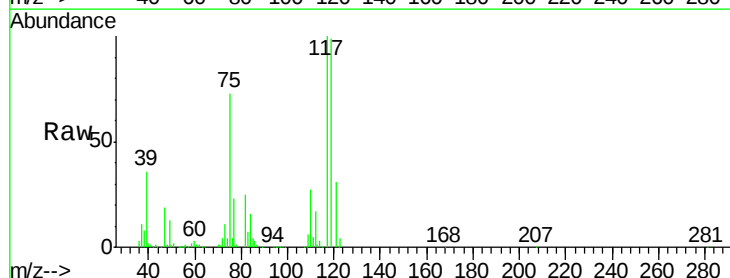
Manual Integrations
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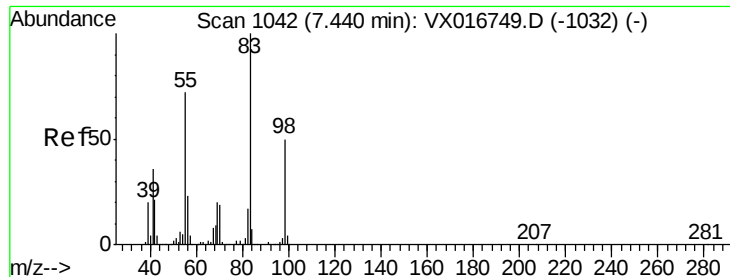
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#38
Carbon Tetrachloride
Concen: 42.707 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	76.7	115.1
121	31.4	24.7	37.1





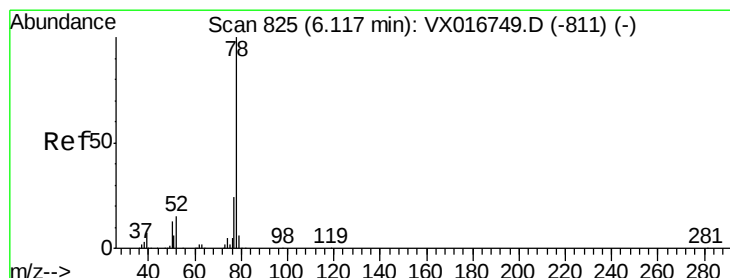
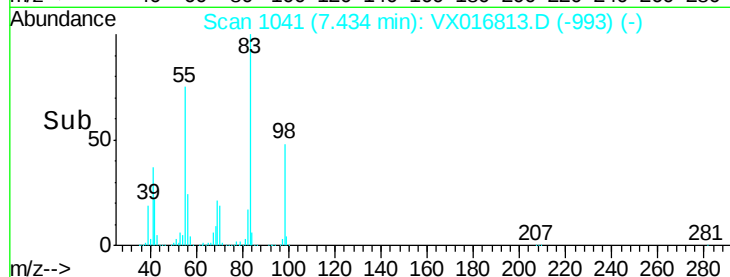
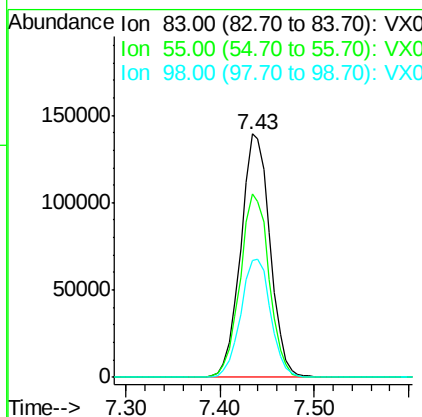
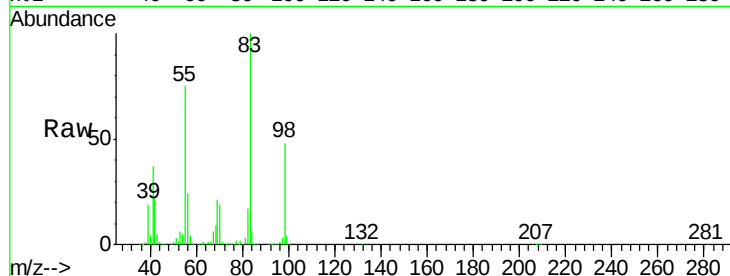
#39
Methvlcvclohexane
Concen: 53.008 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	57.3	85.9
98	47.8	40.3	60.5

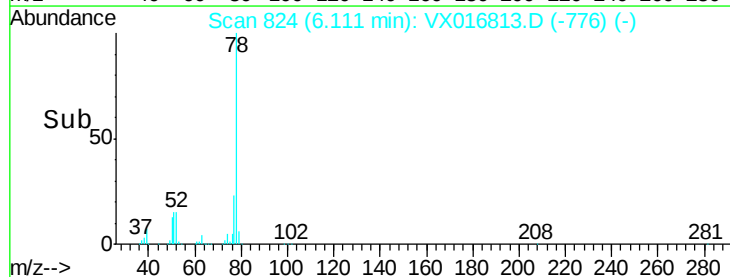
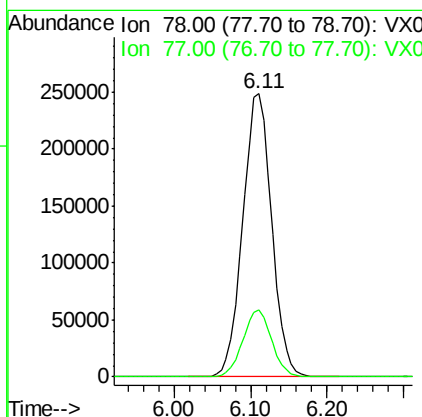
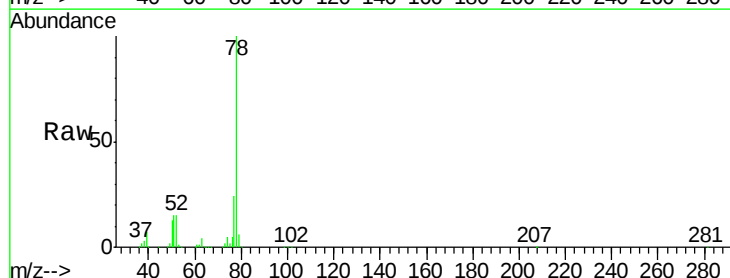
Manual Integrations
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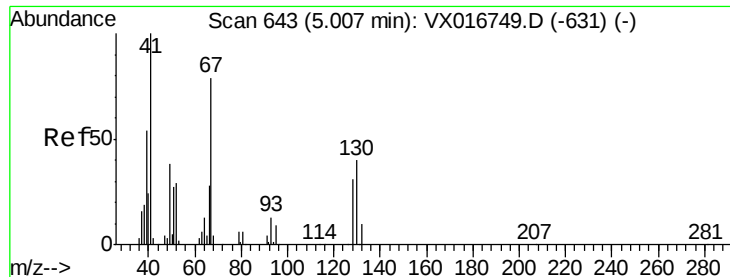
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#40
Benzene
Concen: 43.714 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





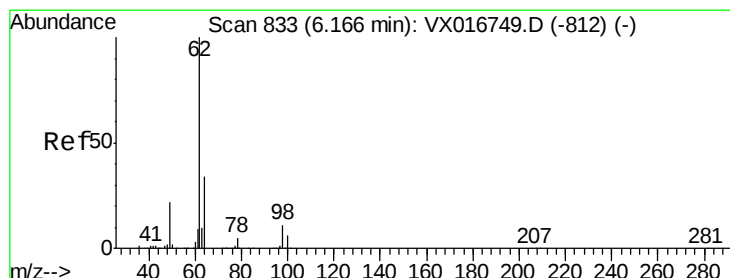
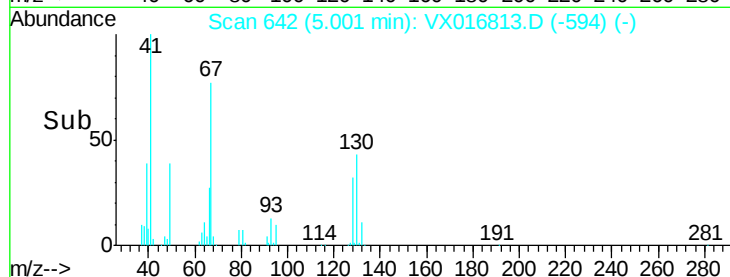
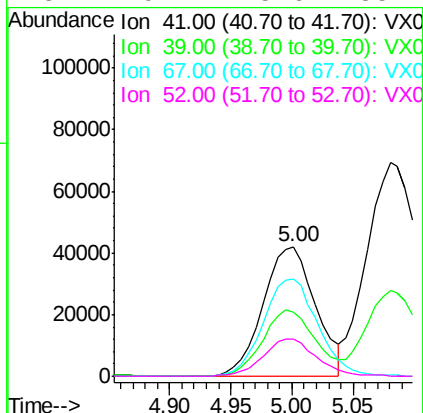
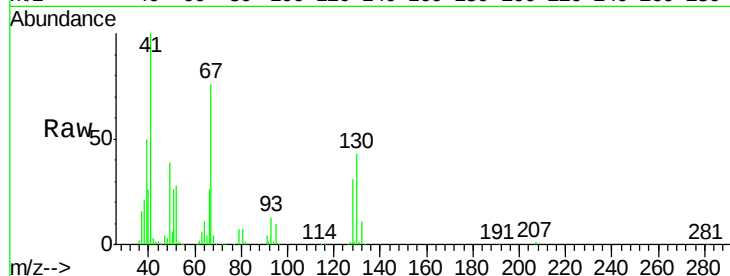
#41
Methacrylonitrile
Concen: 43.805 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.0	43.7	65.5	
67	78.2	64.6	96.8	
52	29.4	25.6	38.4	

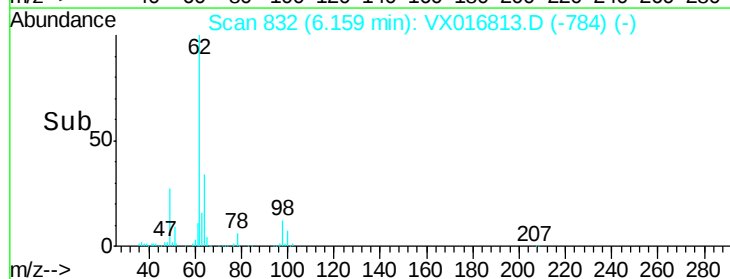
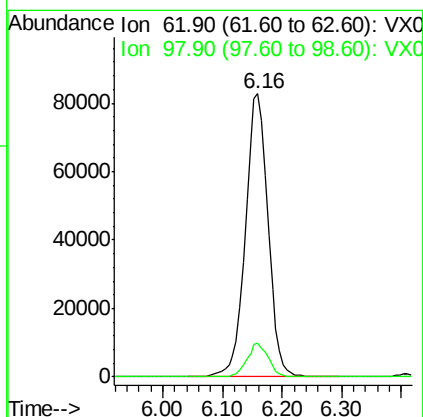
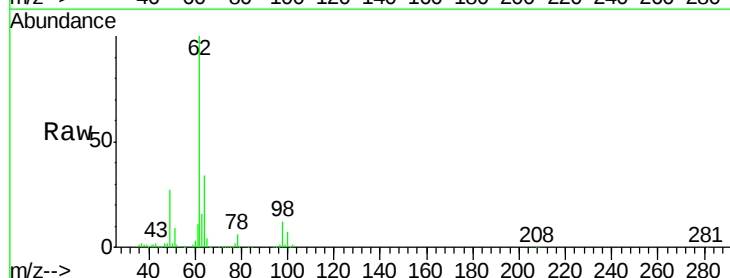
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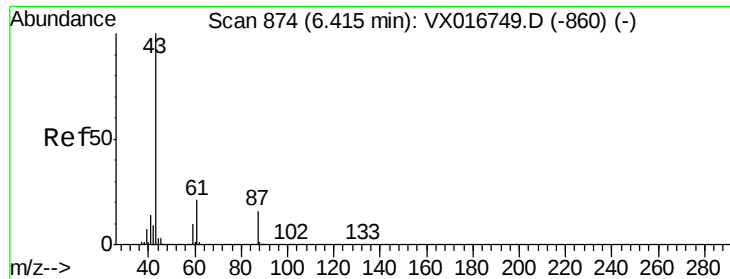
MMDadoda
6/18/2020 9:36:49 AM



#42
1,2-Dichloroethane
Concen: 40.174 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	11.0	0.0	20.2	





#43

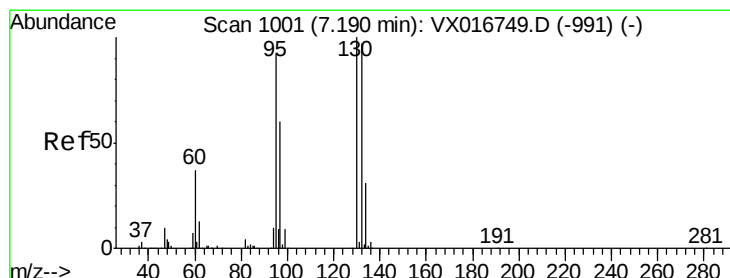
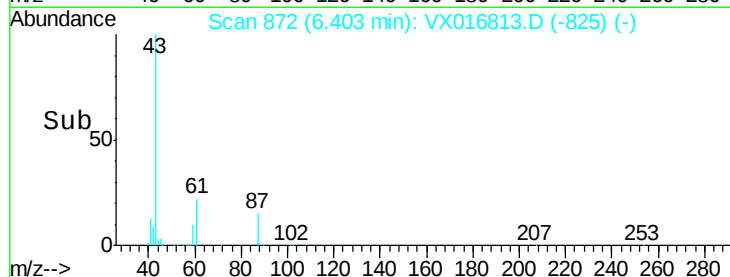
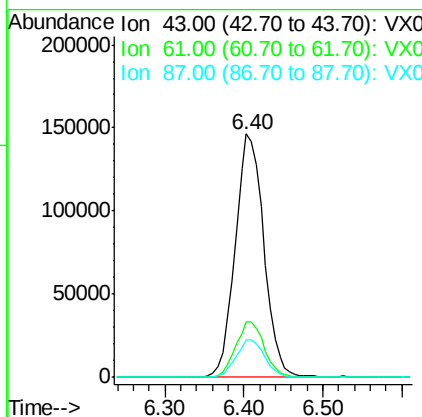
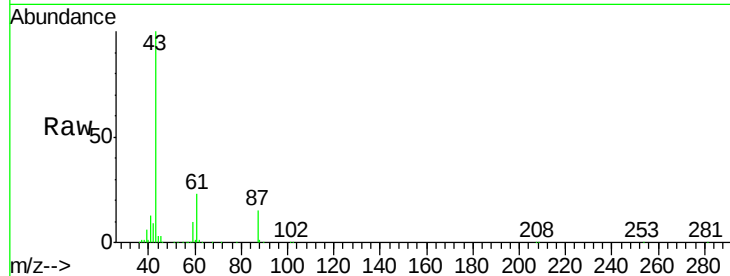
Isopropyl Acetate
 Concen: 43.662 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	17.7	26.5
87	15.6	12.5	18.7

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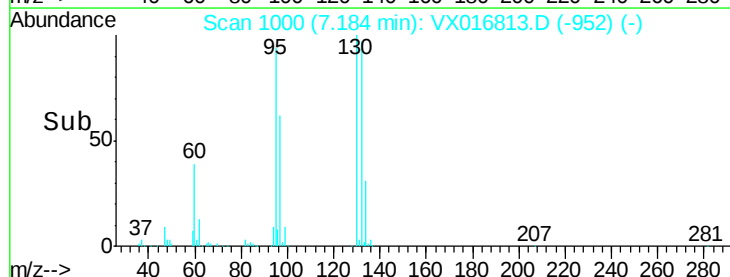
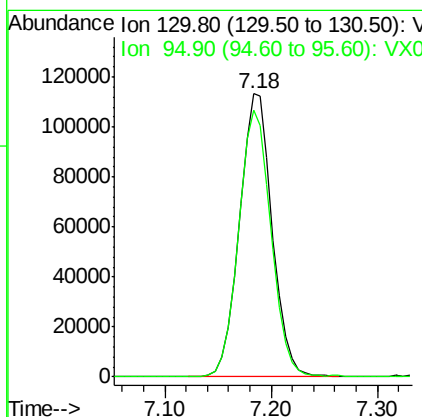
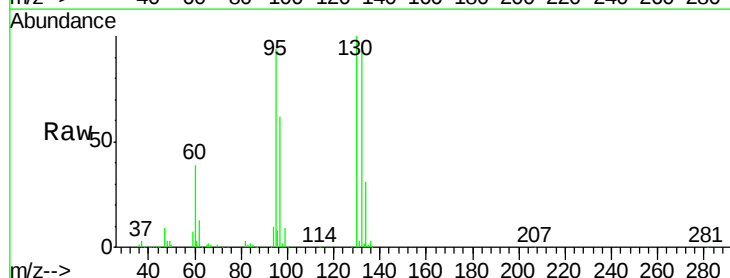
MMDadoda
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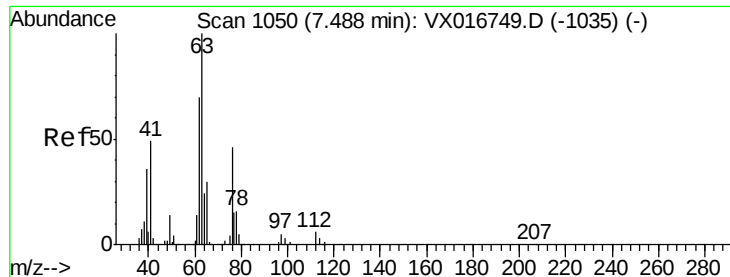


#44

Trichloroethene
 Concen: 52.639 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	183.6





#45

1,2-Dichloropropane

Concen: 52.707 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 193435

Ion Ratio Lower Upper

63 100

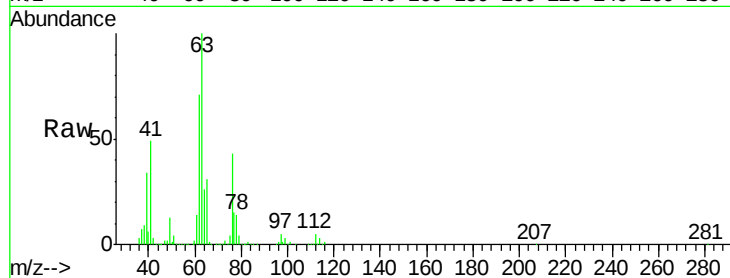
65 30.8 24.2 36.2

Manual Integrations

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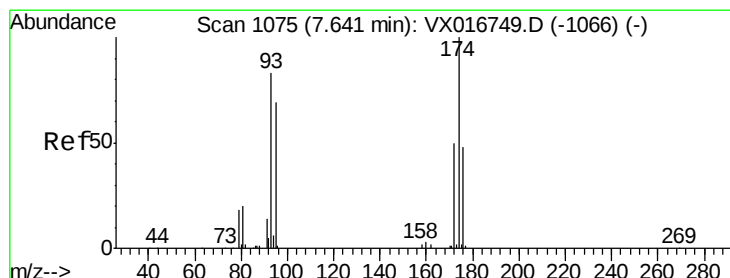
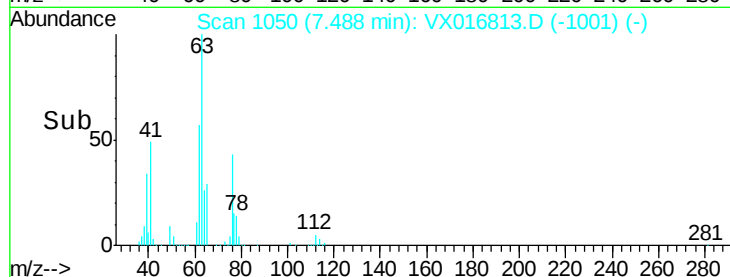
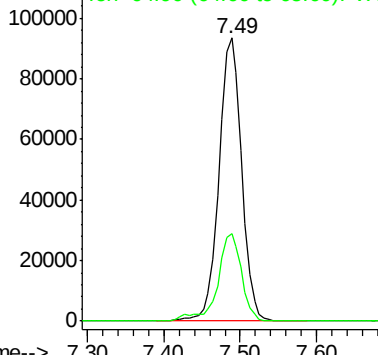
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.980 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

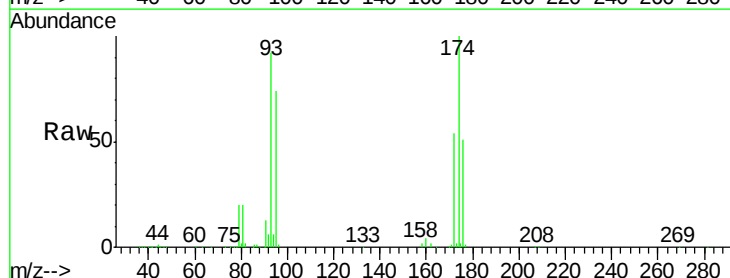
Tgt Ion: 93 Resp: 131016

Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

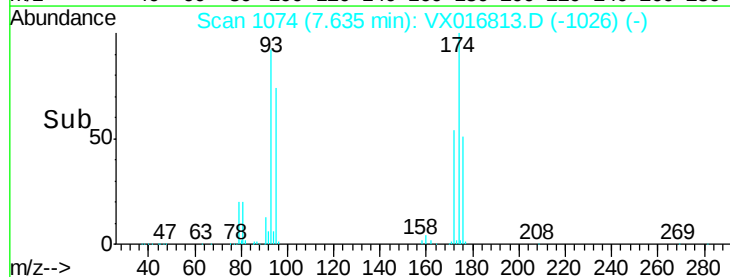
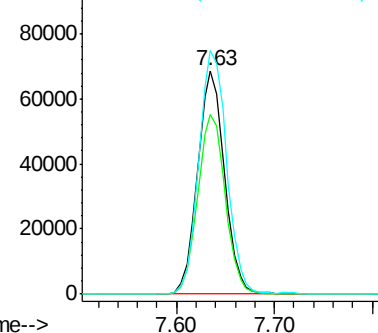
174 112.7 93.8 140.8

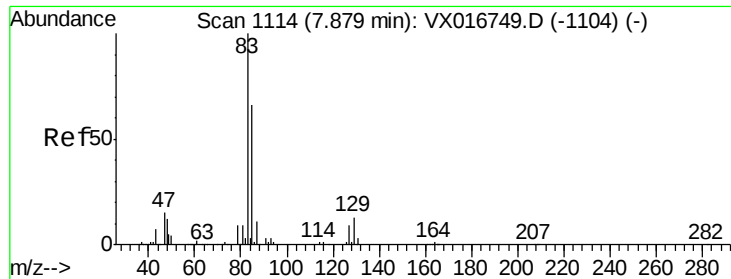


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.641 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

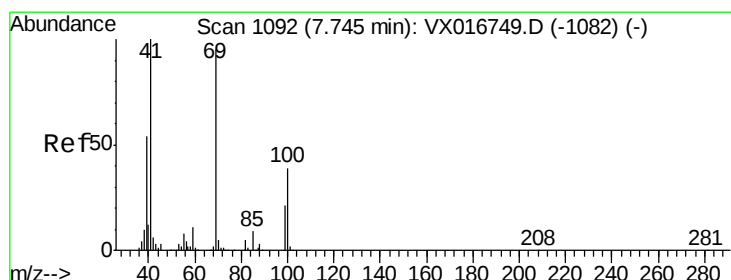
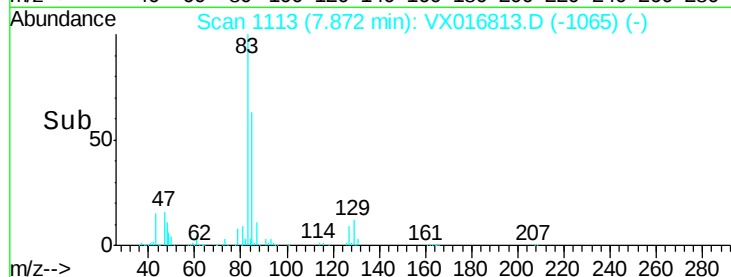
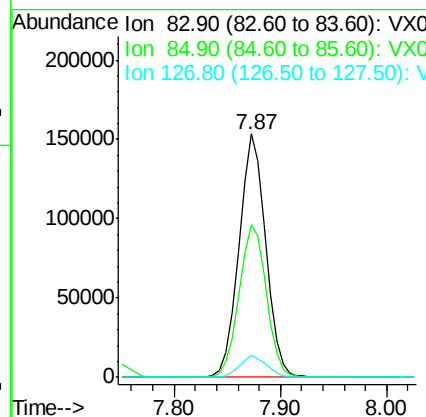
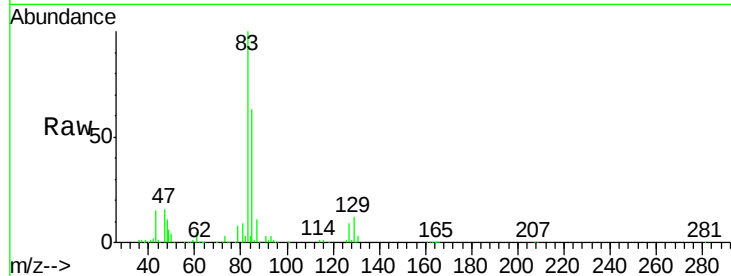
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	271248
Ion Ratio	Lower	Upper	
83	100		
85	62.6	52.5	78.7
127	9.0	7.5	11.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 52.339 ug/l

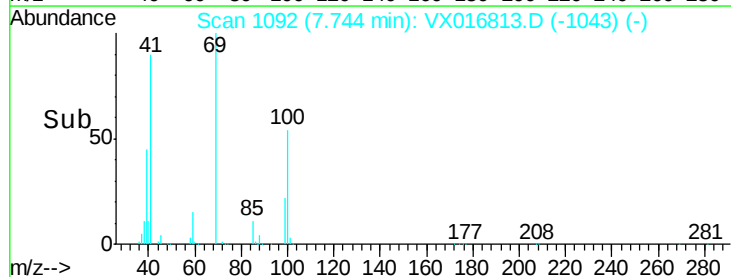
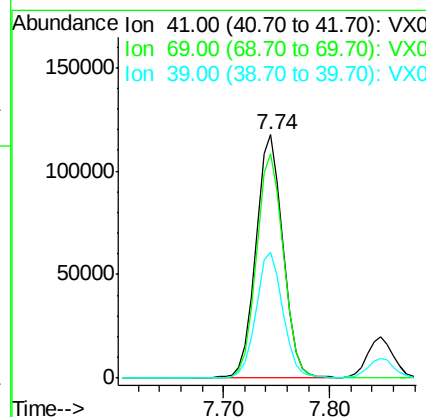
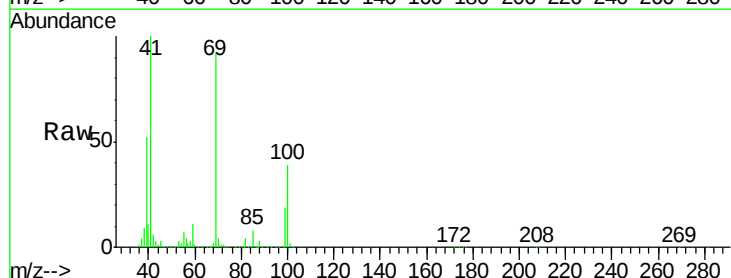
RT: 7.74 min Scan# 1092

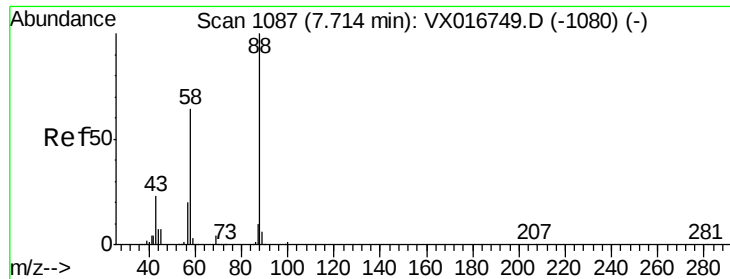
Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	41	Resp:	209360
Ion Ratio	Lower	Upper	
41	100		
69	92.7	75.0	112.6
39	51.4	44.3	66.5





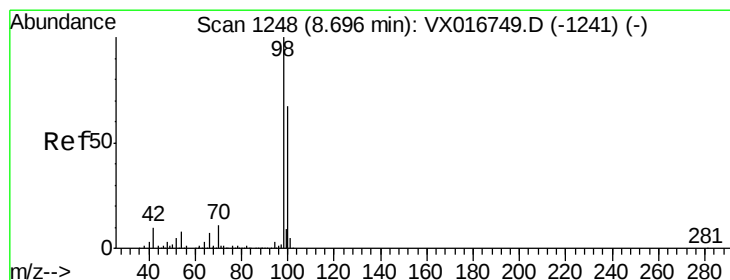
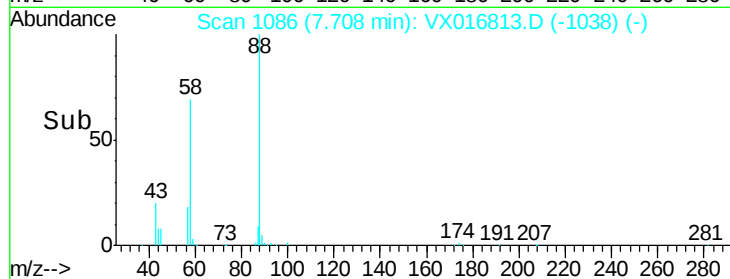
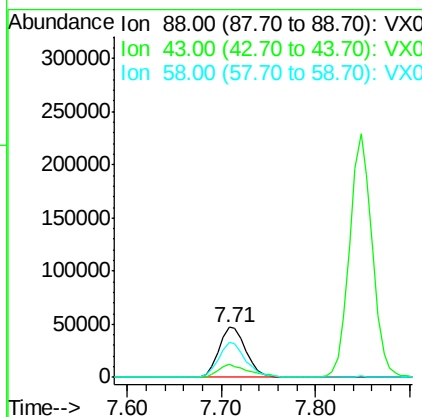
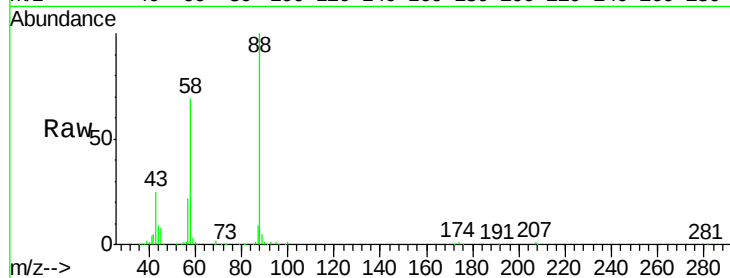
#49
 1,4-Dioxane
 Concen: 953.549 ug/l
 RT: 7.71 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.9	22.9	34.3
58	69.0	53.7	80.5

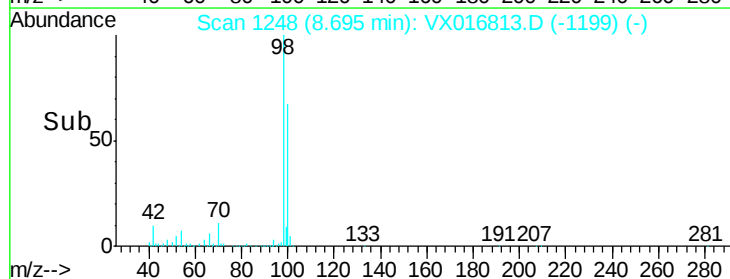
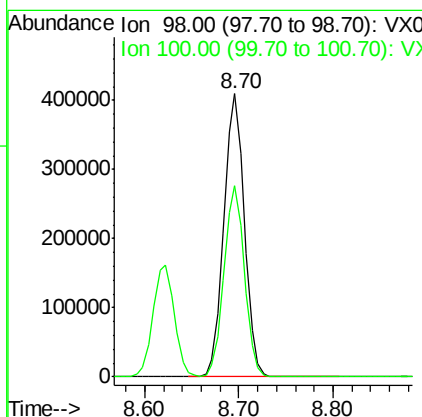
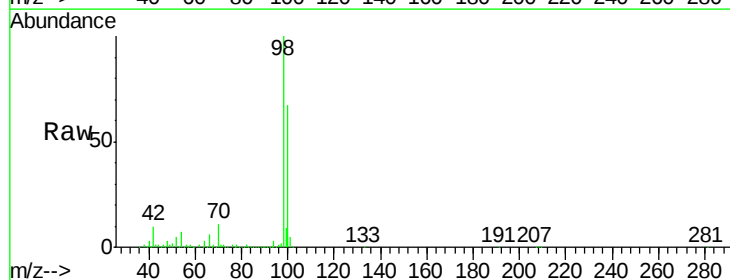
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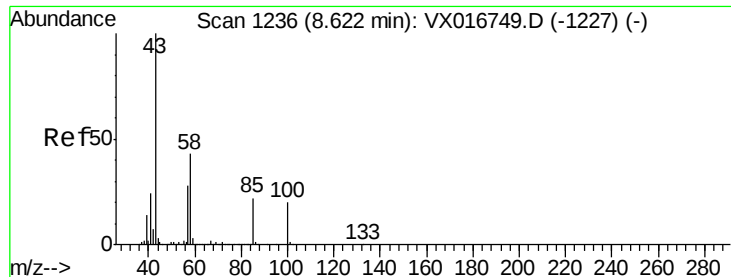
MMDadoda
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#50
 Toluene-d8
 Concen: 48.930 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.9	80.9





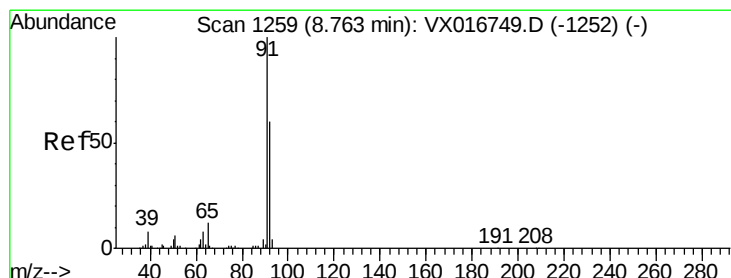
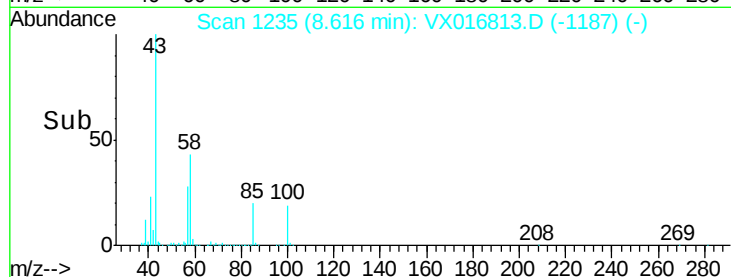
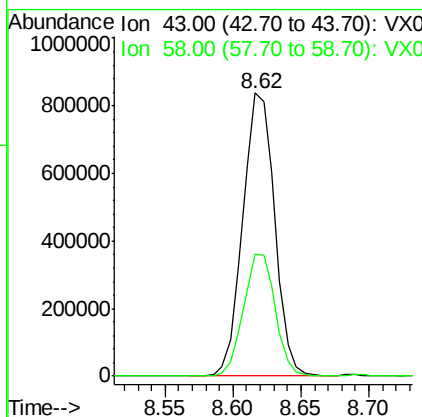
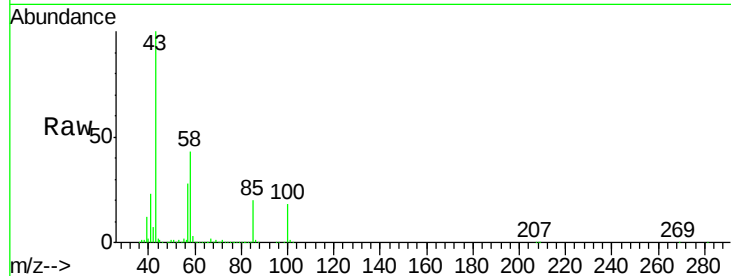
#51
 4-Methyl-2-Pentanone
 Concen: 264.320 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1374632
 Ion Ratio Lower Upper
 43 100
 58 43.0 34.6 52.0

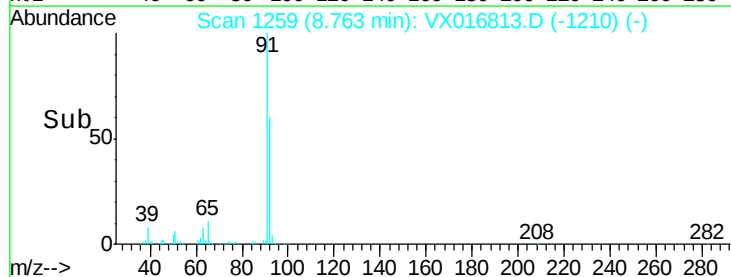
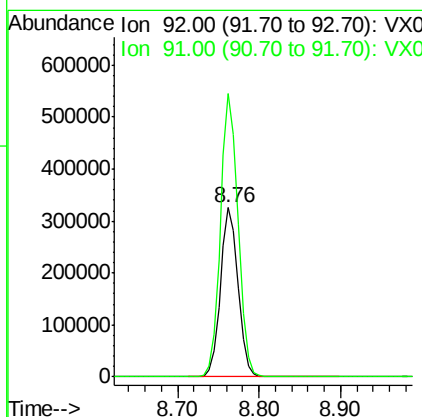
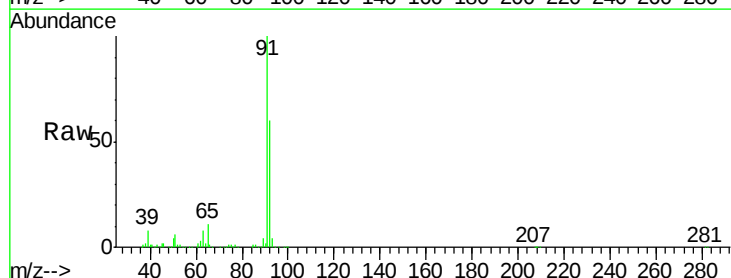
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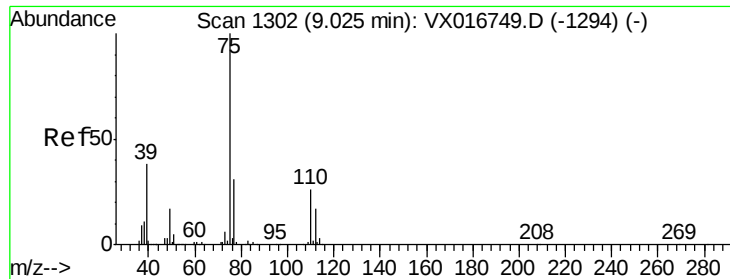
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#52
 Toluene
 Concen: 50.366 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion: 92 Resp: 489794
 Ion Ratio Lower Upper
 92 100
 91 167.8 136.1 204.1





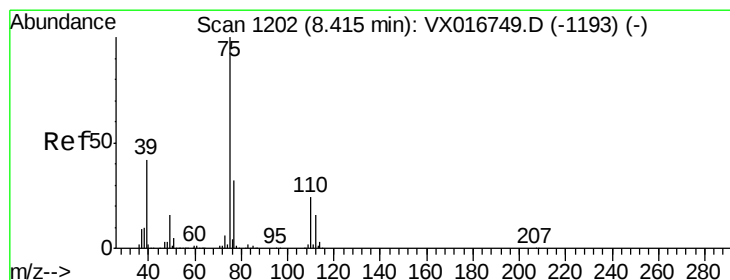
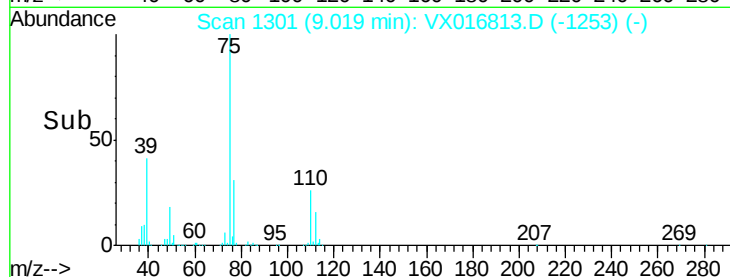
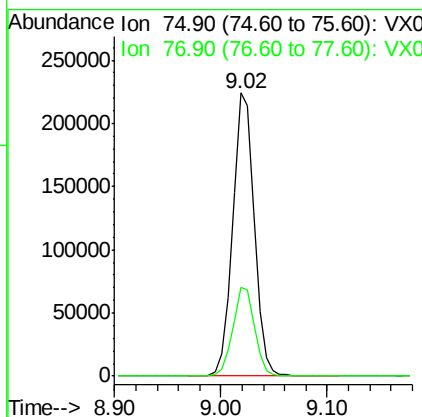
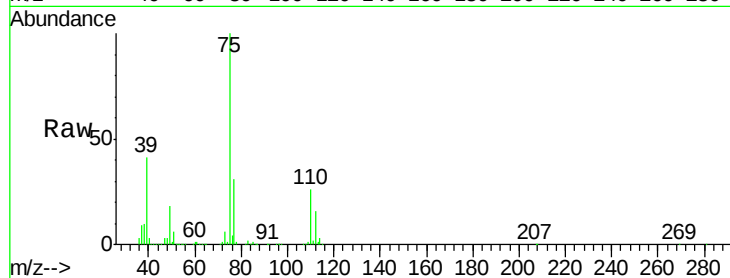
#53
t-1,3-Dichloropropene
Concen: 50.637 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 318942
Ion Ratio Lower Upper
75 100
77 31.3 24.7 37.1

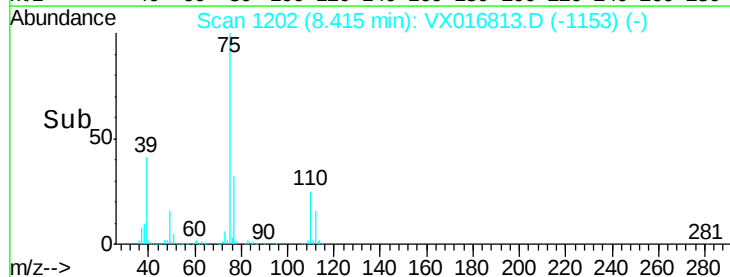
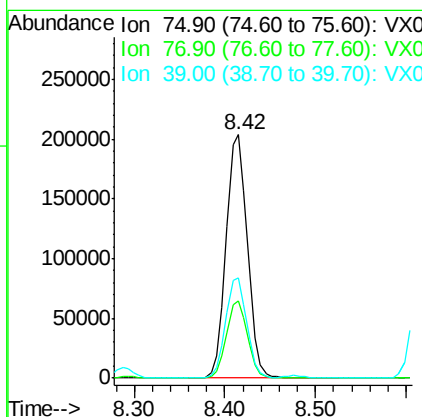
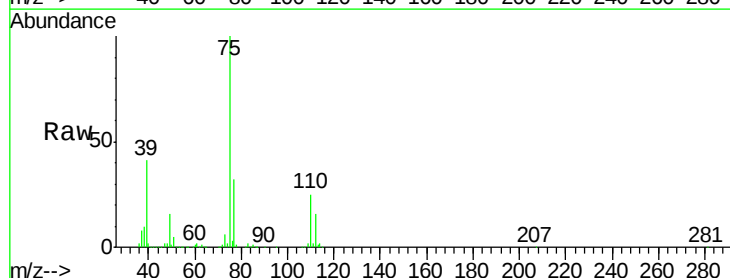
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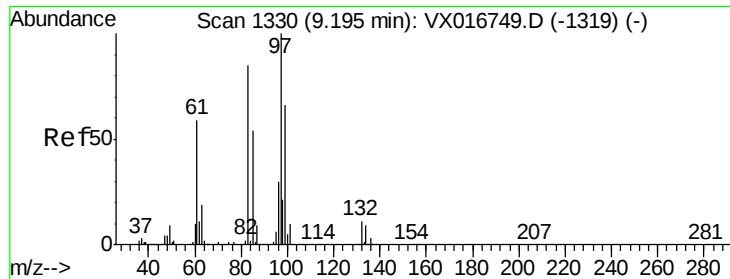
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 50.380 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 75 Resp: 330997
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9
39 41.3 33.7 50.5





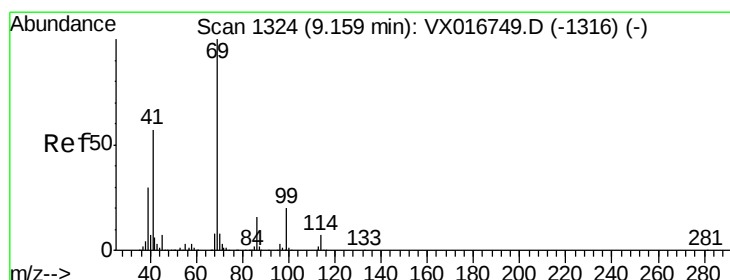
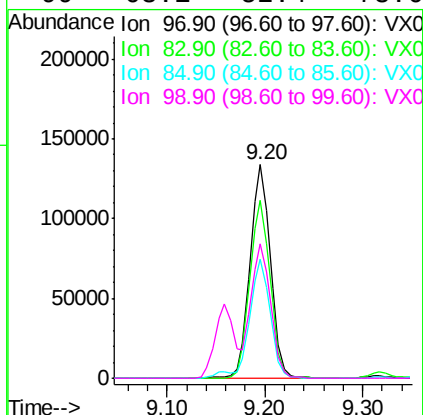
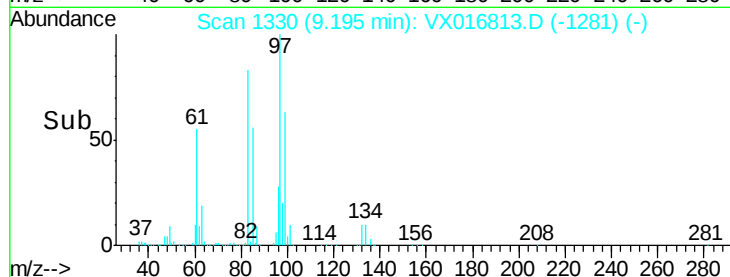
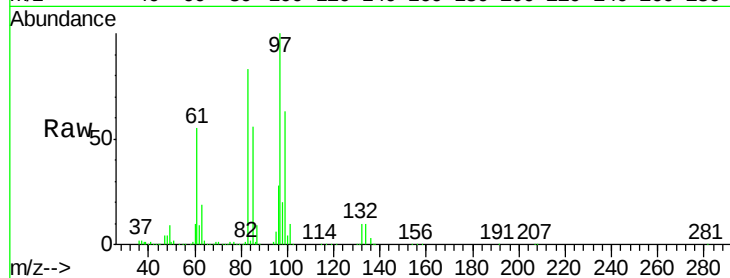
#55
 1,1,2-Trichloroethane
 Concen: 49.495 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		193570		
83	83.4	68.3	102.5		
85	55.6	43.5	65.3		
99	63.1	52.4	78.6		

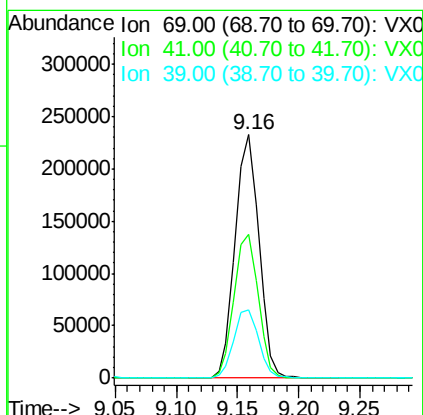
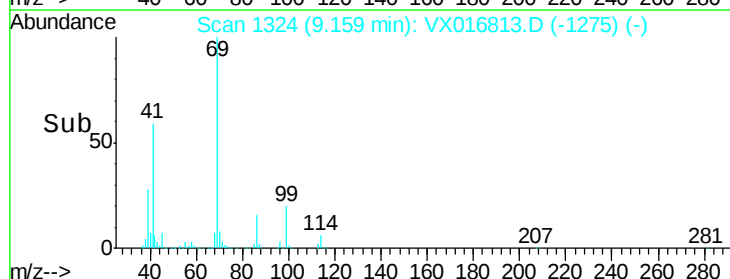
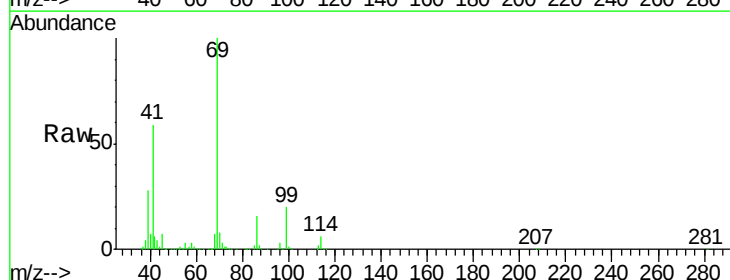
Manual Integrations
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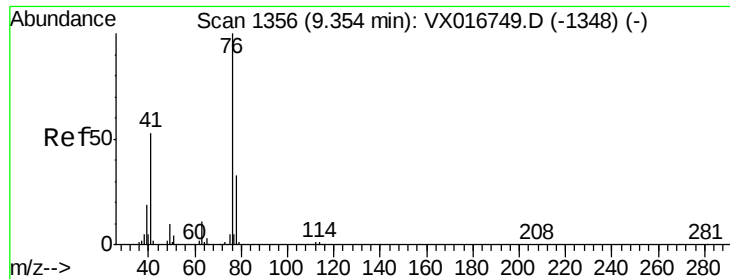
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#56
 Ethyl methacrylate
 Concen: 53.884 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		315514		
41	59.8	47.1	70.7		
39	29.5	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 49.868 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 327834

Ion Ratio Lower Upper

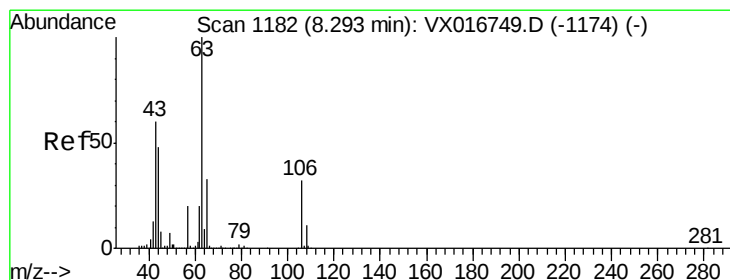
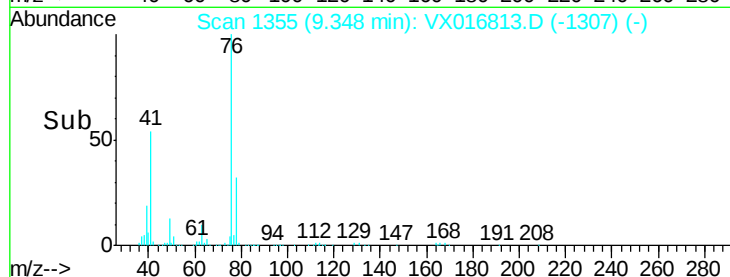
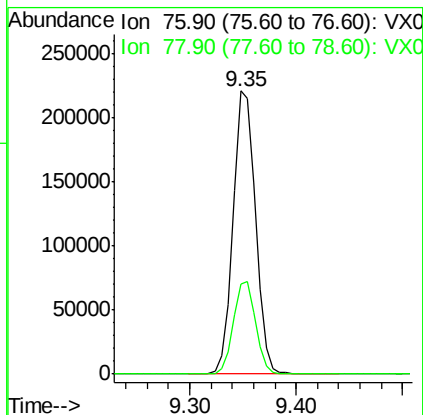
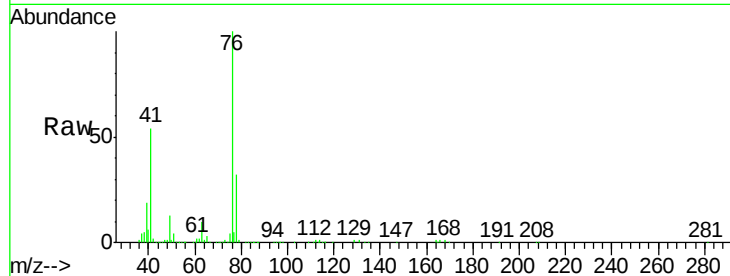
76 100

78 32.5 25.7 38.5

Manual Integrations
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MMDadoda

6/18/2020 9:36:49 AM



#58

2-Chloroethyl Vinyl ether

Concen: 276.308 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016813.D

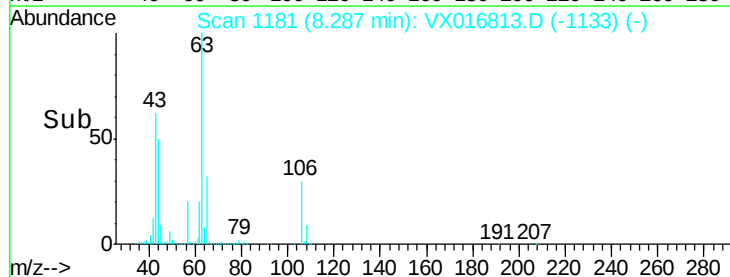
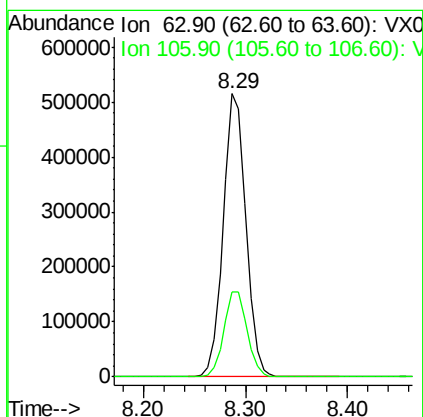
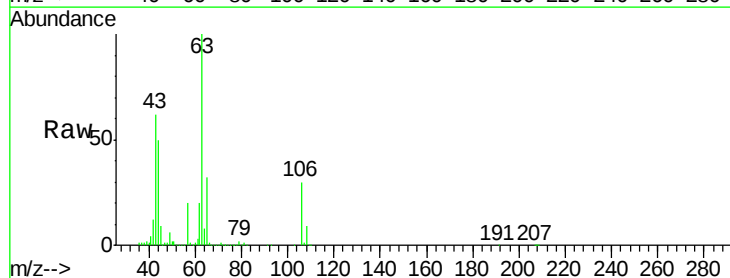
Acq: 17 Jun 2020 12:39

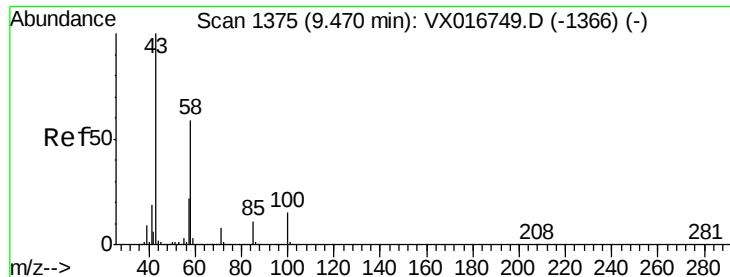
Tgt Ion: 63 Resp: 795511

Ion Ratio Lower Upper

63 100

106 30.8 25.5 38.3





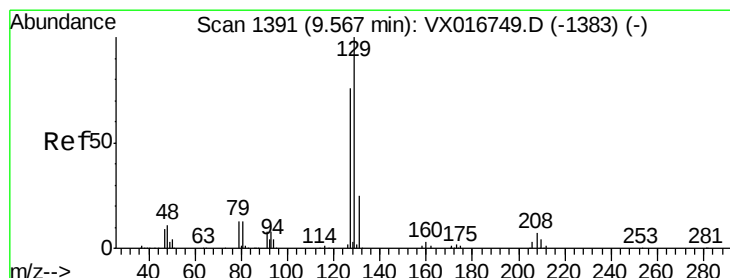
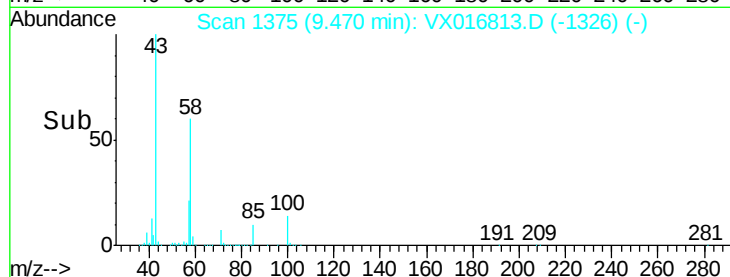
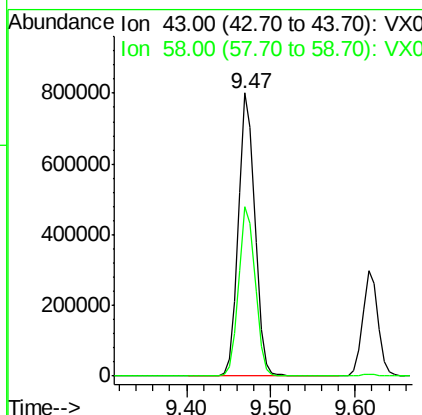
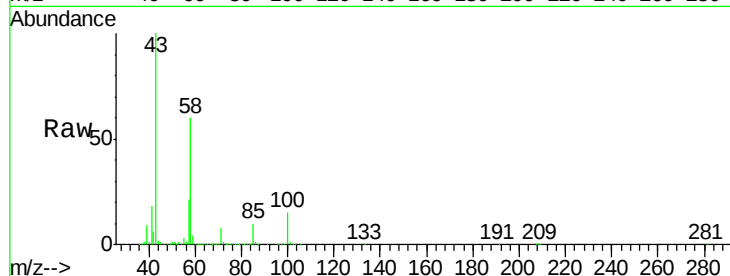
#59
2-Hexanone
Concen: 260.517 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1045900
Ion Ratio Lower Upper
43 100
58 60.2 29.9 89.8

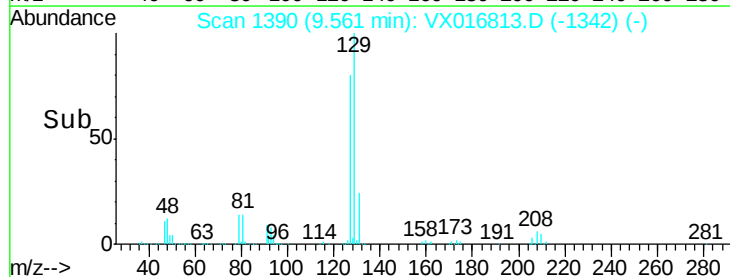
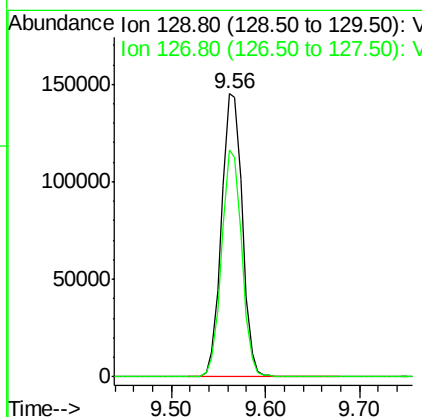
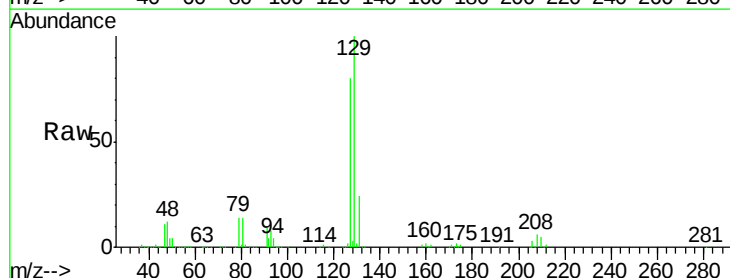
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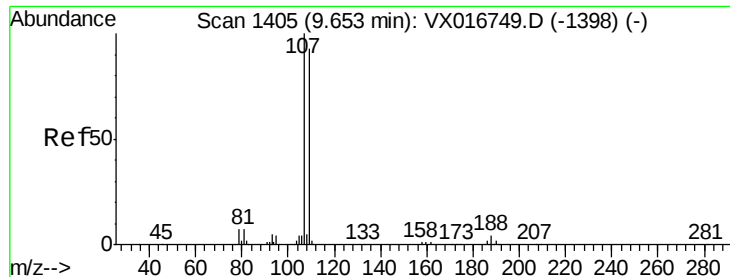
MMDadoda
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#60
Dibromochloromethane
Concen: 48.086 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 129 Resp: 222257
Ion Ratio Lower Upper
129 100
127 77.5 38.7 116.1





#61

1,2-Dibromoethane

Concen: 49.153 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 209500

Ion Ratio Lower Upper

107 100

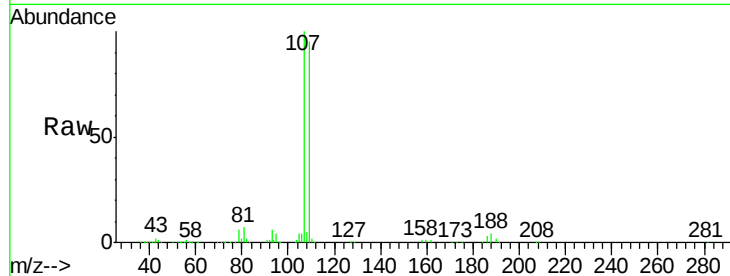
109 94.1 74.2 111.4

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

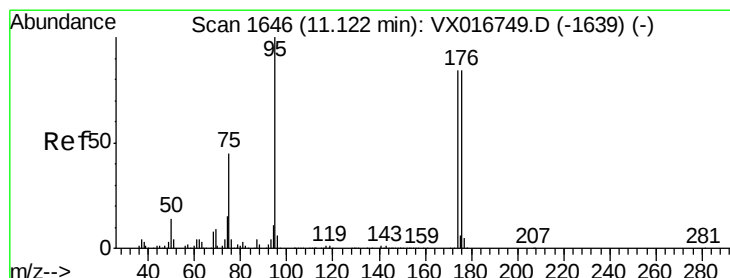
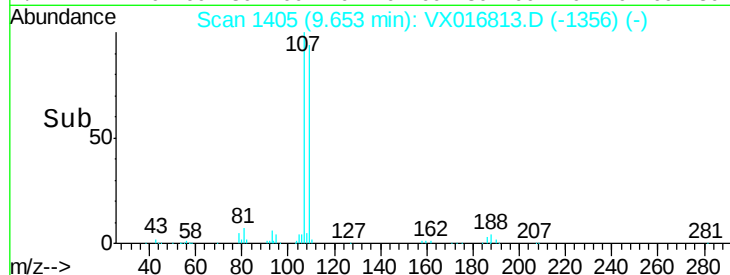
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.888 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

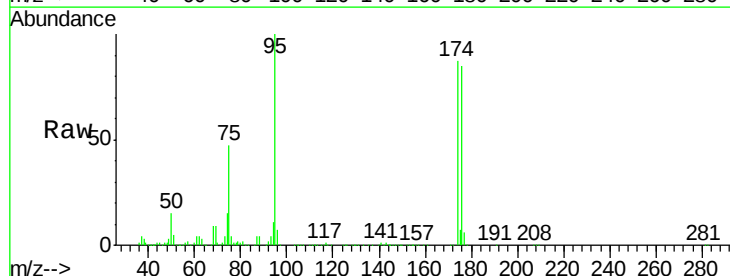
Tgt Ion: 95 Resp: 222184

Ion Ratio Lower Upper

95 100

174 84.9 0.0 171.0

176 83.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

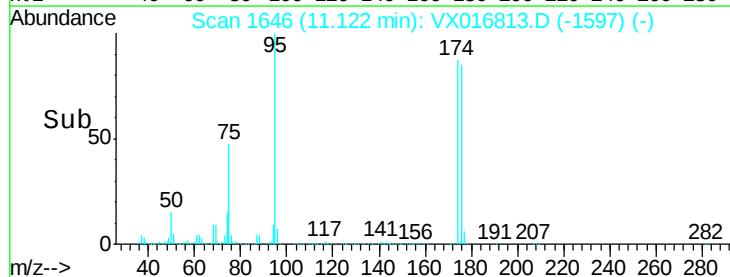
150000

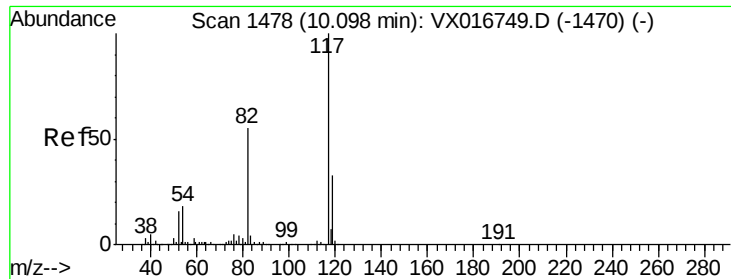
100000

50000

0

Time-->





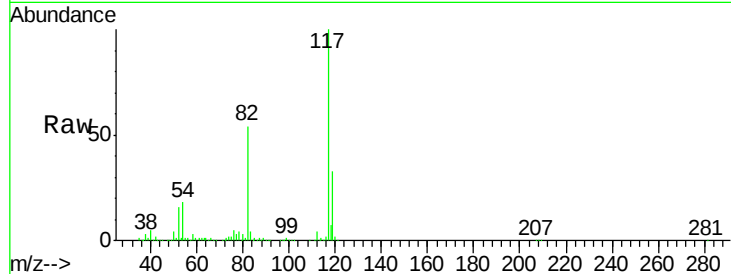
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.8	65.6
119	33.2	26.2	39.4

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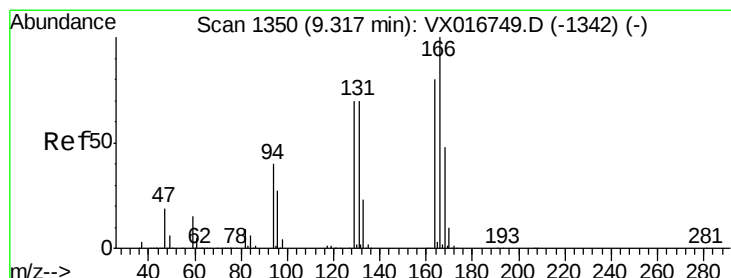
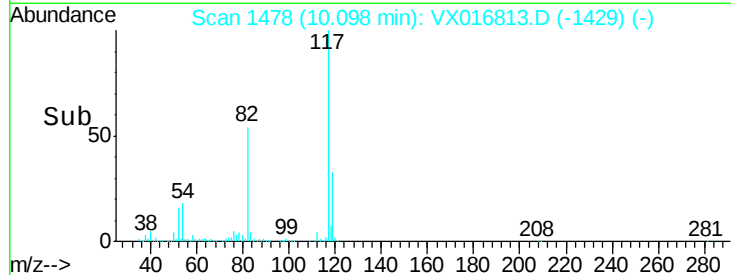
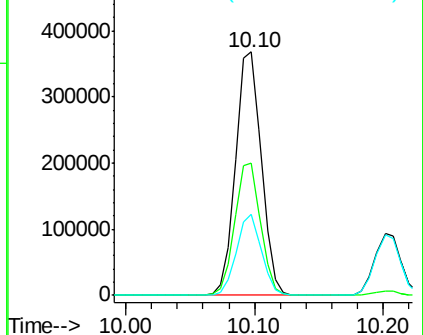


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 55.349 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	100.6	150.8
129	90.6	70.1	105.1
131	88.3	70.8	106.2

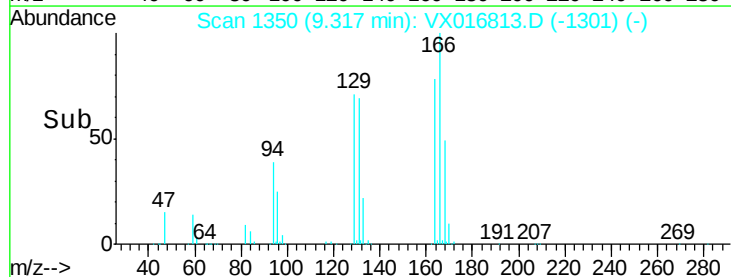
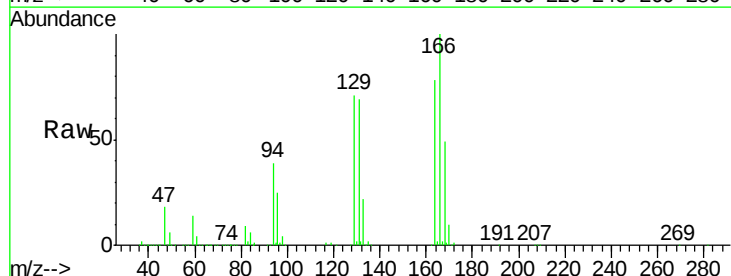
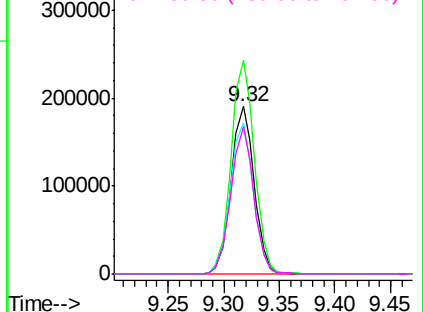
Abundance

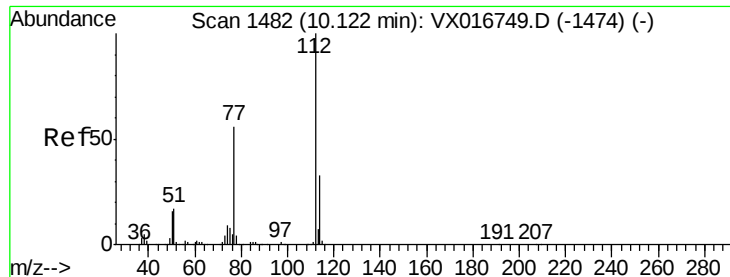
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 50.687 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 529332

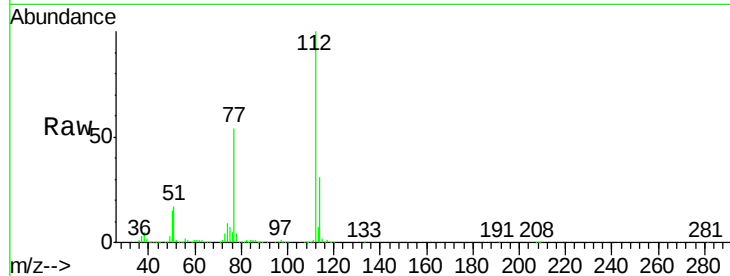
Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.4

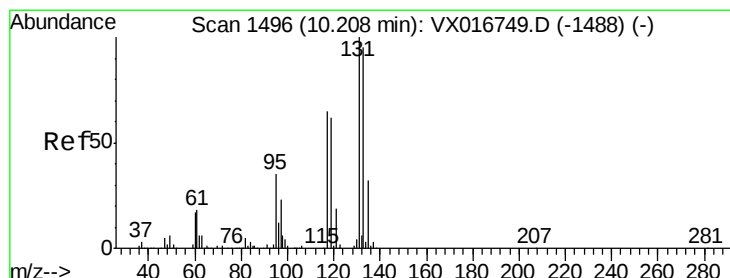
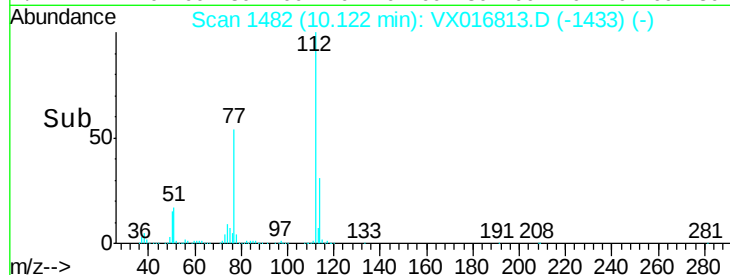
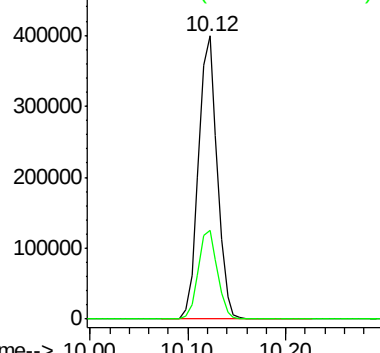
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.586 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

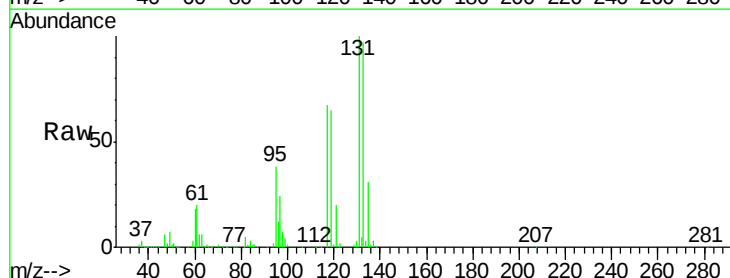
Tgt Ion:131 Resp: 198246

Ion Ratio Lower Upper

131 100

133 97.1 46.8 140.3

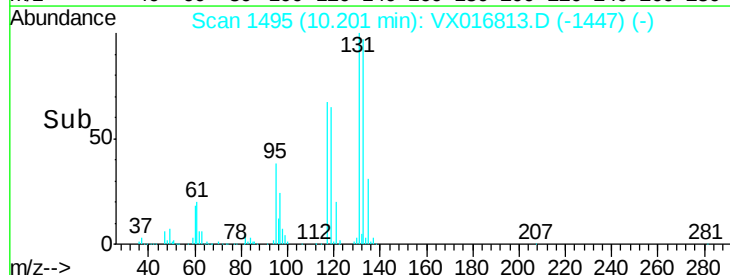
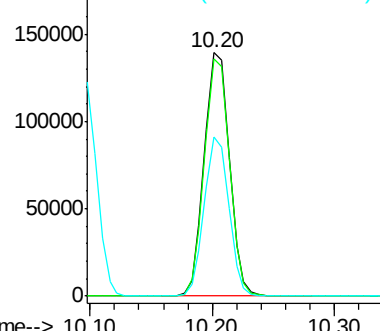
119 63.9 31.4 94.0

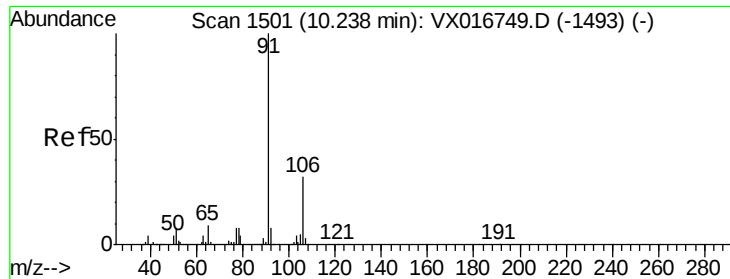


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





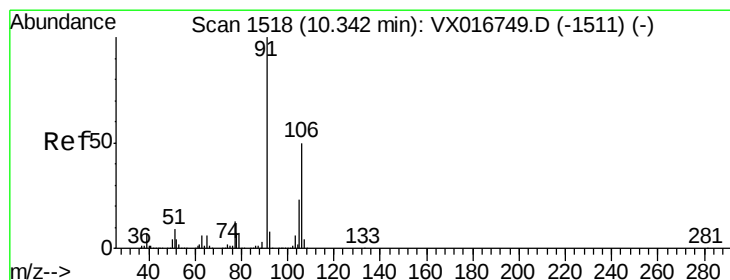
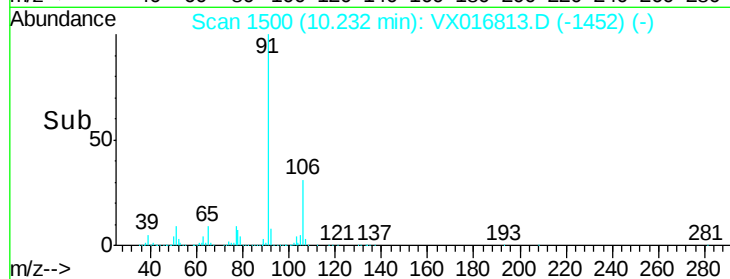
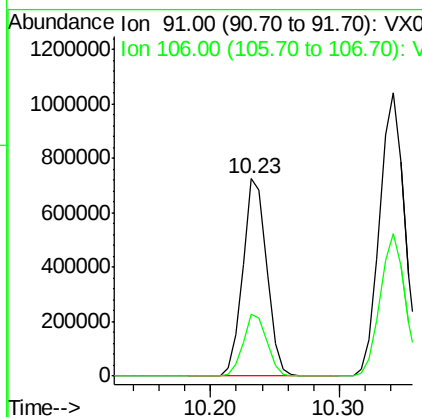
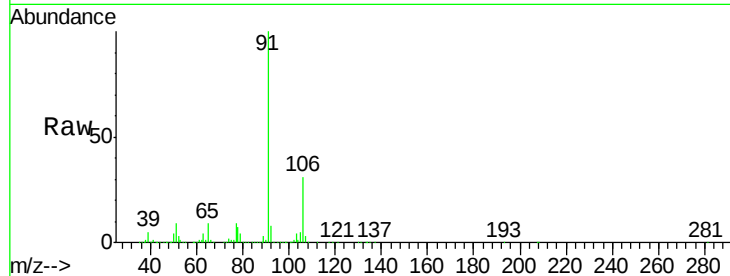
#67
Ethyl Benzene
Concen: 52.452 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 926022
Ion Ratio Lower Upper
91 100
106 31.4 25.3 37.9

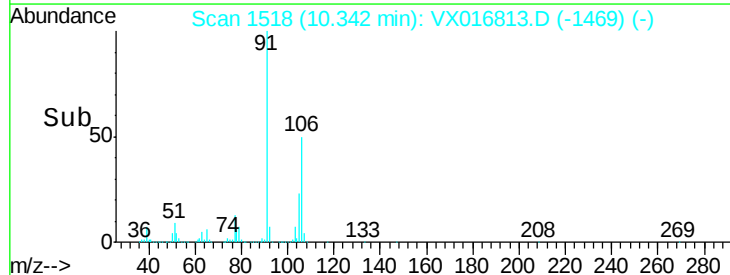
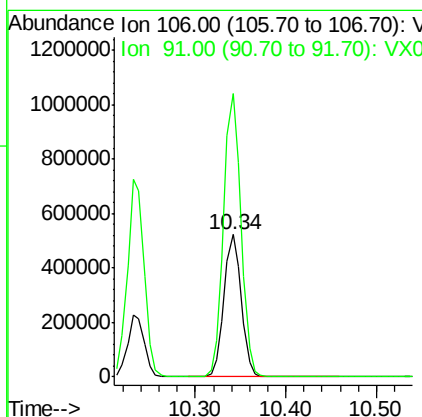
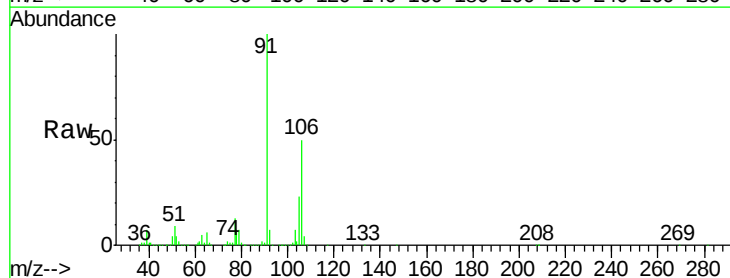
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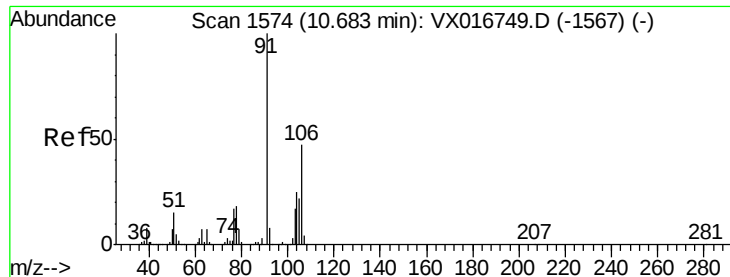
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#68
m/p-Xylenes
Concen: 104.050 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion: 106 Resp: 696489
Ion Ratio Lower Upper
106 100
91 200.4 161.2 241.8





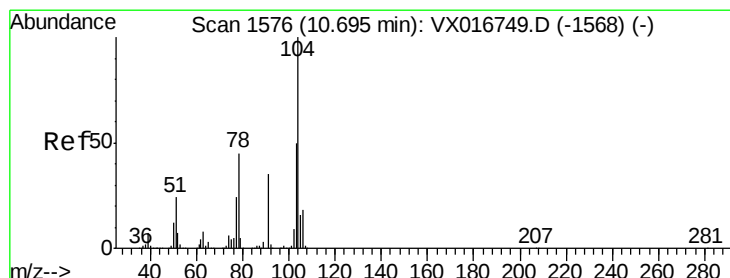
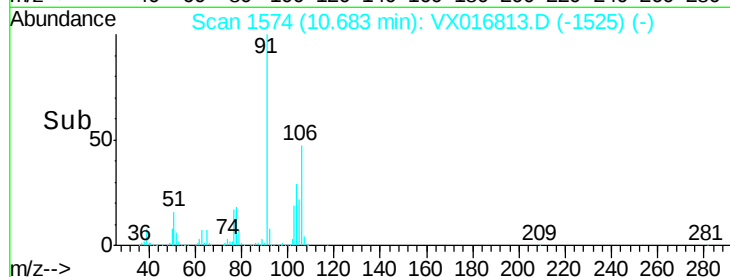
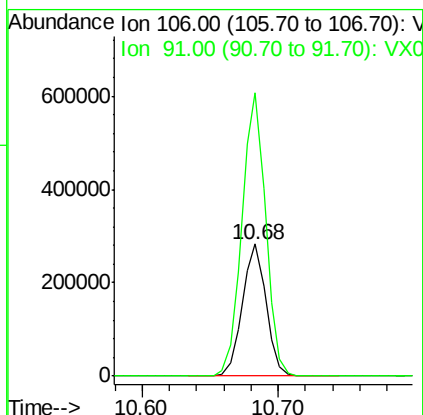
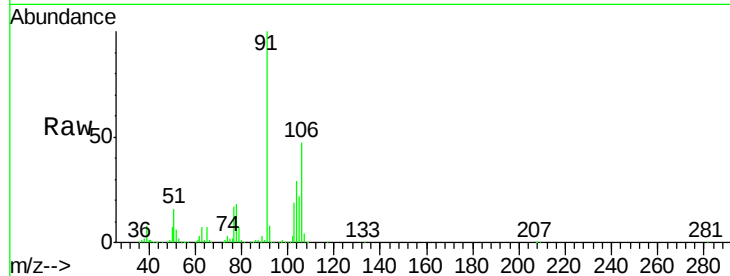
#69
o-Xylene
Concen: 53.324 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		343871		
91	213.7	106.9	320.8		

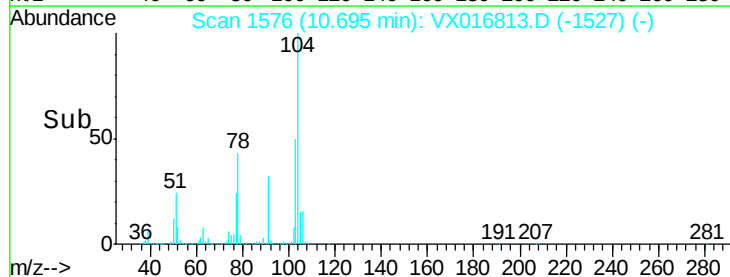
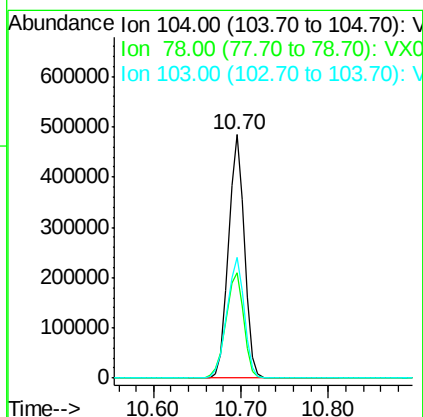
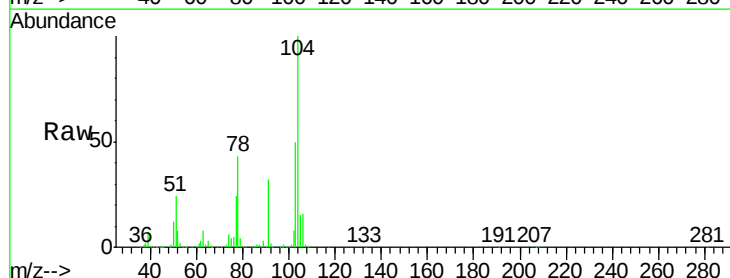
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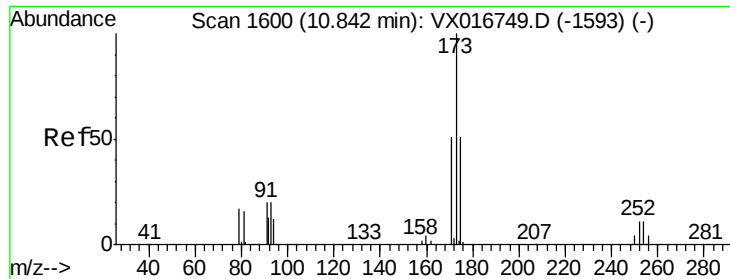
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#70
Styrene
Concen: 54.865 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		611635		
78	48.3	39.8	59.8		
103	53.9	43.4	65.2		





#71

Bromoform

Concen: 49.413 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

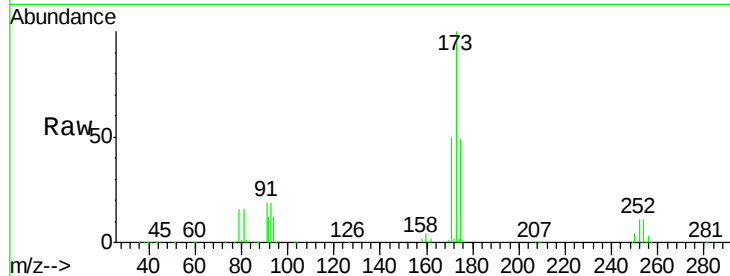
ClientSampleId :

VSTDCCC050

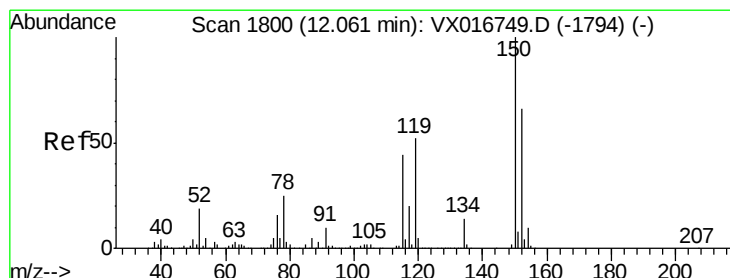
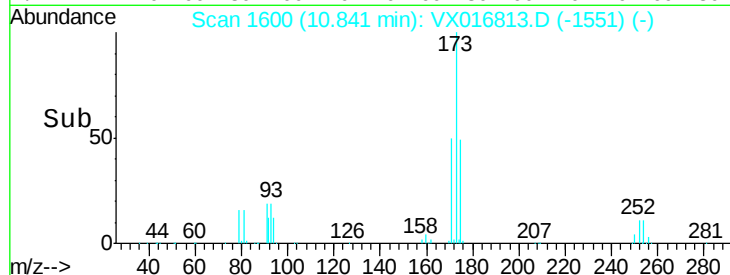
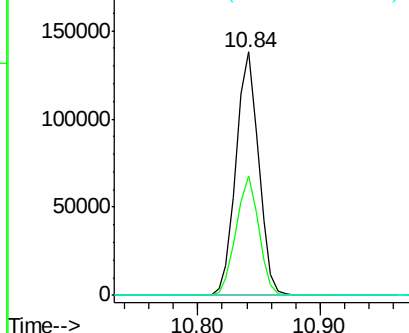
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	25.1	75.4
254	0.1	0.1	0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

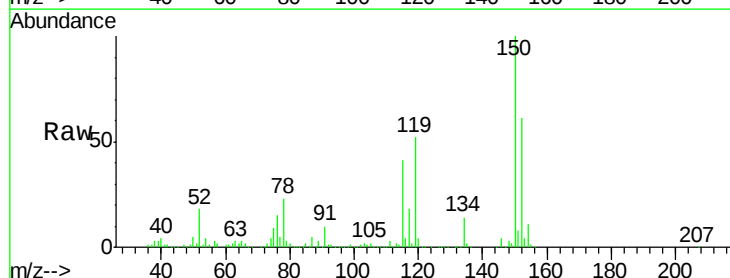
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

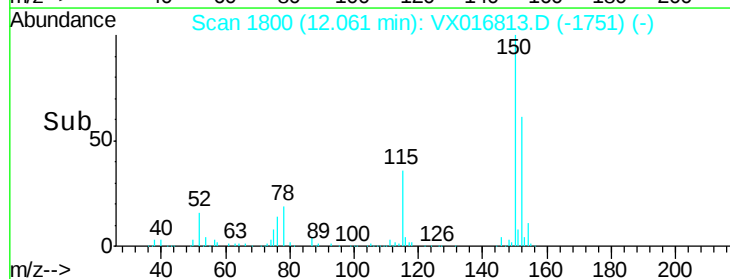
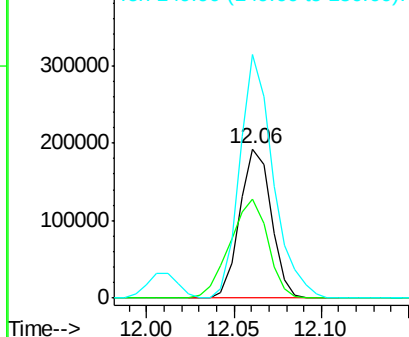
Lab File: VX016813.D

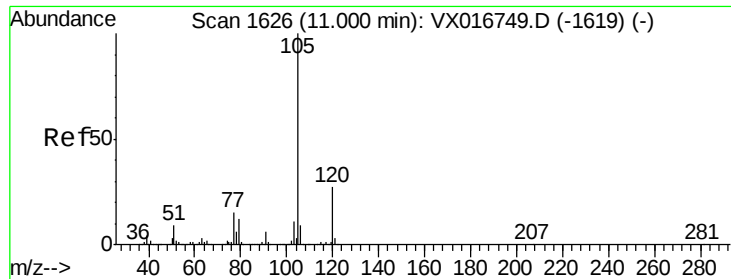
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.7	40.3	120.8
150	173.0	0.0	337.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.871 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 901129

Ion Ratio Lower Upper

105 100

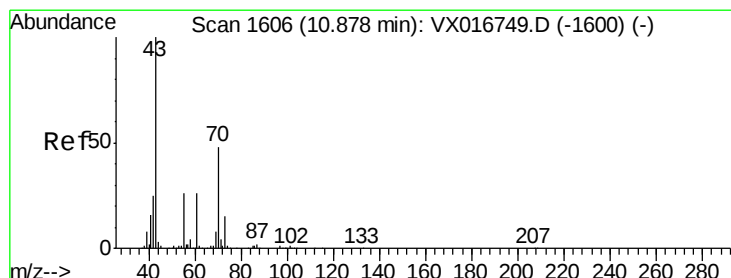
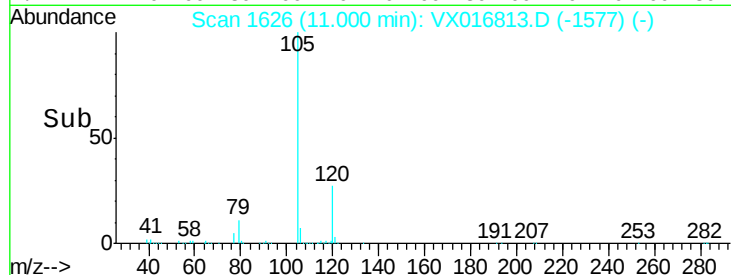
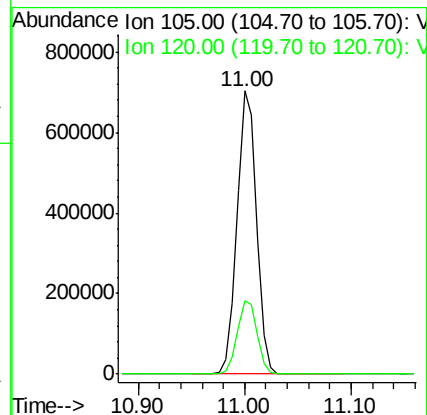
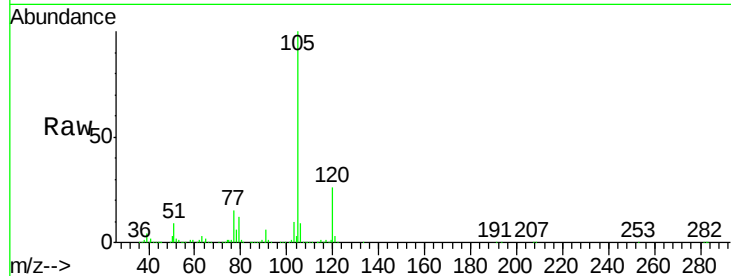
120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 58.832 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion: 43 Resp: 362314

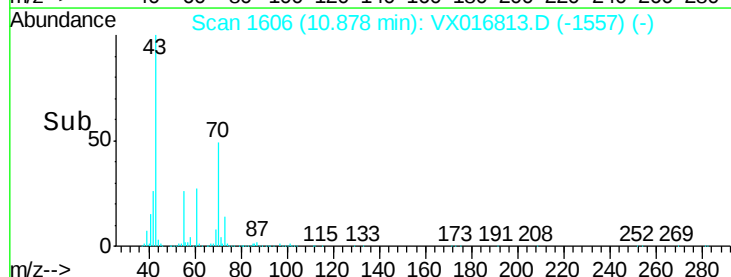
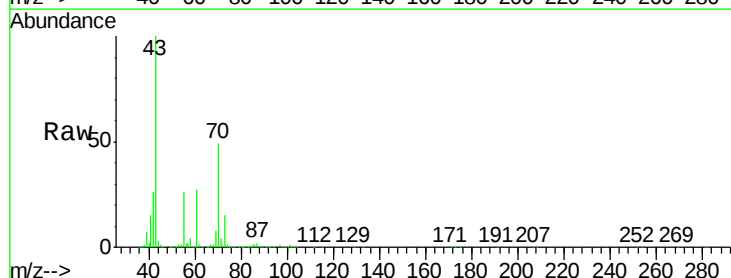
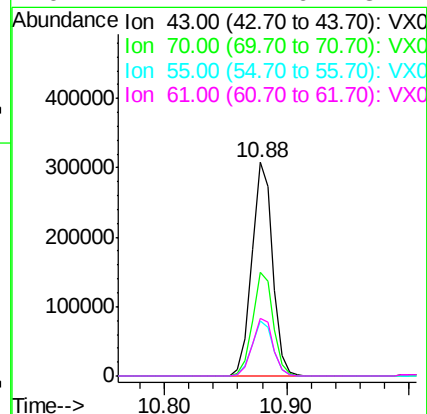
Ion Ratio Lower Upper

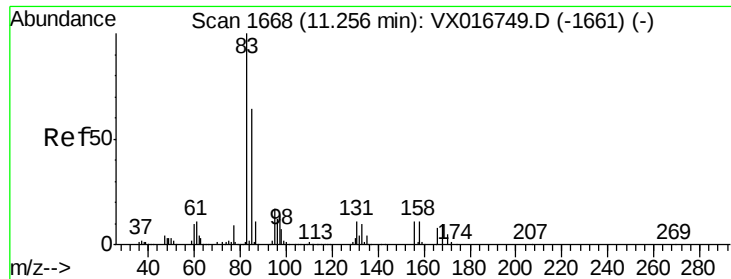
43 100

70 48.6 39.8 59.6

55 26.2 21.7 32.5

61 27.2 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.084 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

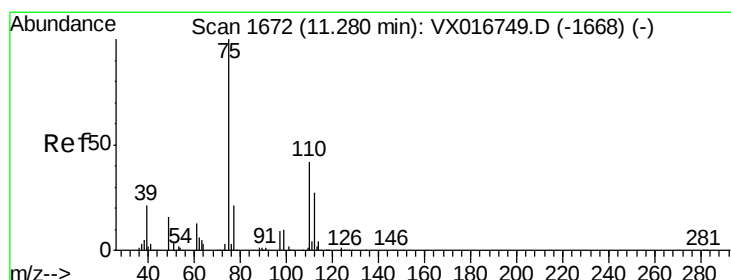
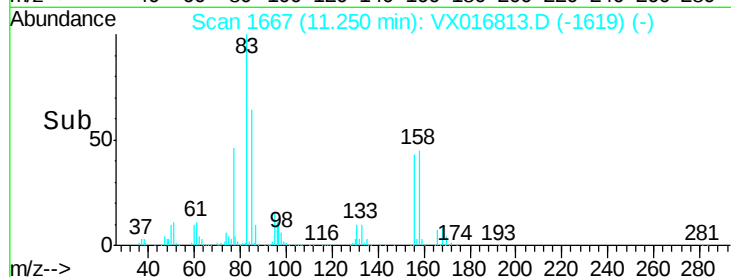
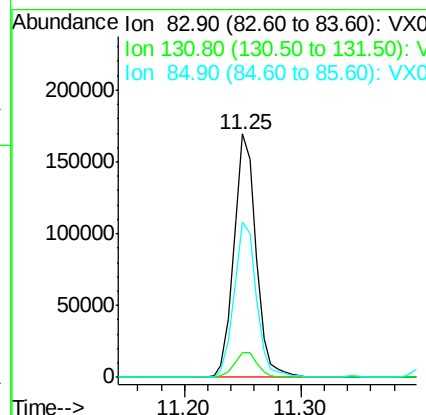
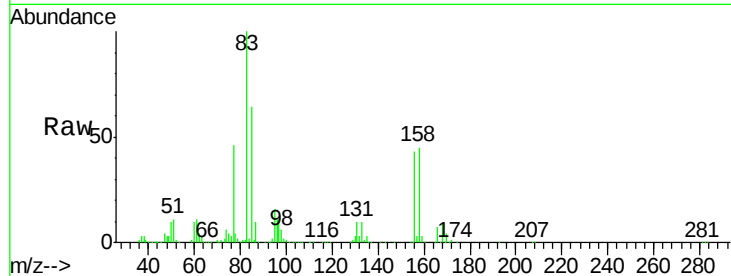
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	224120
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.7	17.0
85	64.8	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 51.432 ug/l m

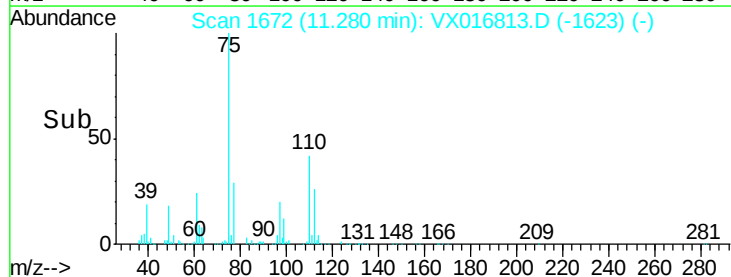
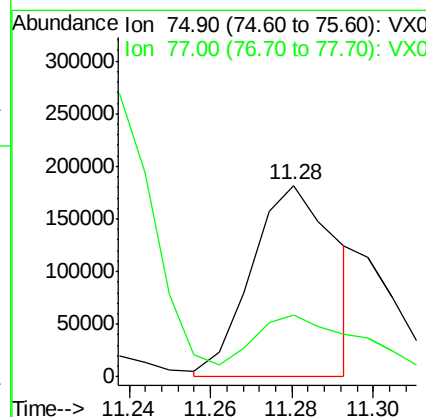
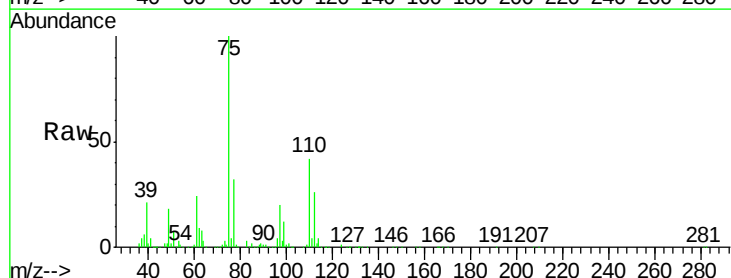
RT: 11.28 min Scan# 1672

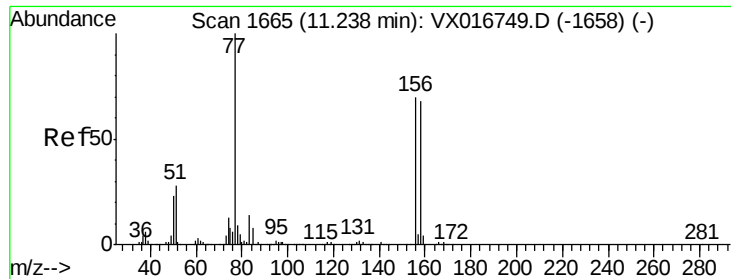
Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	75	Resp:	261185
Ion Ratio	Lower	Upper	
75	100		
77	42.3	20.3	60.9





#77

Bromobenzene

Concen: 51.177 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

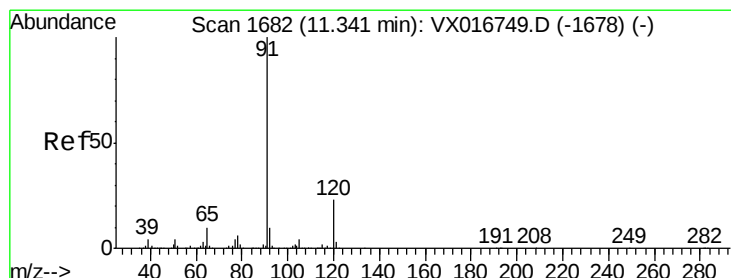
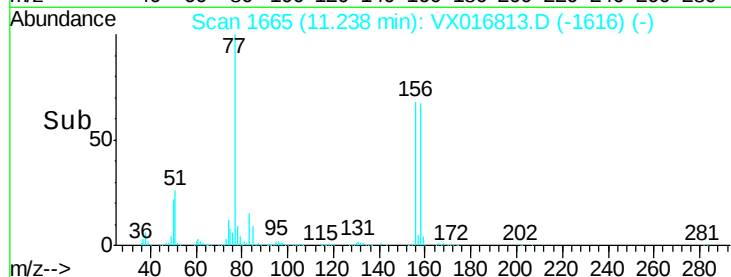
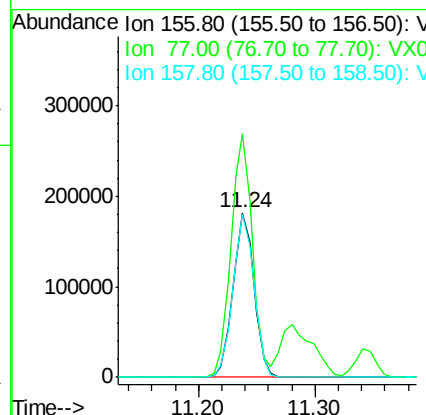
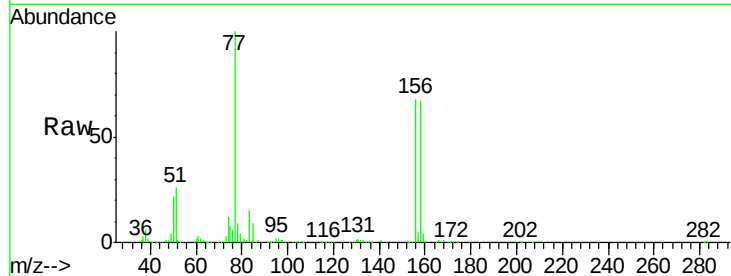
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	228962
Ion Ratio	Lower	Upper	
156	100		
77	149.5	73.2	219.6
158	99.5	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 57.974 ug/l

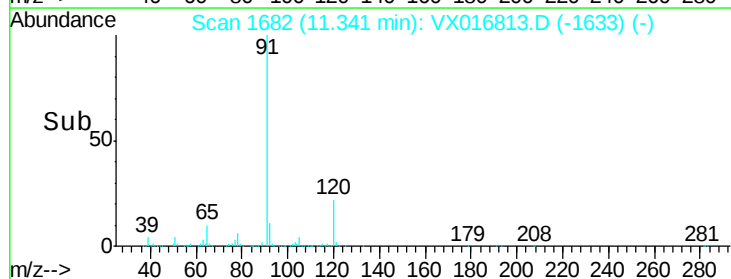
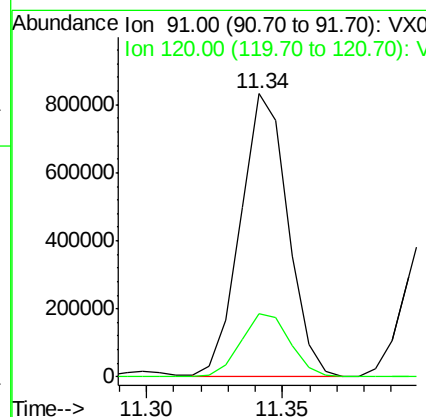
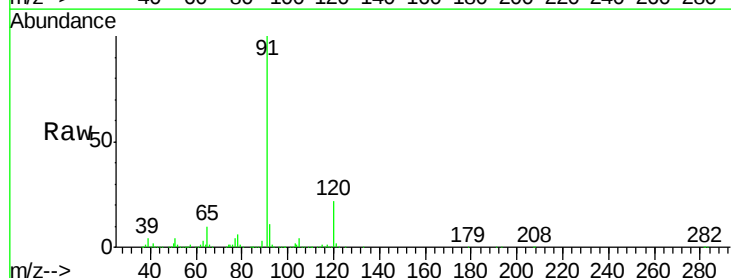
RT: 11.34 min Scan# 1682

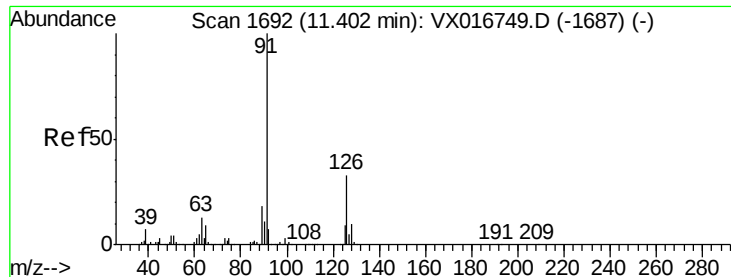
Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Tgt Ion:	91	Resp:	997589
Ion Ratio	Lower	Upper	
91	100		
120	23.2	12.0	36.0





#79

2-Chlorotoluene

Concen: 53.249 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016813.D

Acq: 17 Jun 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 579415

Ion Ratio Lower Upper

91 100

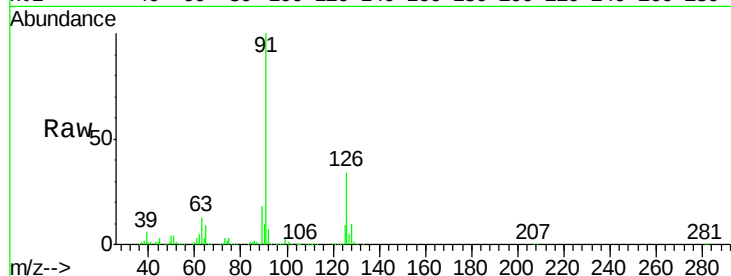
126 34.6 17.2 51.5

Manual Integrations

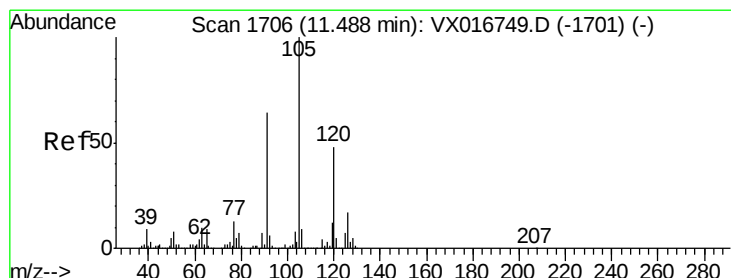
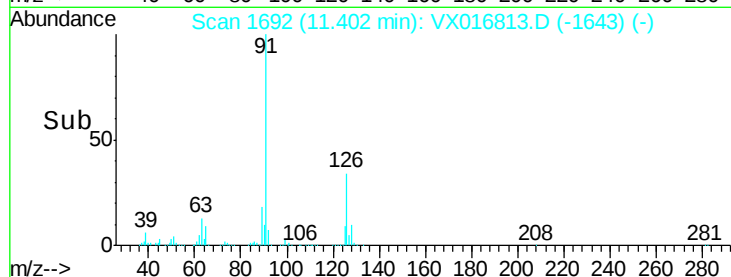
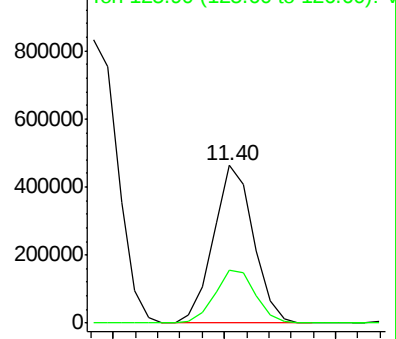
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Abundance Ion 91.00 (90.70 to 91.70): VX016749.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.497 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016813.D

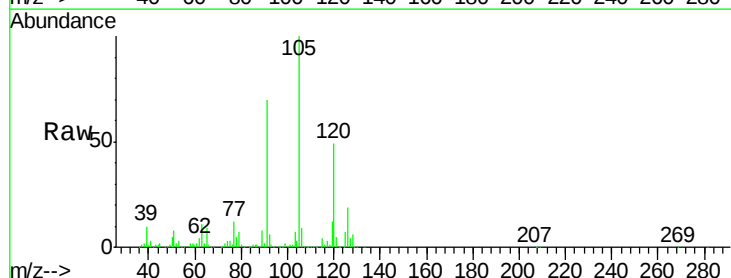
Acq: 17 Jun 2020 12:39

Tgt Ion: 105 Resp: 776989

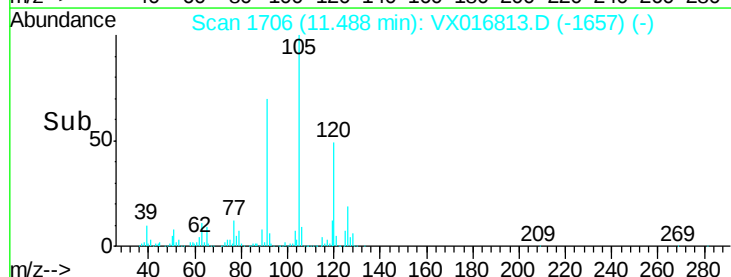
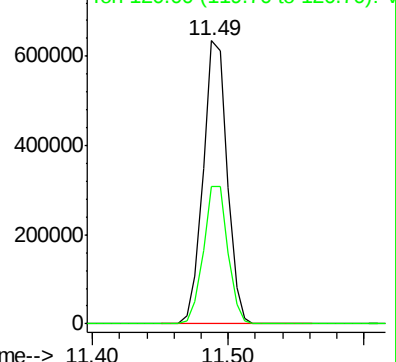
Ion Ratio Lower Upper

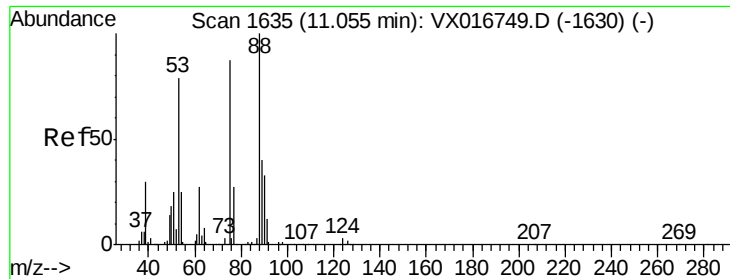
105 100

120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX016749.D (-1701) (-)





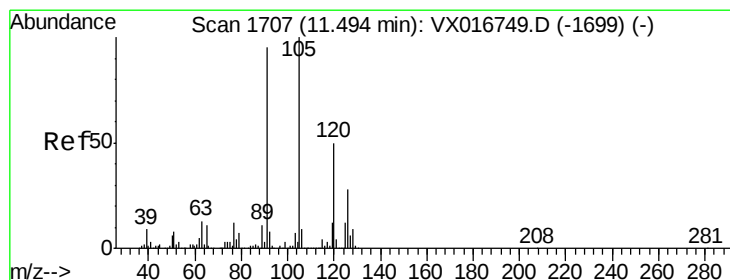
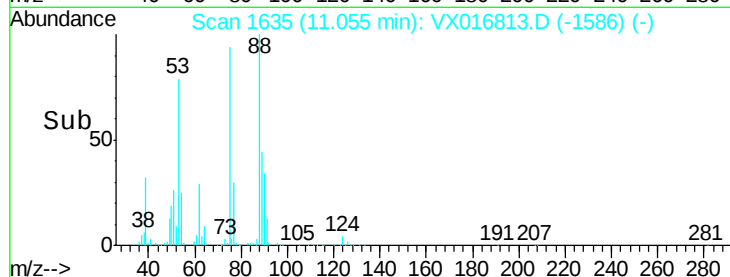
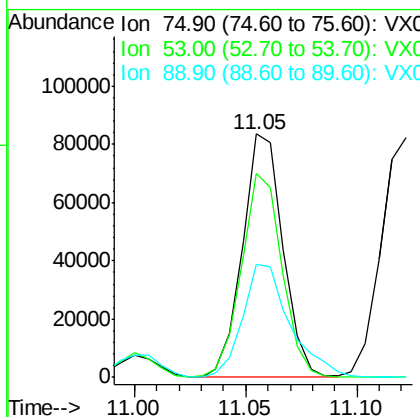
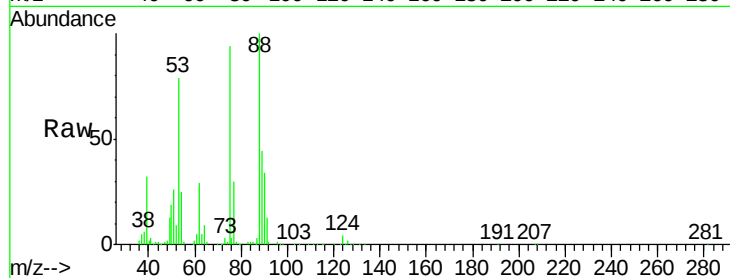
#81
trans-1,4-Dichloro-2-butene
Concen: 52.786 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	83.6	71.4	107.0
89	54.4	39.1	58.7

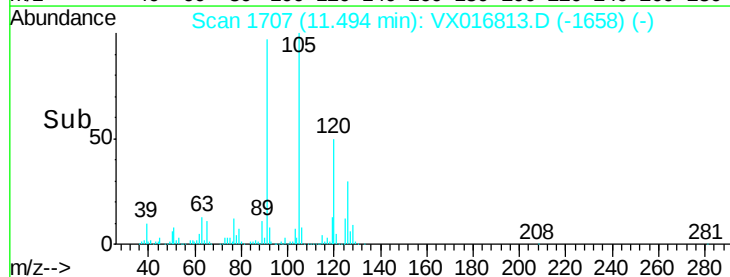
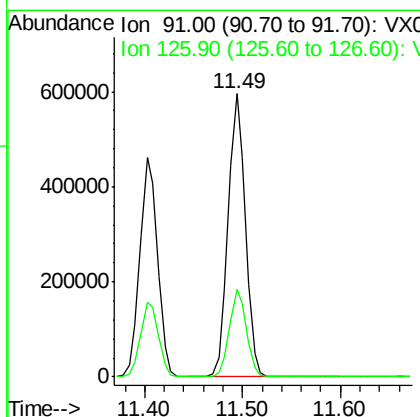
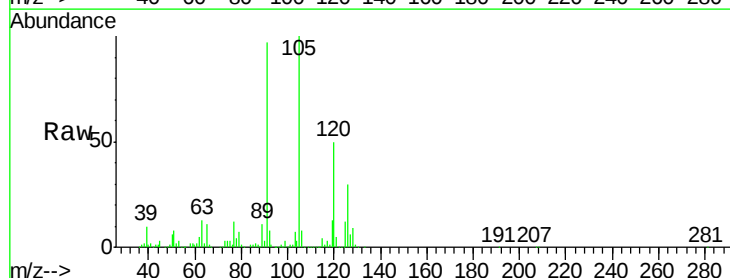
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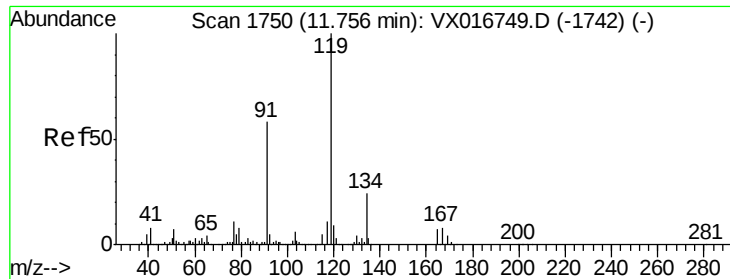
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#82
4-Chlorotoluene
Concen: 57.225 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





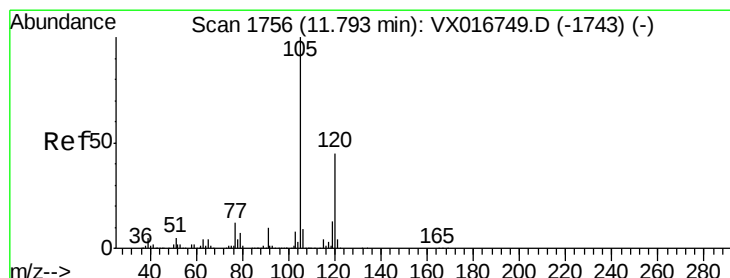
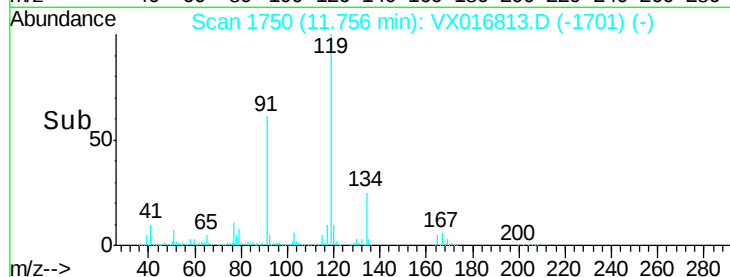
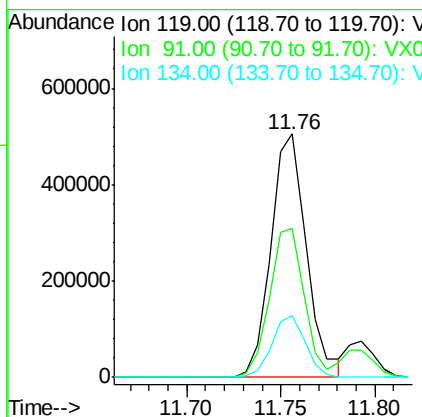
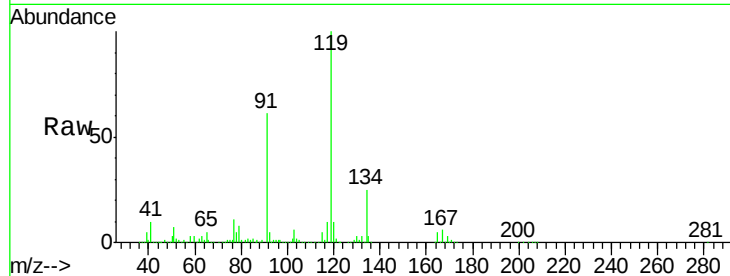
#83
tert-Butylbenzene
Concen: 54.253 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	659381		
91	59.9	29.3	88.0	
134	24.0	11.8	35.3	

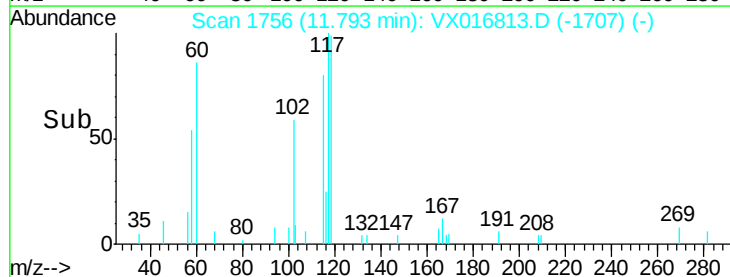
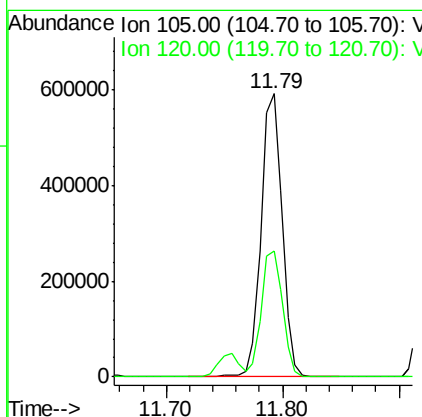
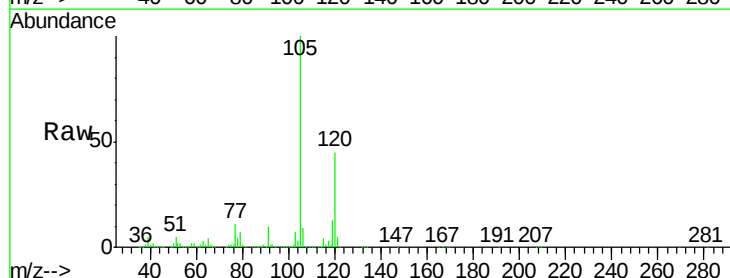
Manual Integrations
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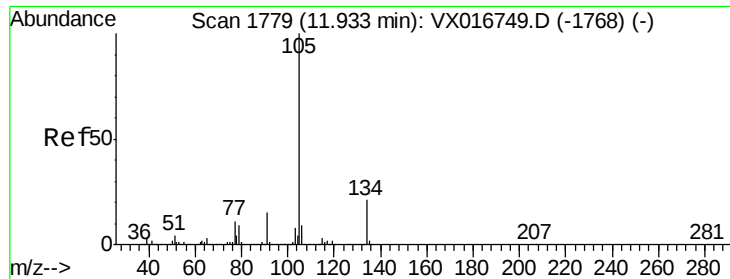
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#84
1,2,4-Trimethylbenzene
Concen: 55.771 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	749381		
120	44.8	22.6	67.8	





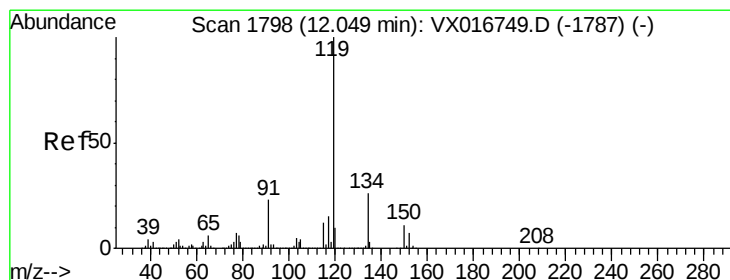
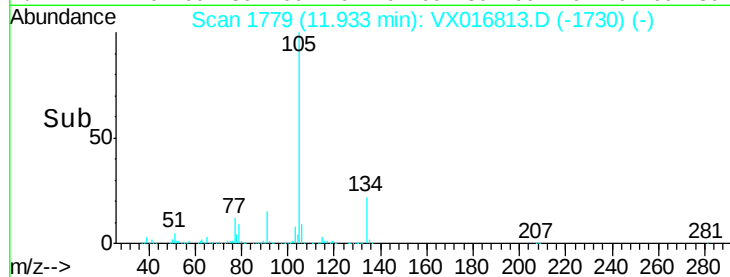
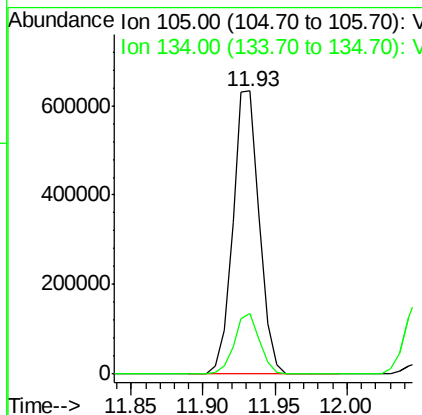
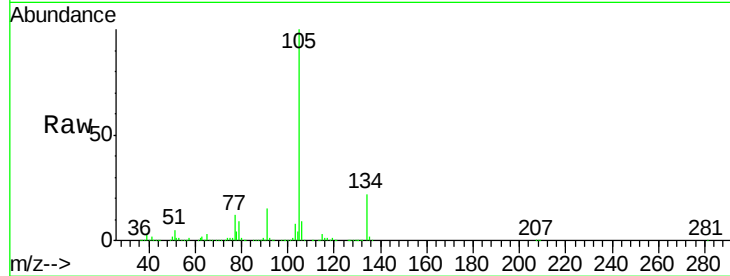
#85
 sec-Butylbenzene
 Concen: 56.928 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	809322		
134	20.5	10.3	30.8	

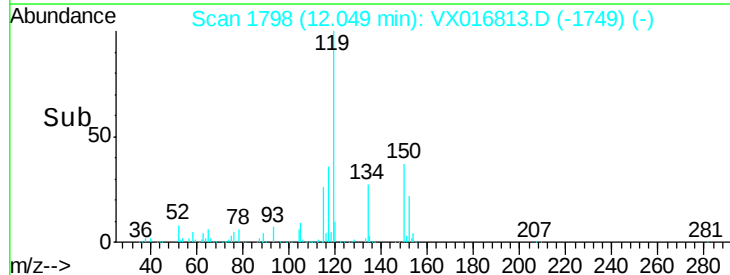
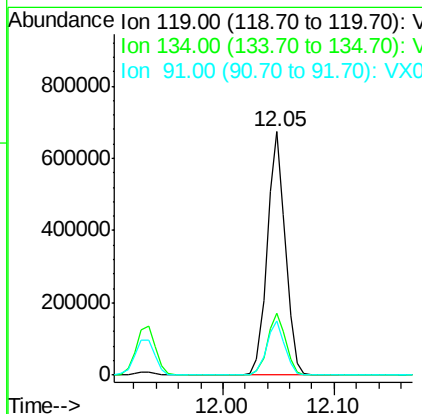
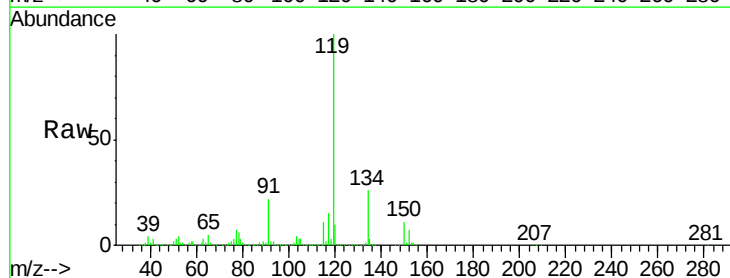
Manual Integrations
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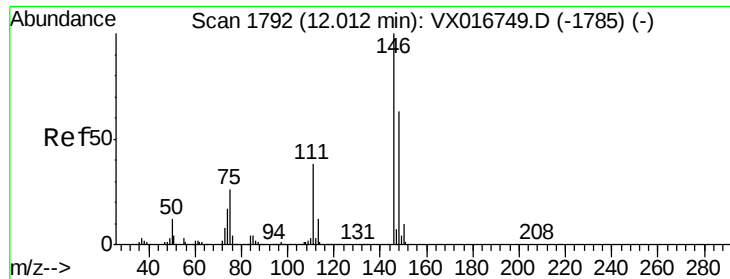
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#86
 p-Isopropyltoluene
 Concen: 56.057 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	764662		
134	25.5	13.0	38.9	
91	22.2	11.6	34.7	





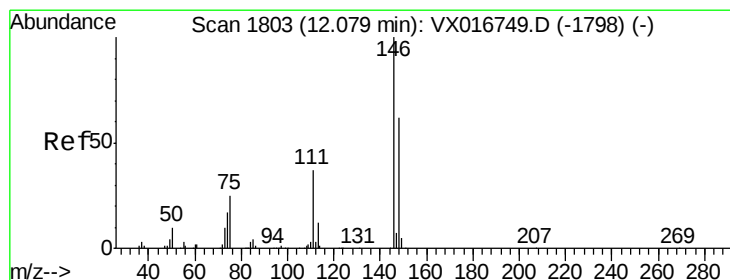
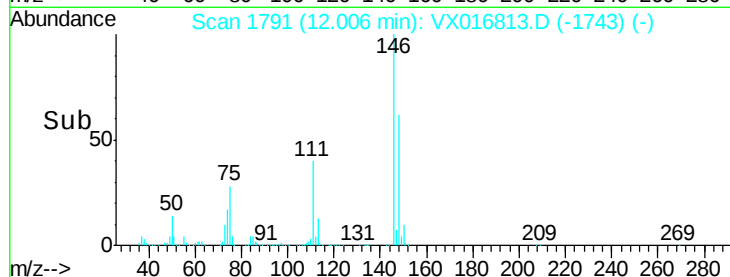
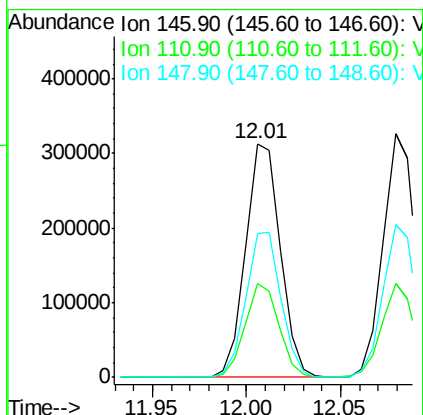
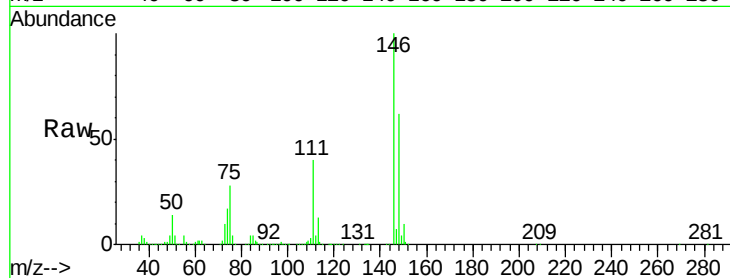
#87
 1,3-Dichlorobenzene
 Concen: 52.910 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.8	59.3
148	62.8	31.9	95.7

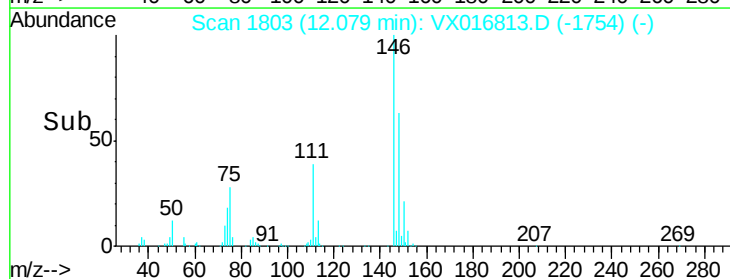
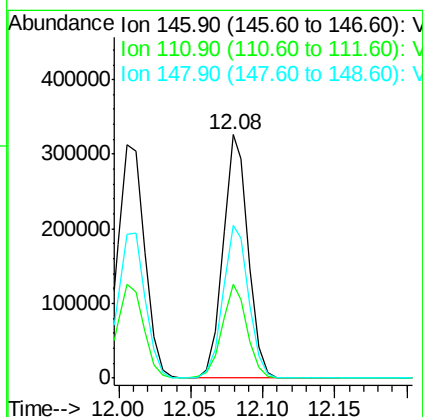
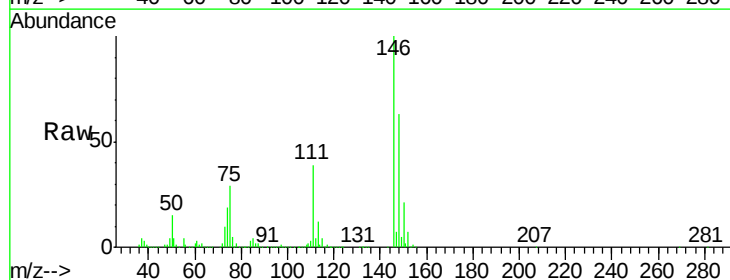
Manual Integrations
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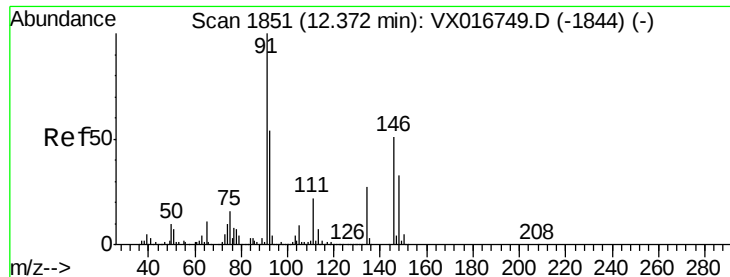
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#88
 1,4-Dichlorobenzene
 Concen: 50.645 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.3	57.8
148	64.3	32.1	96.5





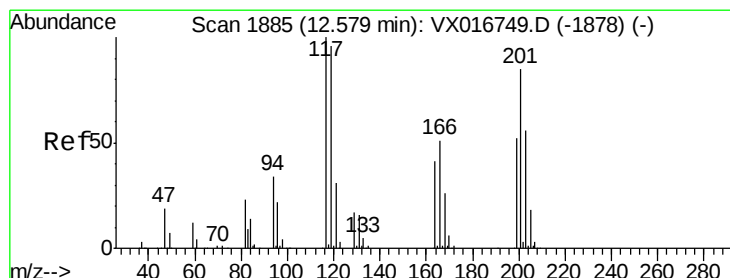
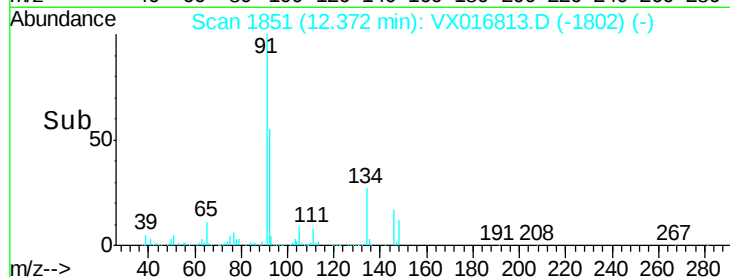
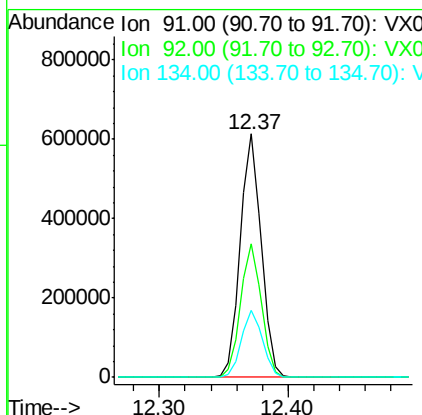
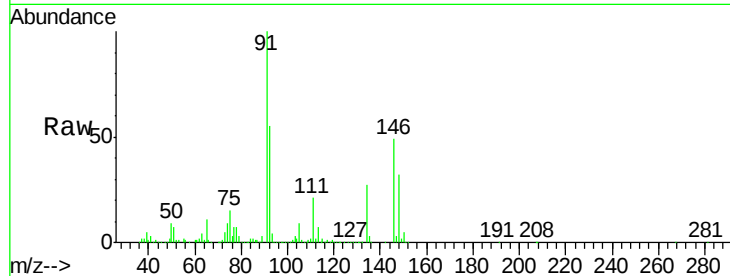
#89
n-Butylbenzene
Concen: 61.511 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.0	80.8
134	27.8	13.7	41.0

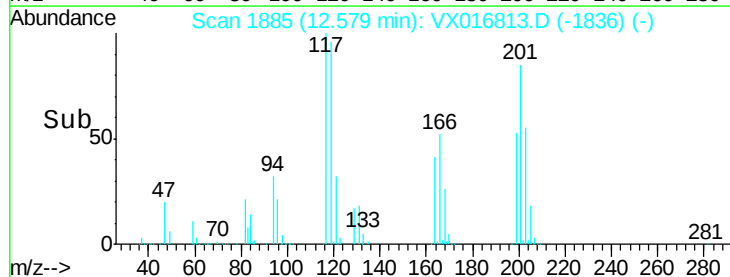
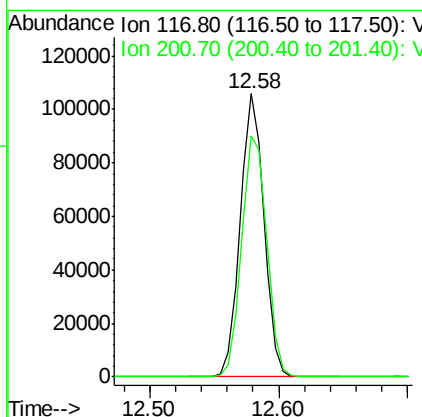
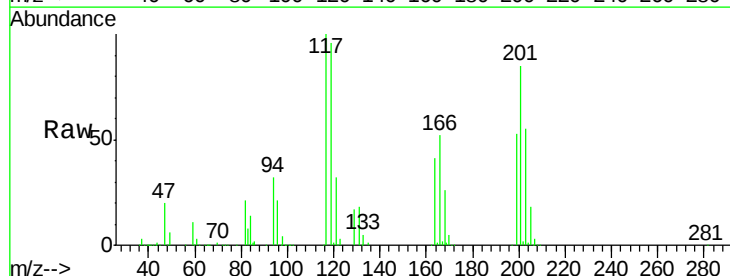
Manual Integrations
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#90
Hexachloroethane
Concen: 53.448 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	45.6	136.9





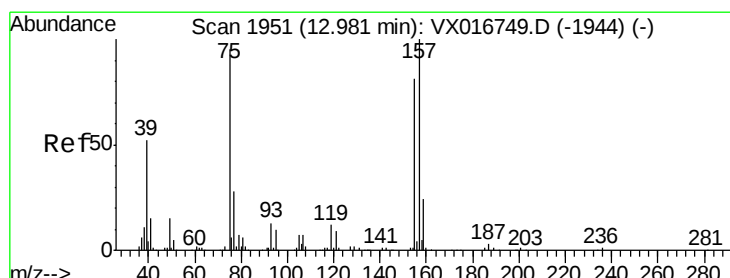
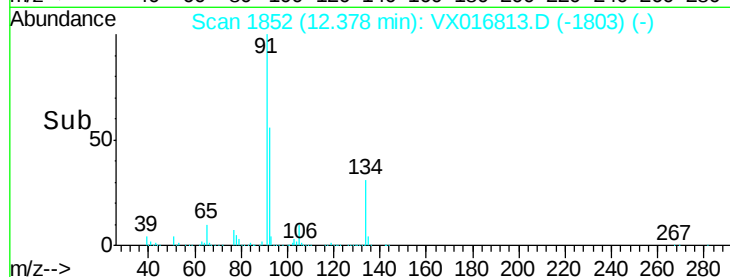
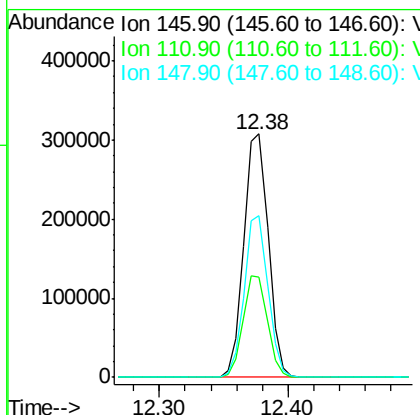
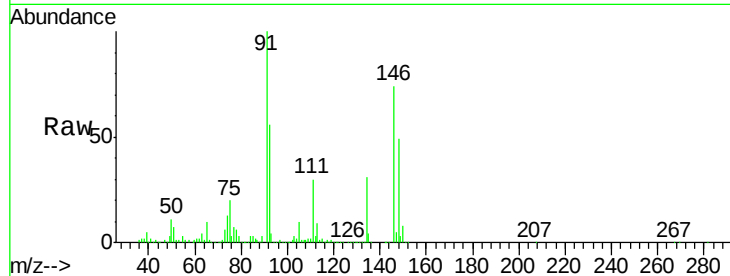
#91
 1,2-Dichlorobenzene
 Concen: 53.093 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.3	20.8	62.2	
148	64.6	32.1	96.5	

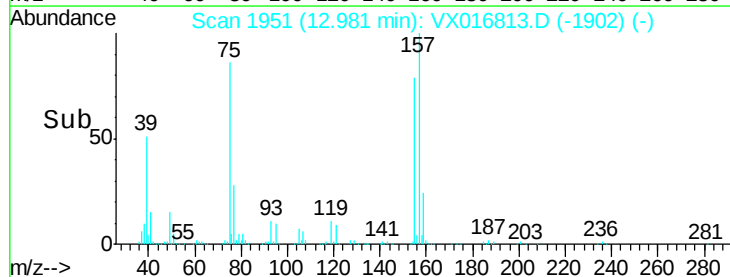
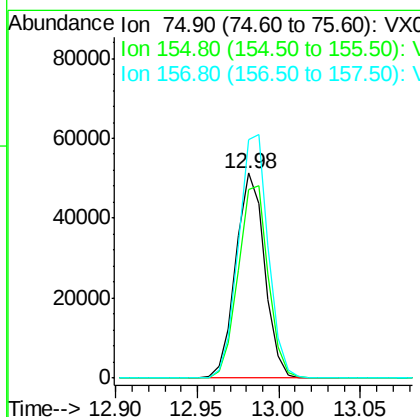
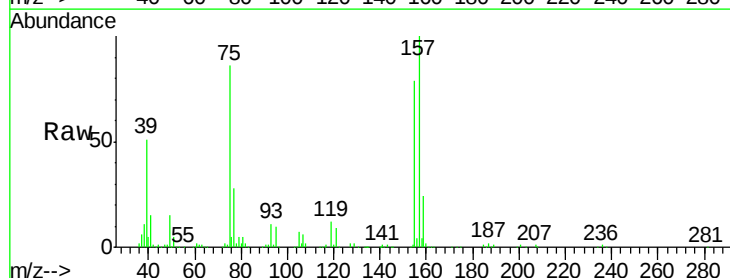
Manual Integrations
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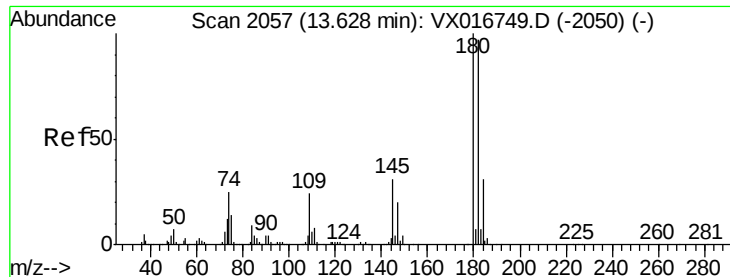
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 6/18/2020 9:36:49 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.548 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016813.D
 Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	97.4	46.9	140.7	
157	122.7	59.6	178.7	





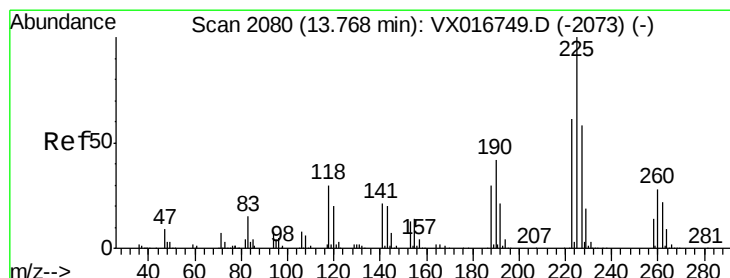
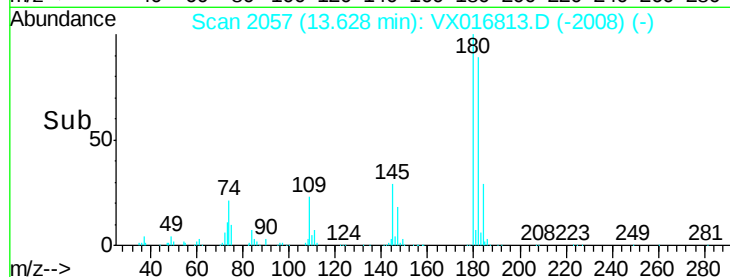
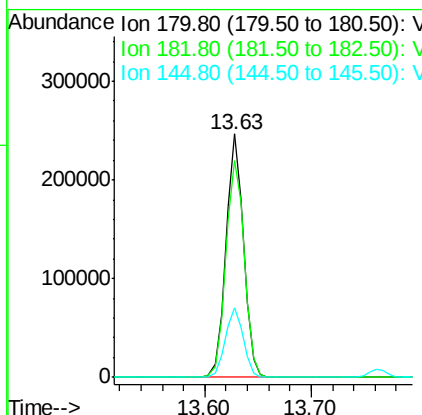
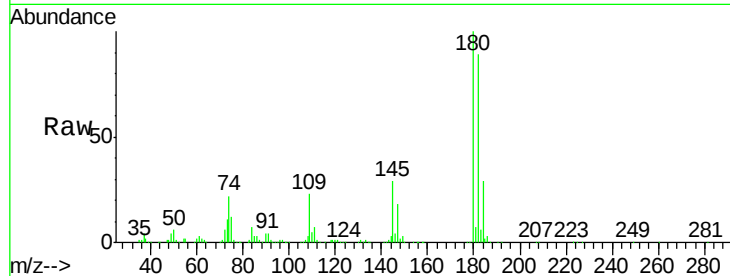
#93
1,2,4-Trichlorobenzene
Concen: 53.721 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	284559		
182	93.9	48.6	145.8	
145	29.3	15.4	46.4	

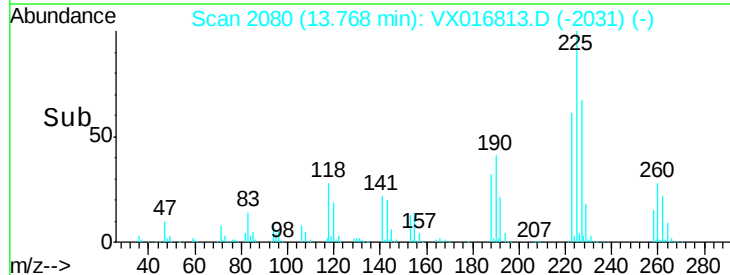
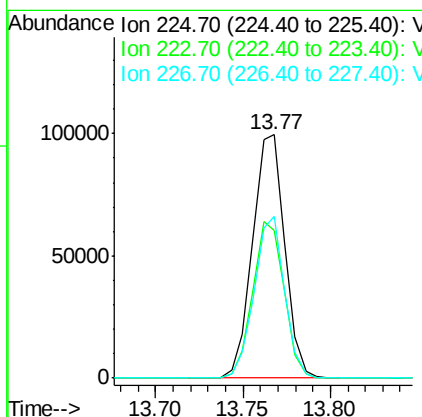
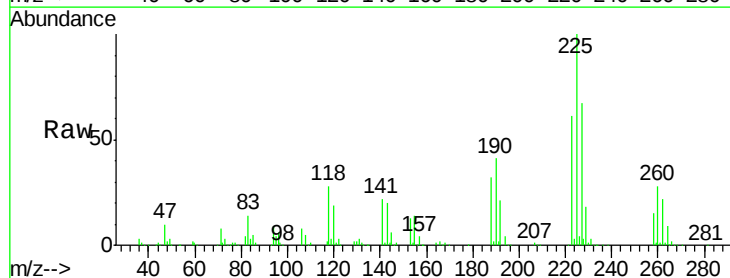
Manual Integrations
APPROVED

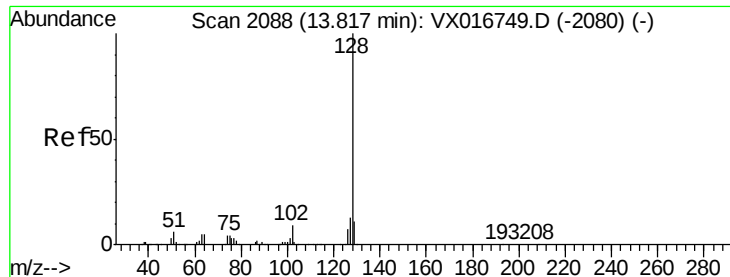
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6/18/2020 9:36:49 AM



#94
Hexachlorobutadiene
Concen: 54.982 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	128253		
223	62.6	31.1	93.5	
227	62.8	30.9	92.7	





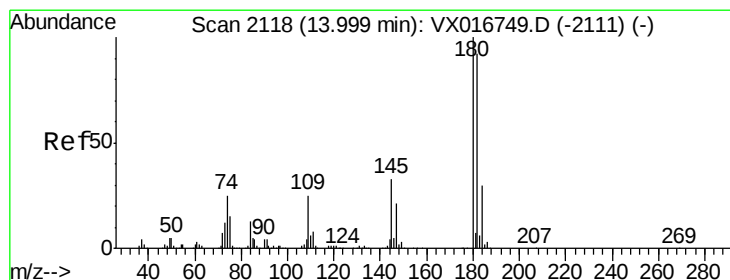
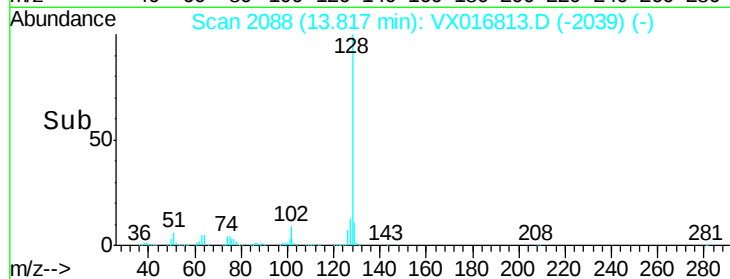
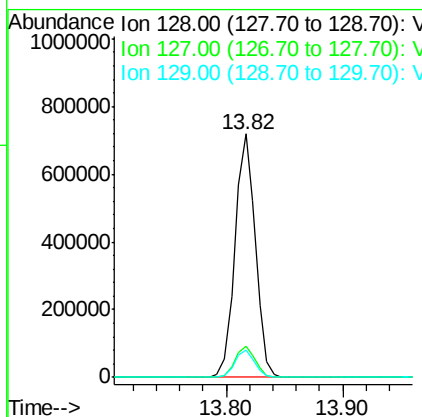
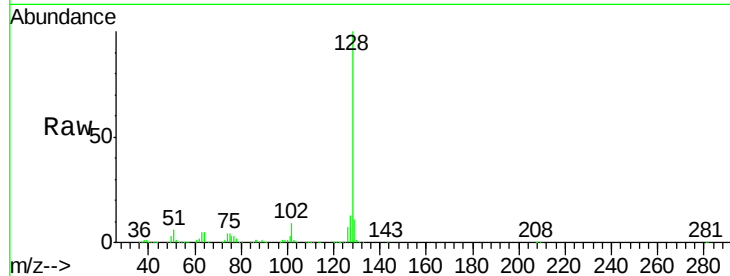
#95
Naphthalene
Concen: 52.586 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.8	8.8	13.2

Manual Integrations
APPROVED

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6/18/2020 9:36:49 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.442 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016813.D
Acq: 17 Jun 2020 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.1	141.4
145	31.8	15.9	47.7

