

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016748.D
 Acq On : 15 Jun 2020 11:55
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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 6/16/2020 3:23:09 PM

Quant Time: Jun 15 12:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	350691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	175245	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	54313	17.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.26%	
35) Dibromofluoromethane	5.47	113	43507	18.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.18%	
50) Toluene-d8	8.70	98	167112	18.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	36.98%	
62) 4-Bromofluorobenzene	11.12	95	59771	17.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.18%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	59317	23.348	ug/l	99
3) Chloromethane	1.31	50	54152	18.260	ug/l	98
4) Vinyl Chloride	1.39	62	60709	19.257	ug/l	99
5) Bromomethane	1.63	94	39954	25.097	ug/l	93
6) Chloroethane	1.71	64	35881	19.458	ug/l	100
7) Trichlorofluoromethane	1.92	101	87931	20.859	ug/l	95
8) Diethyl Ether	2.17	74	32506	18.834	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	45621	19.960	ug/l	98
10) Methyl Iodide	2.49	142	47565	19.051	ug/l	100
11) Tert butyl alcohol	3.01	59	65984	84.833	ug/l	98
12) 1,1-Dichloroethene	2.36	96	48561	20.031	ug/l	99
13) Acrolein	2.27	56	28058	83.791	ug/l	97
14) Allyl chloride	2.71	41	73035	16.842	ug/l	100
15) Acrylonitrile	3.11	53	137187	85.825	ug/l	99
16) Acetone	2.42	43	118872	88.936	ug/l	98
17) Carbon Disulfide	2.55	76	135788	18.995	ug/l	100
18) Methyl Acetate	2.75	43	69245	19.824	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	161678	18.801	ug/l	100
20) Methylene Chloride	2.84	84	52278	18.611	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	50823	19.047	ug/l	98
22) Diisopropyl ether	3.82	45	144829	17.459	ug/l	98
23) Vinyl Acetate	3.78	43	604038	83.803	ug/l	100
24) 1,1-Dichloroethane	3.67	63	87475	18.394	ug/l	98
25) 2-Butanone	4.64	43	188128	84.023	ug/l	97
26) 2,2-Dichloropropane	4.55	77	82988	20.703	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	57179	18.615	ug/l	99
28) Bromochloromethane	4.98	49	37642	17.150	ug/l #	97
29) Tetrahydrofuran	5.09	42	118948	82.357	ug/l	99
30) Chloroform	5.18	83	92421	19.126	ug/l	98
31) Cyclohexane	5.55	56	72310	17.078	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	88538	20.110	ug/l	99
36) 1,1-Dichloropropene	5.77	75	68530	19.198	ug/l	99
37) Ethyl Acetate	4.79	43	72196	17.240	ug/l	99
38) Carbon Tetrachloride	5.75	117	78939	20.759	ug/l	99

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Manual Integrations
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Quant Time: Jun 15 12:50:45 2020
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 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74933	19.244	ug/l	96
40) Benzene	6.12	78	206408	19.461	ug/l	98
41) Methacrylonitrile	5.00	41	38115	16.567	ug/l	99
42) 1,2-Dichloroethane	6.16	62	74114	19.624	ug/l	100
43) Isopropyl Acetate	6.41	43	112138	17.122	ug/l	100
44) Trichloroethene	7.19	130	62458	18.535	ug/l	97
45) 1,2-Dichloropropane	7.49	63	49937	18.590	ug/l	98
46) Dibromomethane	7.64	93	35574	19.518	ug/l	98
47) Bromodichloromethane	7.88	83	73931	19.572	ug/l	100
48) Methyl methacrylate	7.74	41	53262	17.019	ug/l	99
49) 1,4-Dioxane	7.71	88	25030	338.720	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	353963	87.010	ug/l	100
52) Toluene	8.76	92	133096	19.805	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	82625	19.236	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	87638	19.349	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	51929	19.388	ug/l	94
56) Ethyl methacrylate	9.16	69	76998	17.888	ug/l	100
57) 1,3-Dichloropropane	9.35	76	87011	19.082	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	190570	84.893	ug/l	100
59) 2-Hexanone	9.47	43	275154	87.086	ug/l	100
60) Dibromochloromethane	9.57	129	60462	19.894	ug/l	100
61) 1,2-Dibromoethane	9.65	107	56948	19.779	ug/l	99
64) Tetrachloroethene	9.32	164	70463	18.436	ug/l	100
65) Chlorobenzene	10.12	112	140794	19.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	55845	20.423	ug/l	98
67) Ethyl Benzene	10.24	91	240513	19.160	ug/l	99
68) m/p-Xylenes	10.34	106	185072	39.553	ug/l	98
69) o-Xylene	10.68	106	87321	19.255	ug/l	99
70) Styrene	10.70	104	152536	19.616	ug/l	99
71) Bromoform	10.84	173	47069	20.459	ug/l #	99
73) Isopropylbenzene	11.00	105	235017	19.560	ug/l	100
74) N-amyl acetate	10.88	43	88009	16.387	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	65827	21.611	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	73312m	19.387	ug/l	
77) Bromobenzene	11.24	156	64093	20.191	ug/l	98
78) n-propylbenzene	11.34	91	254986	19.078	ug/l	100
79) 2-Chlorotoluene	11.40	91	157634	19.300	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	199360	19.884	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	28174	18.367	ug/l	98
82) 4-Chlorotoluene	11.49	91	186666	19.408	ug/l	100
83) tert-Butylbenzene	11.76	119	179904	20.787	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	200543	19.785	ug/l	99
85) sec-Butylbenzene	11.93	105	214515	19.883	ug/l	100
86) p-Isopropyltoluene	12.05	119	202215	19.963	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	110200	20.092	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	111592	19.893	ug/l	98
89) n-Butylbenzene	12.37	91	159778	19.011	ug/l	99
90) Hexachloroethane	12.58	117	36304	20.680	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	108094	20.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17748	18.286	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC020

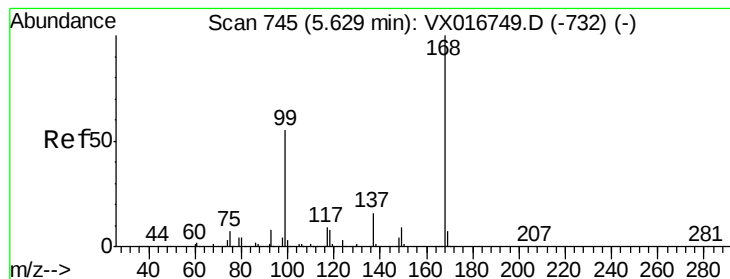
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	72610	20.455	ug/l	100
94) Hexachlorobutadiene	13.76	225	32517	22.524	ug/l	98
95) Naphthalene	13.82	128	233941	19.368	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	73906	21.076	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: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:168 Resp: 253903

Ion Ratio Lower Upper

168 100

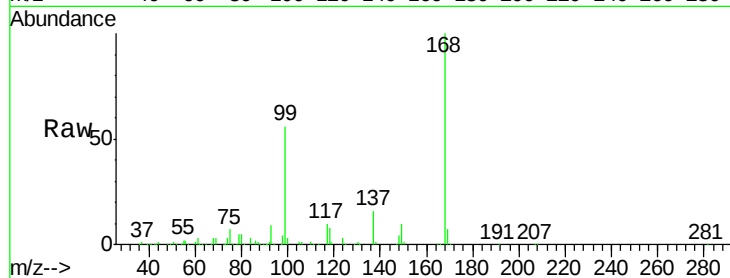
99 56.3 43.8 65.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

60000

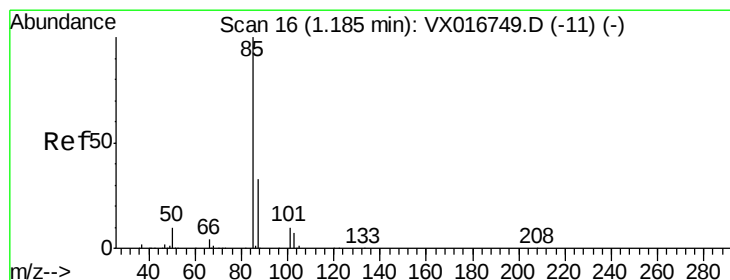
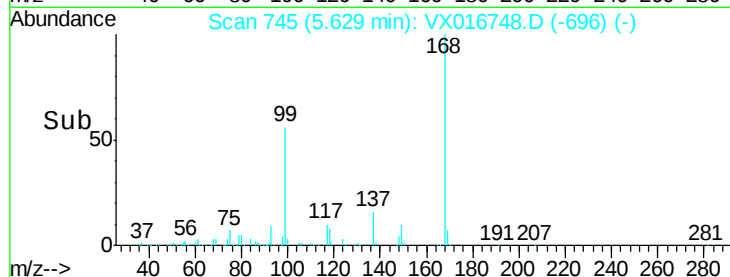
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 23.348 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016748.D

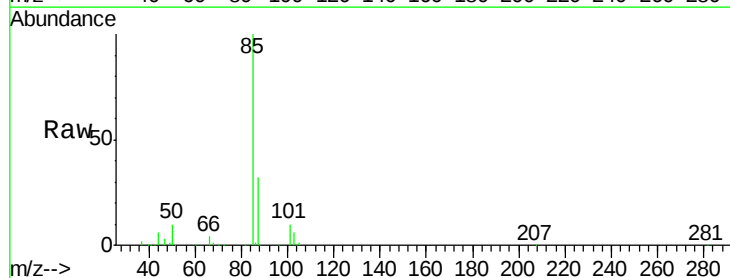
Acq: 15 Jun 2020 11:55

Tgt Ion: 85 Resp: 59317

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

1.18

80000

60000

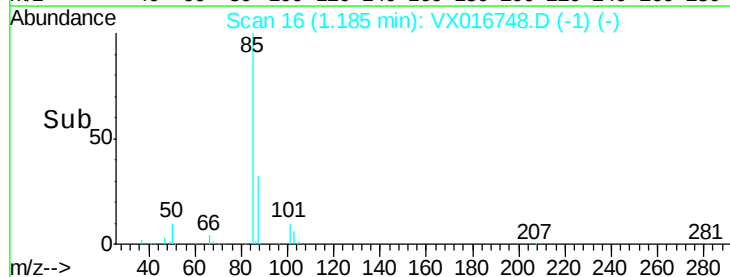
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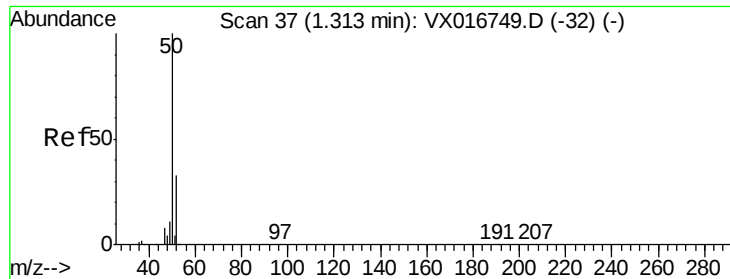
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.260 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 50 Resp: 54152

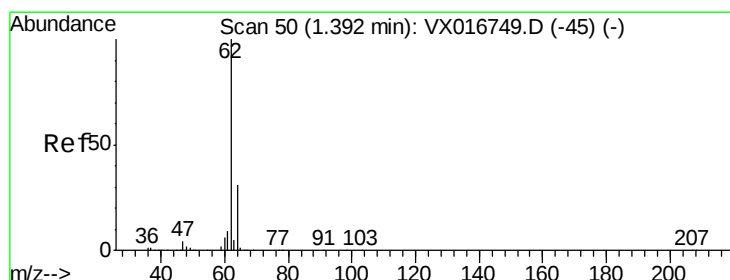
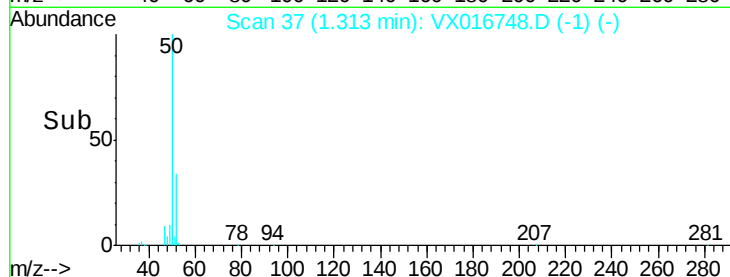
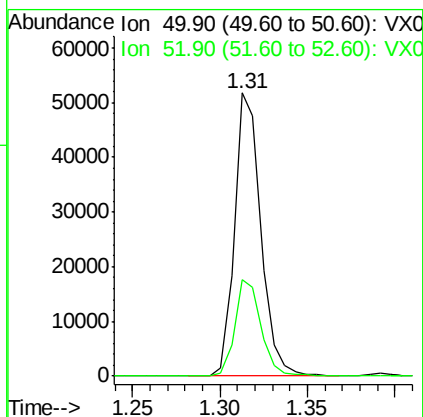
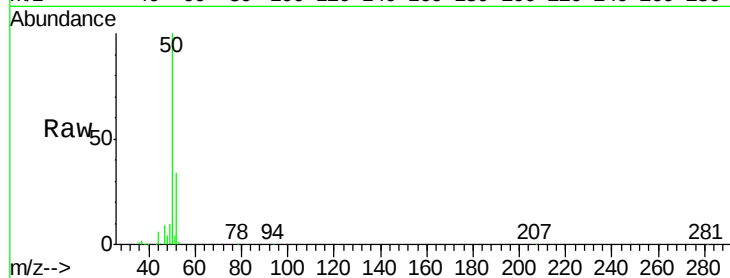
Ion Ratio Lower Upper

50 100

52 34.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 19.257 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016748.D

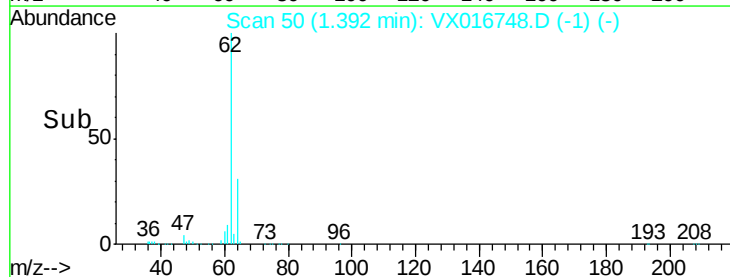
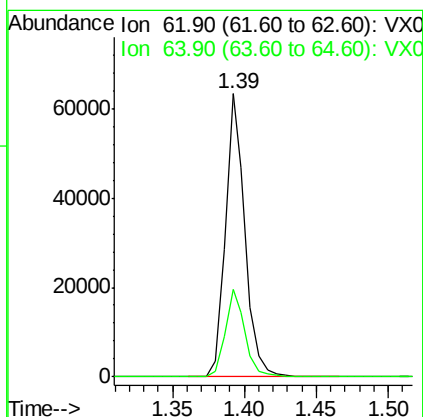
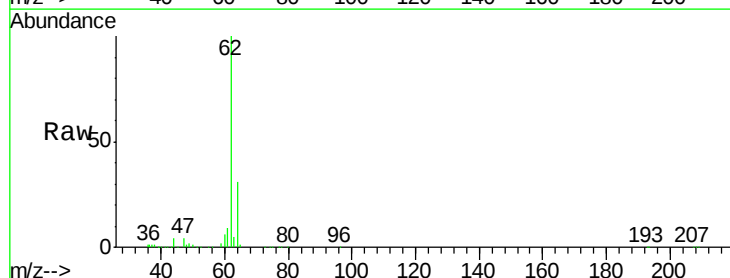
Acq: 15 Jun 2020 11:55

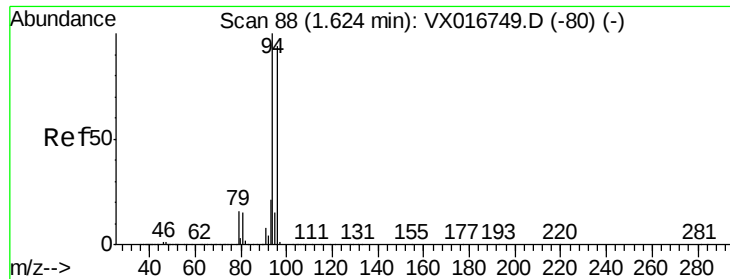
Tgt Ion: 62 Resp: 60709

Ion Ratio Lower Upper

62 100

64 30.8 25.1 37.7





#5

Bromomethane

Concen: 25.097 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 94 Resp: 39954

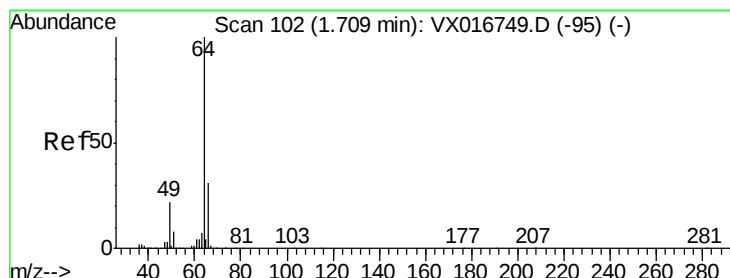
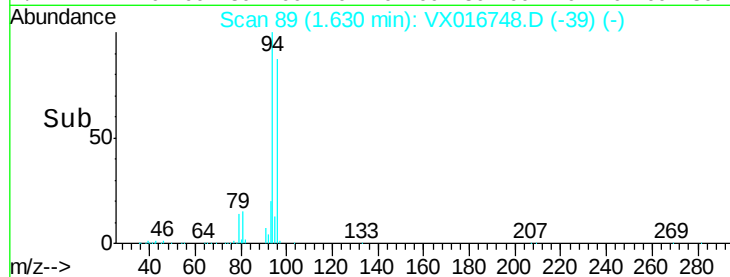
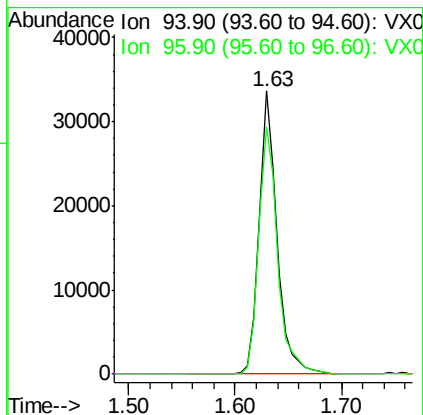
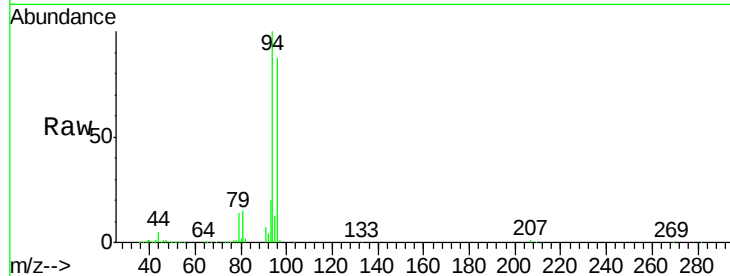
Ion Ratio Lower Upper

94 100

96 87.2 75.4 113.0

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#6

Chloroethane

Concen: 19.458 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016748.D

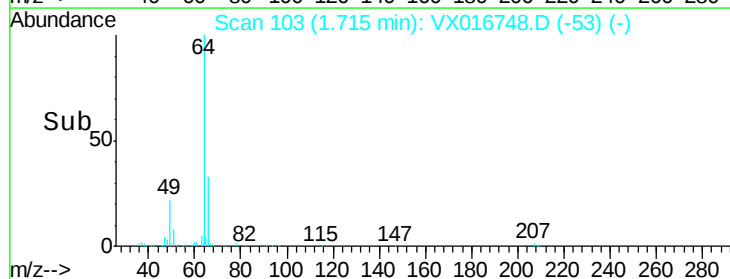
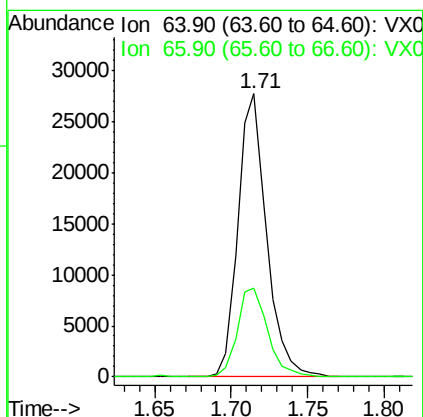
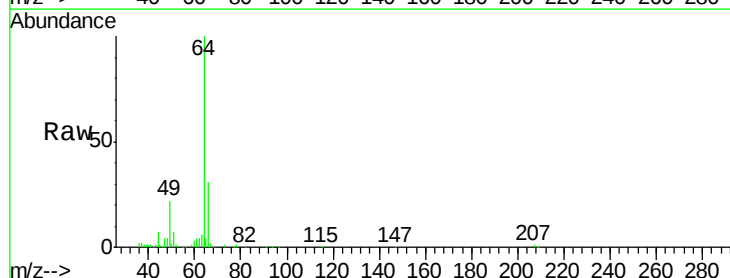
Acq: 15 Jun 2020 11:55

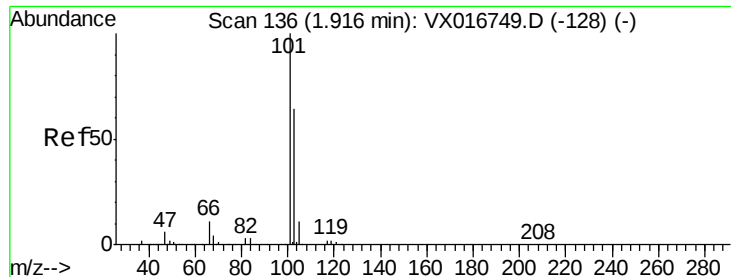
Tgt Ion: 64 Resp: 35881

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.6





#7

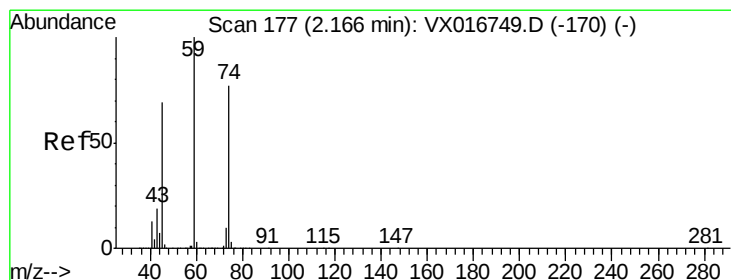
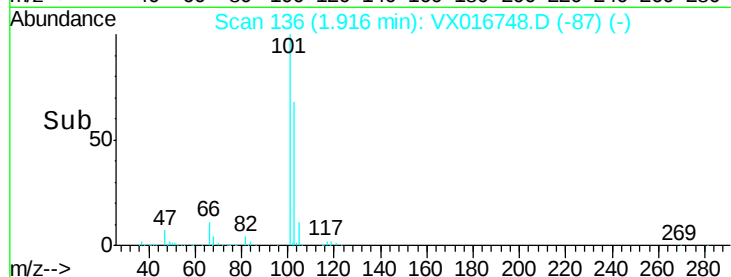
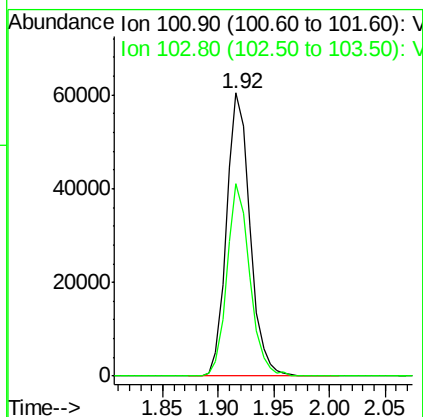
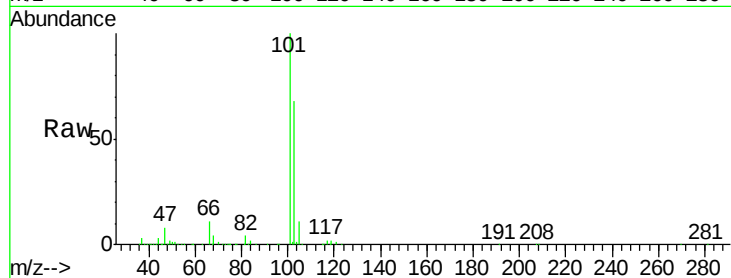
Trichlorofluoromethane
Concen: 20.859 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

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ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.8	51.3	76.9

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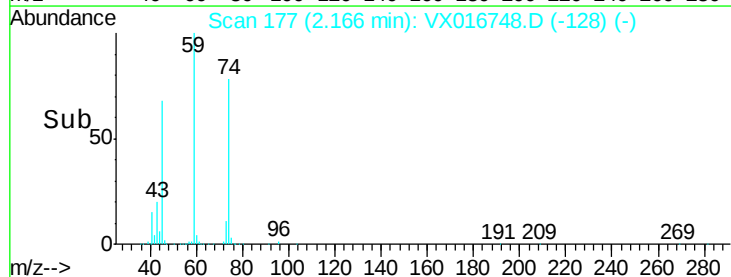
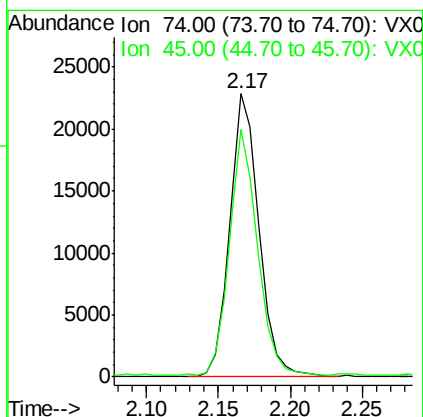
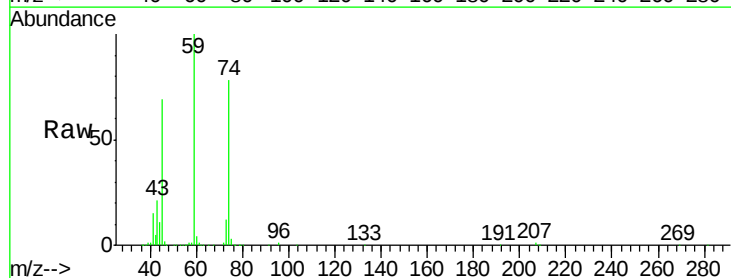
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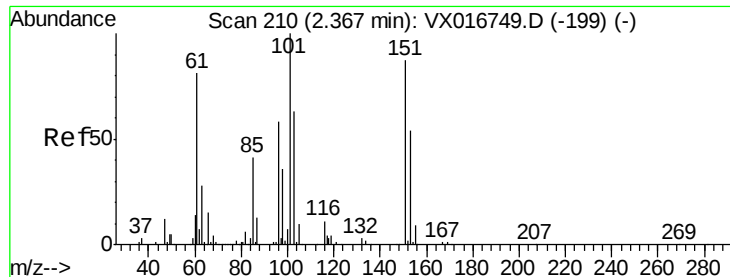


#8

Diethyl Ether
Concen: 18.834 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	43.5	130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.960 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

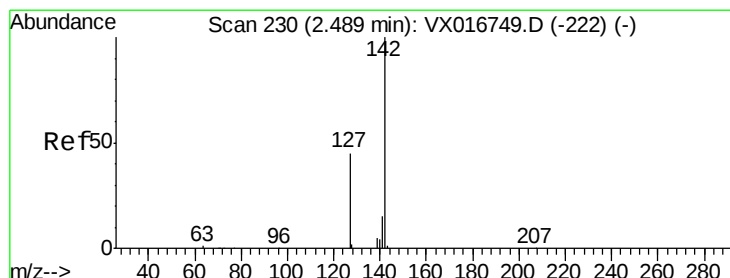
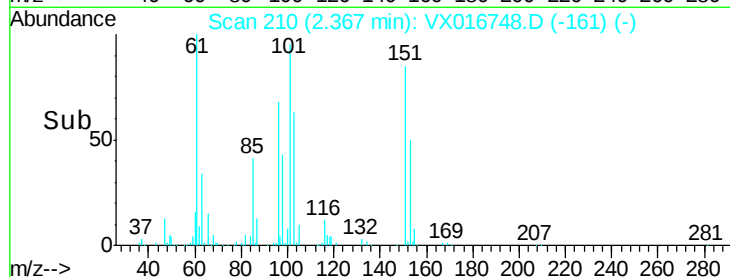
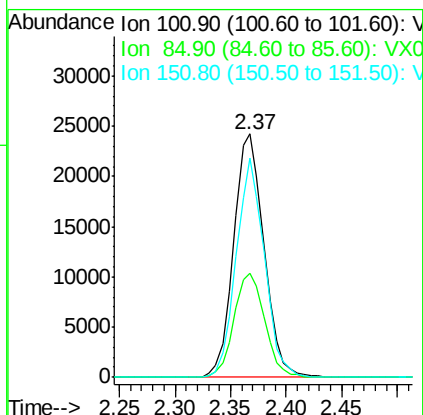
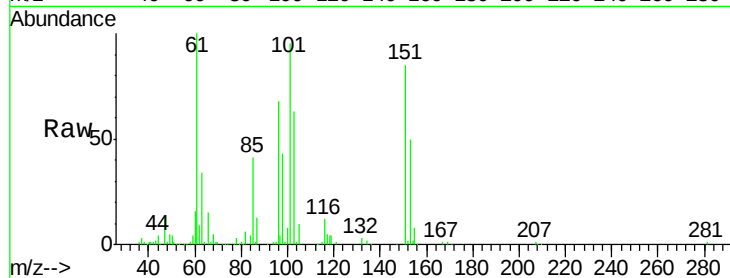
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	45621
Ion Ratio	Lower	Upper	
101	100		
85	43.4	34.0	51.0
151	84.2	68.7	103.1

Manual Integrations
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#10

Methyl Iodide

Concen: 19.051 ug/l

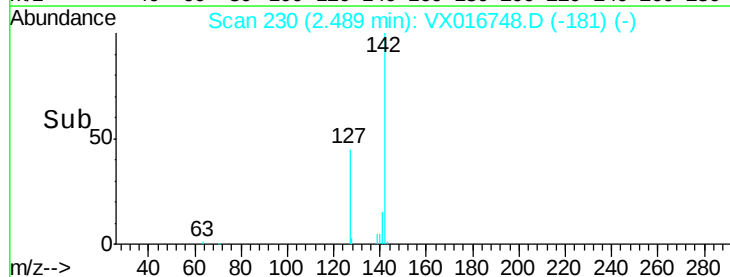
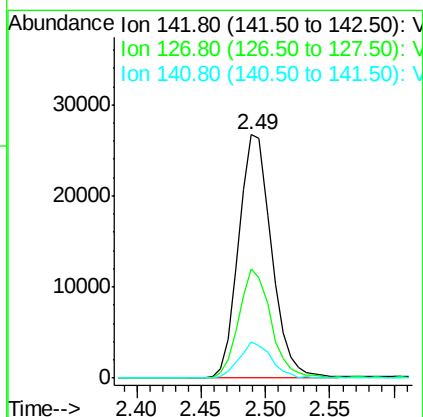
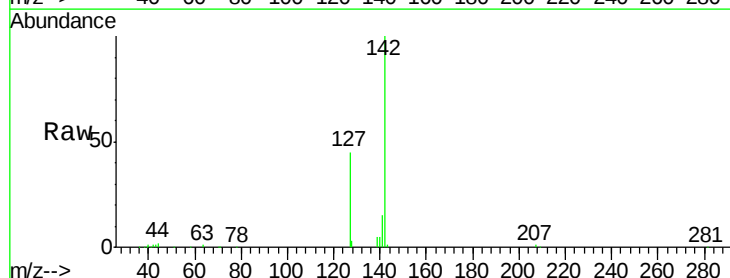
RT: 2.49 min Scan# 230

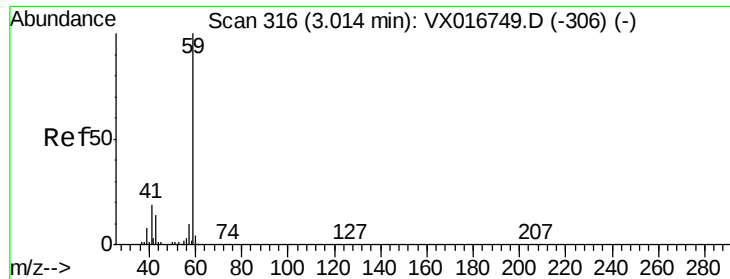
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	142	Resp:	47565
Ion Ratio	Lower	Upper	
142	100		
127	44.1	35.4	53.2
141	14.6	11.7	17.5





#11

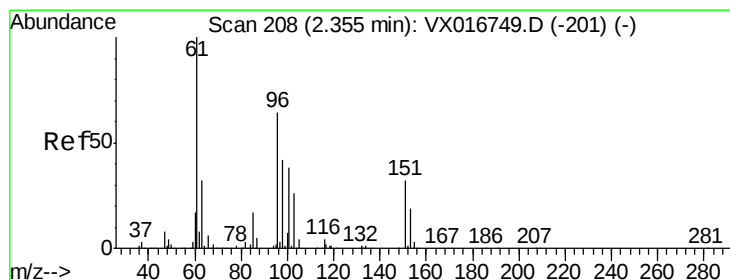
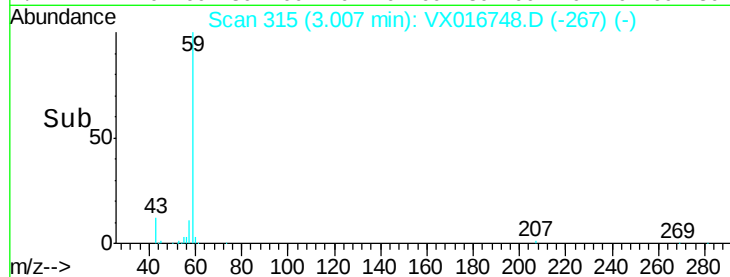
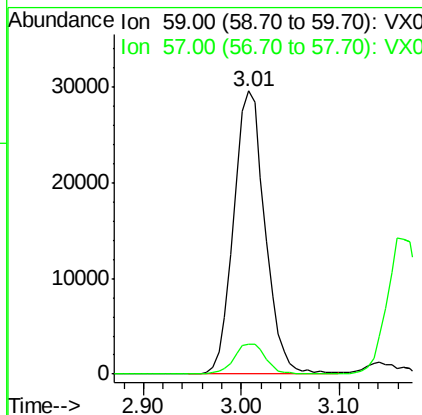
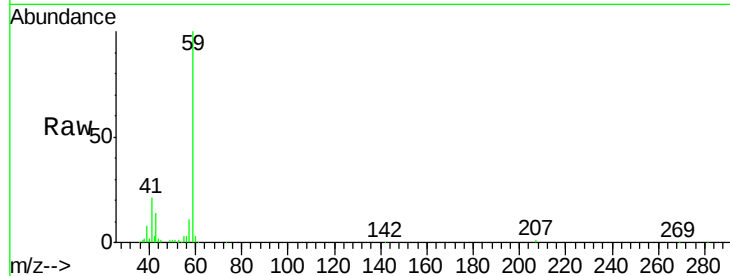
Tert butyl alcohol
Concen: 84.833 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	10.8	8.2	12.2

Manual Integrations
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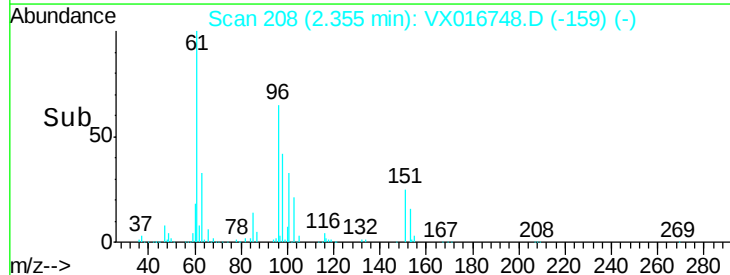
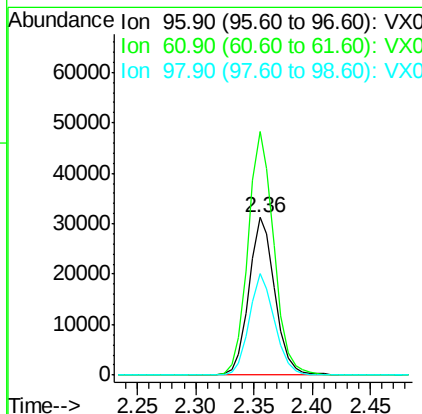
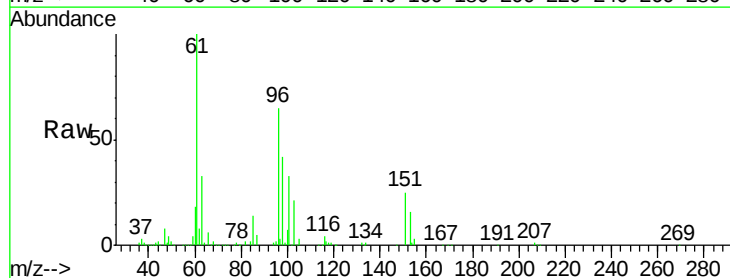
MMDadoda
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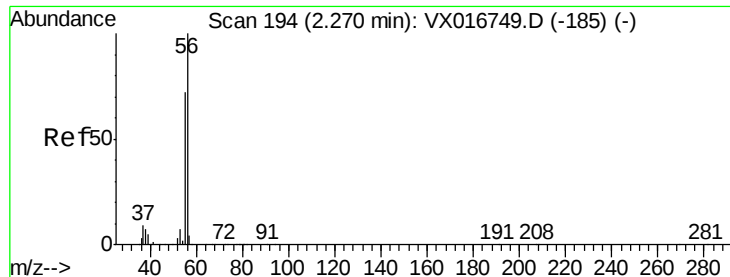


#12

1,1-Dichloroethene
Concen: 20.031 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	154.6	124.1	186.1
98	98	64.6	52.7	79.1





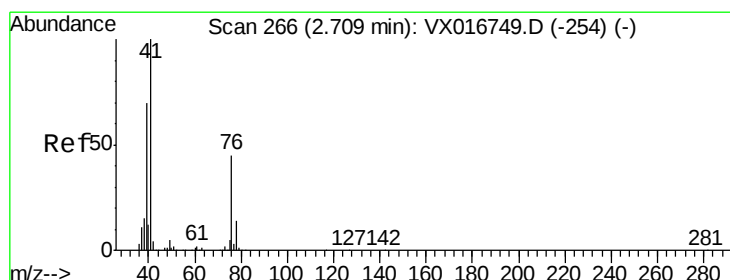
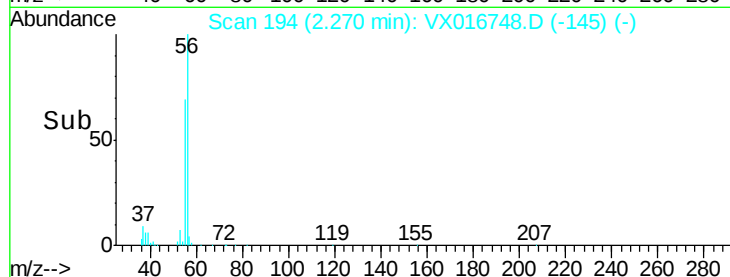
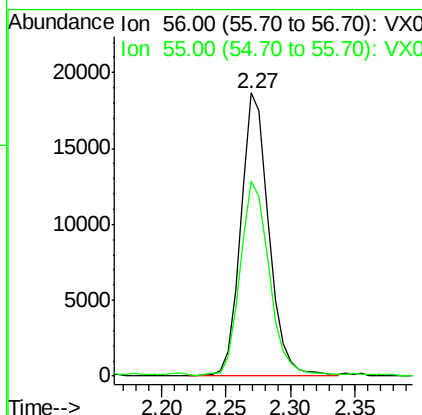
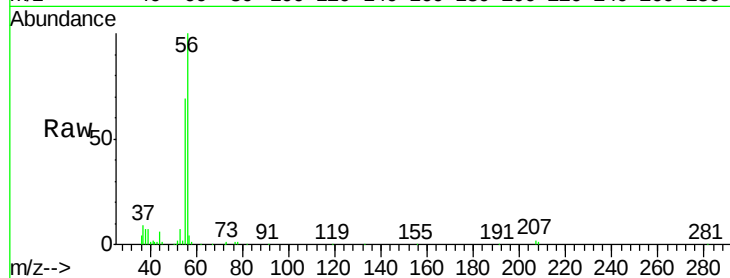
#13
Acrolein
Concen: 83.791 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	56	Resp	28058
Ion Ratio	100	Lower	Upper
55	70.4	58.2	87.4

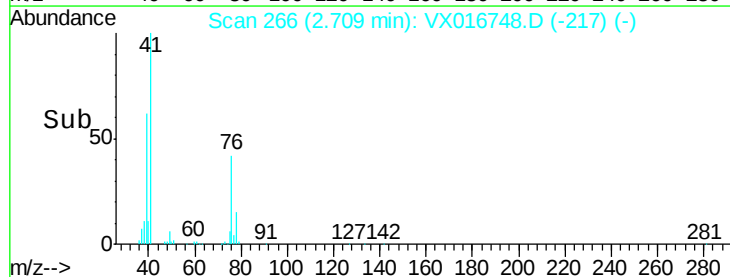
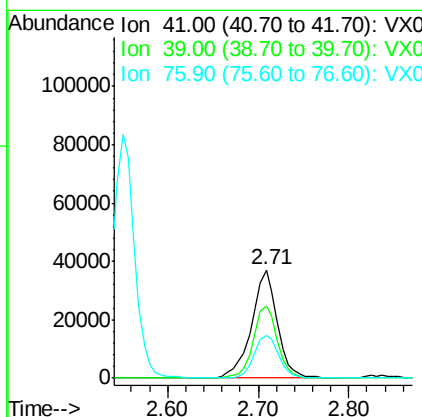
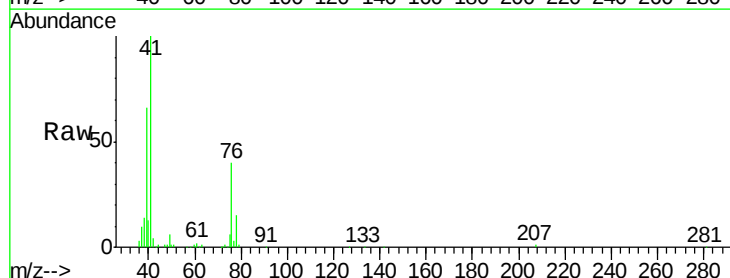
Manual Integrations
APPROVED

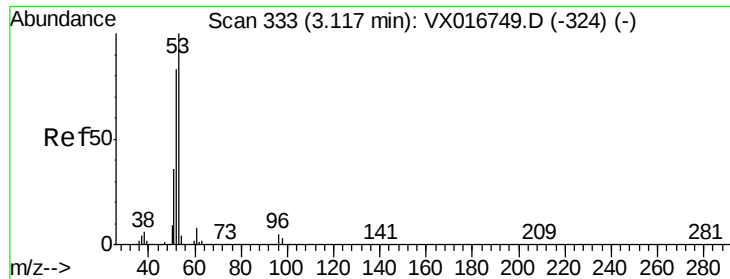
MMDadoda
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#14
Allyl chloride
Concen: 16.842 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	41	Resp	73035
Ion Ratio	100	Lower	Upper
39	62.5	50.2	75.4
76	37.7	30.4	45.6





#15

Acrylonitrile

Concen: 85.825 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

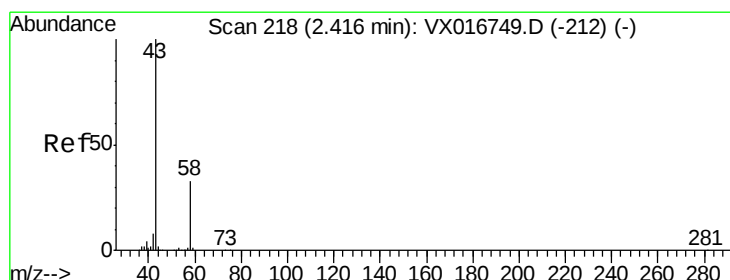
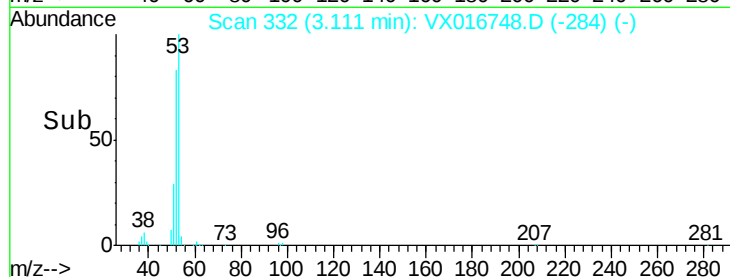
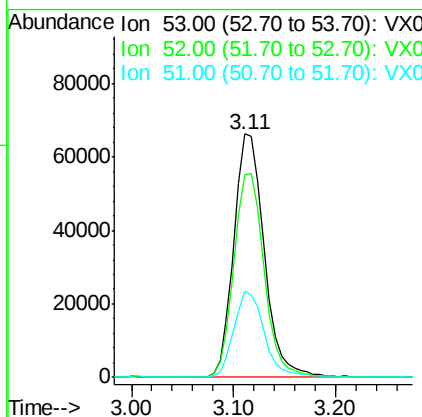
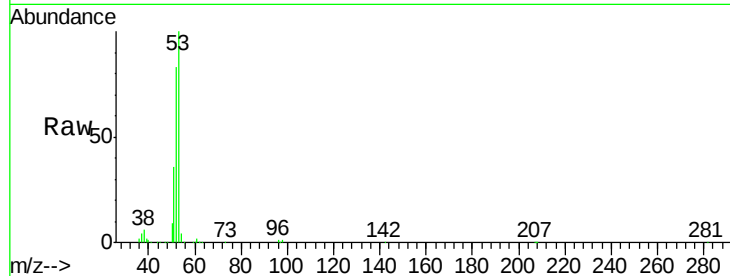
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	137187
Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.5	98.3
51	35.7	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 88.936 ug/l

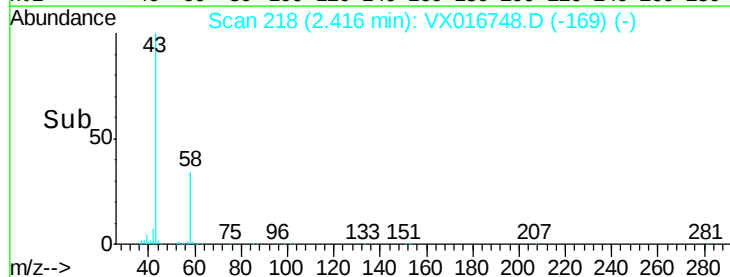
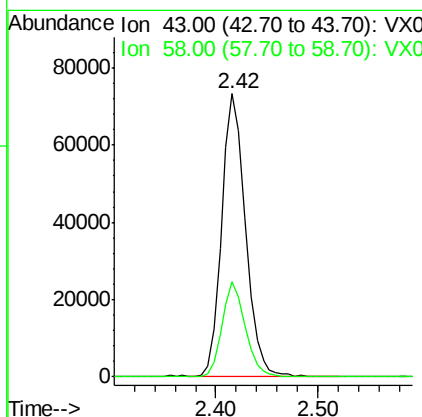
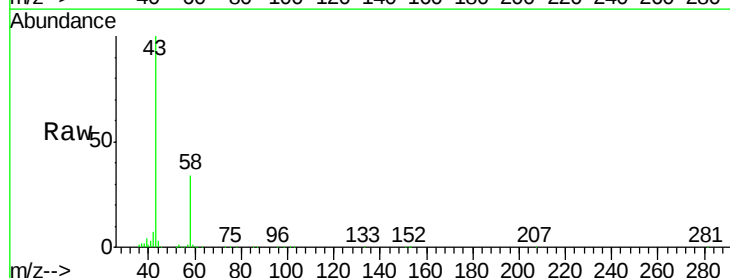
RT: 2.42 min Scan# 218

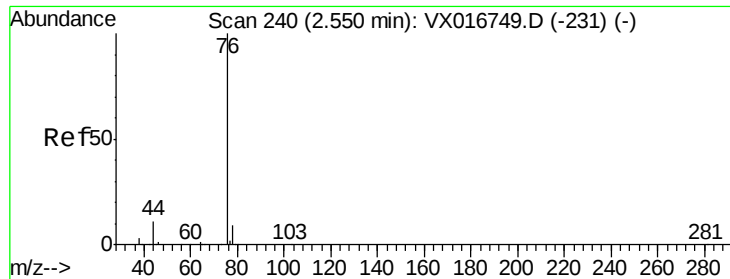
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	43	Resp:	118872
Ion	Ratio	Lower	Upper
43	100		
58	33.9	26.3	39.5





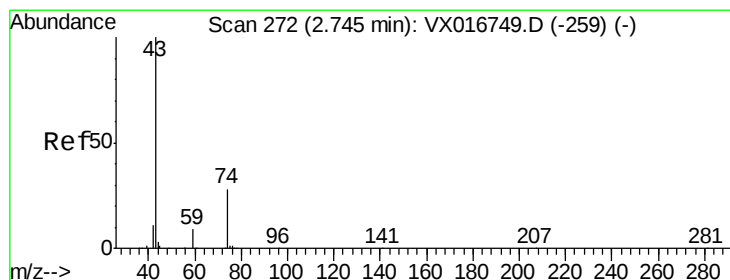
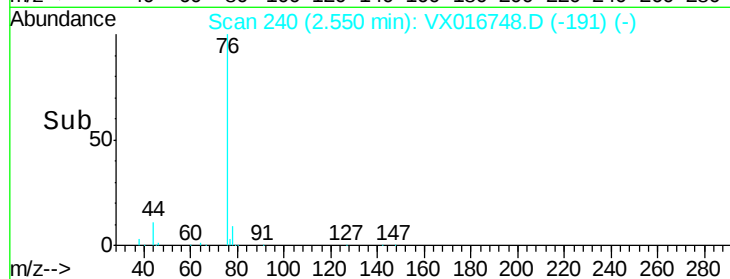
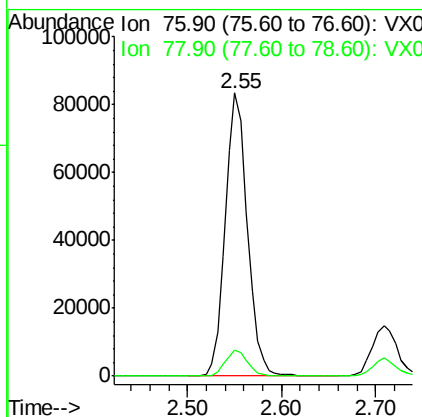
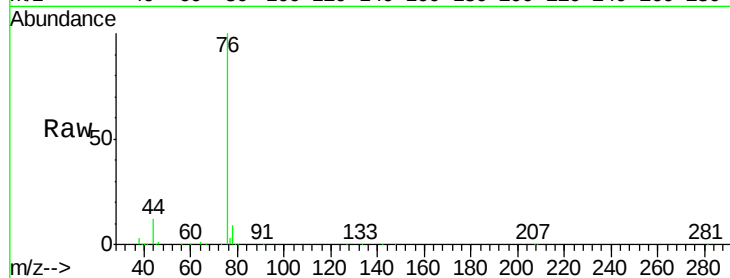
#17
Carbon Disulfide
Concen: 18.995 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

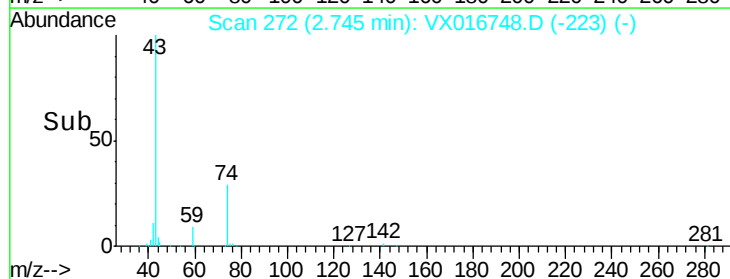
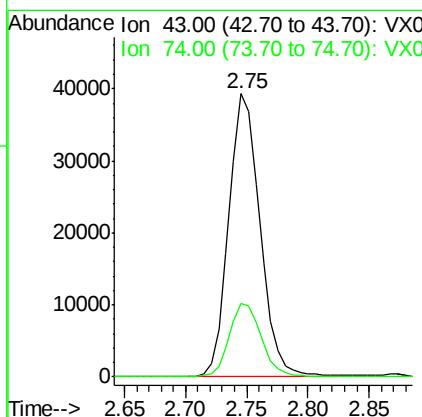
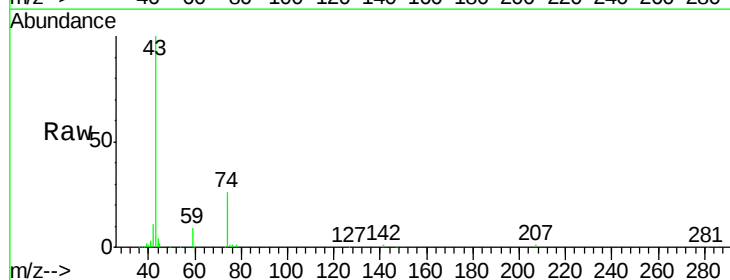
Manual Integrations
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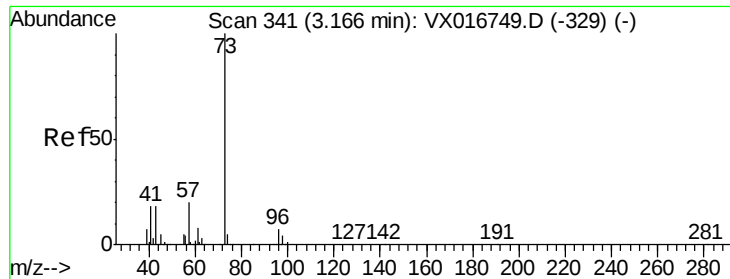
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#18
Methyl Acetate
Concen: 19.824 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.0	22.4	33.6





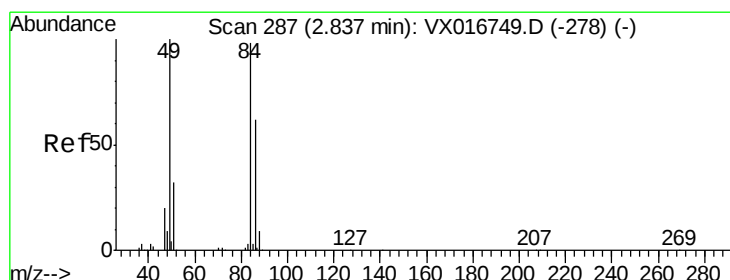
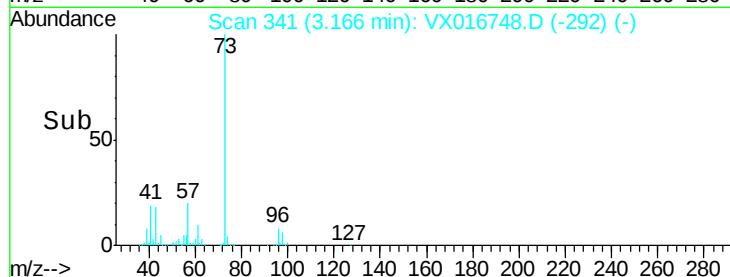
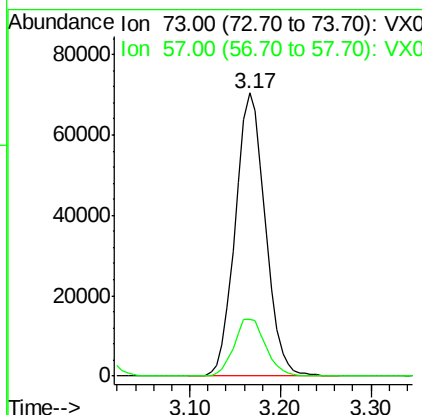
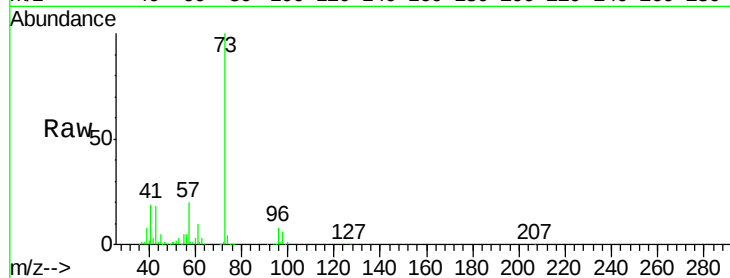
#19
Methyl tert-butyl Ether
Concen: 18.801 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.1	16.2	24.4

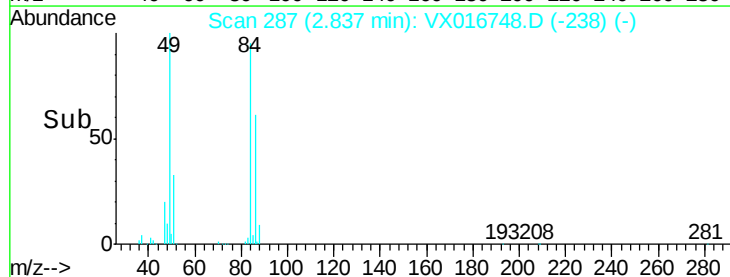
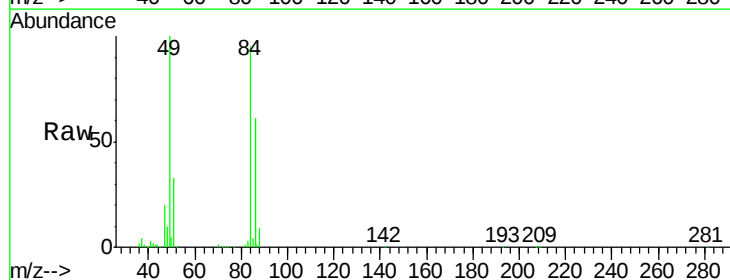
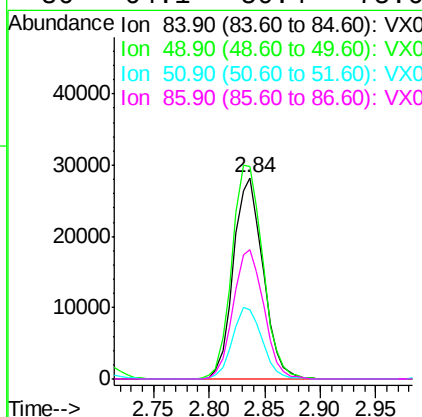
Manual Integrations
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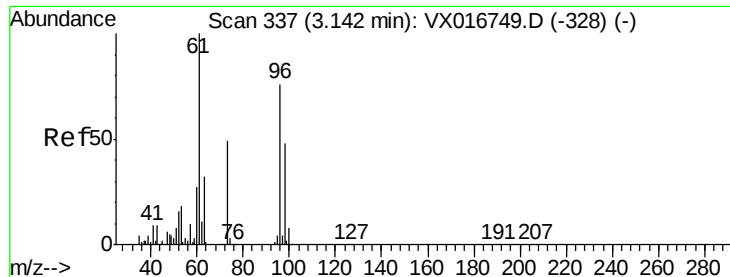
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#20
Methylene Chloride
Concen: 18.611 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.5	81.8	122.8
51	34.5	25.8	38.8
86	64.1	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 19.047 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

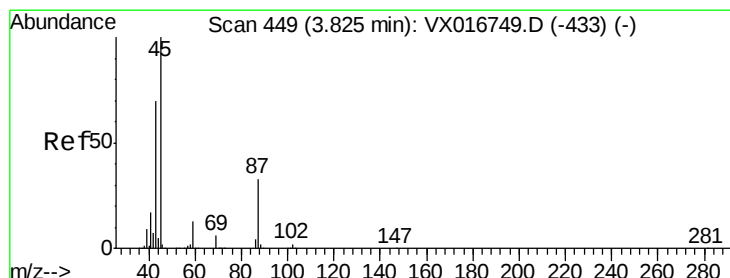
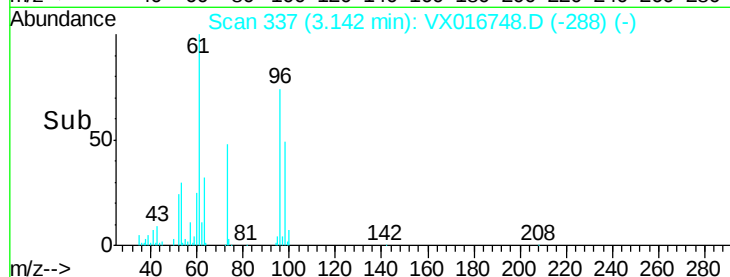
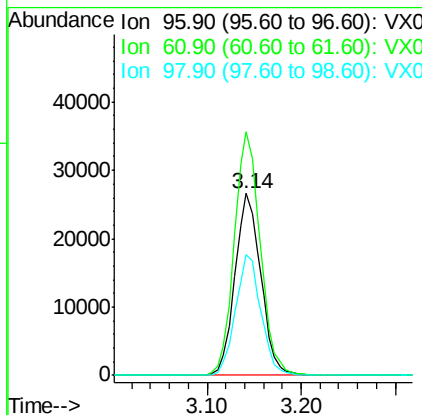
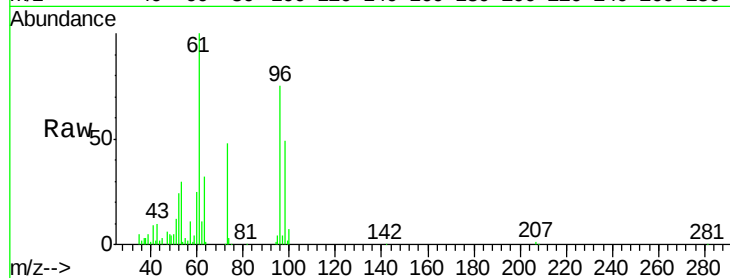
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	50823
Ion Ratio	Lower	Upper	
96	100		
61	134.0	105.4	158.2
98	66.3	50.8	76.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.459 ug/l

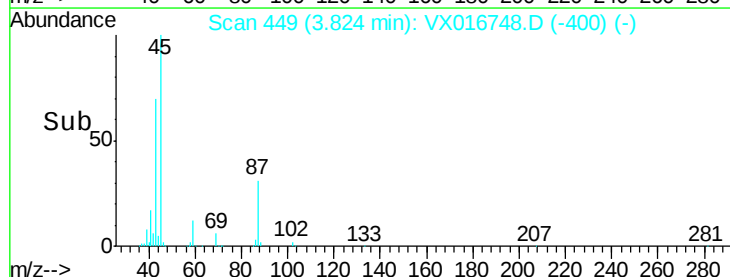
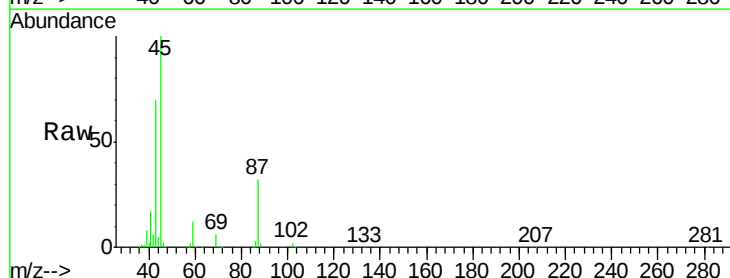
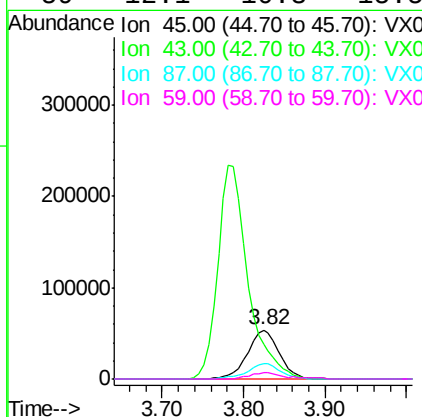
RT: 3.82 min Scan# 449

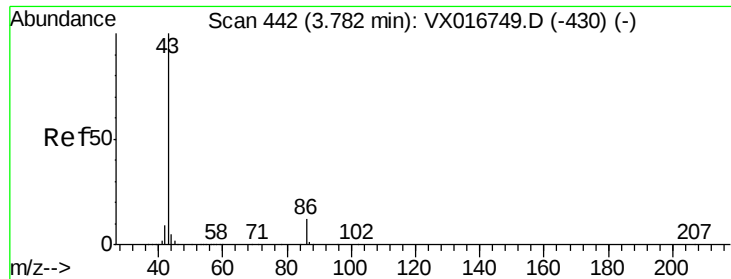
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	45	Resp:	144829
Ion Ratio	Lower	Upper	
45	100		
43	69.3	56.2	84.4
87	31.6	26.2	39.4
59	12.1	10.3	15.5





#23

Vinyl Acetate

Concen: 83.803 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tot Ion: 43 Resp: 604038

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8

Instrument :

MSVOA_X

ClientSampleId :

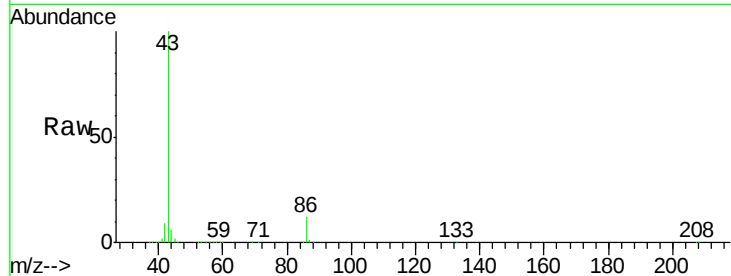
VSTDIC020

Manual Integrations

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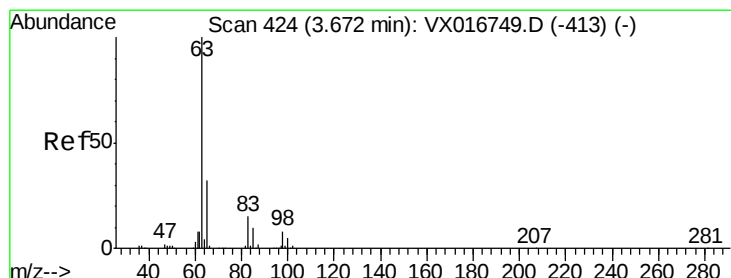
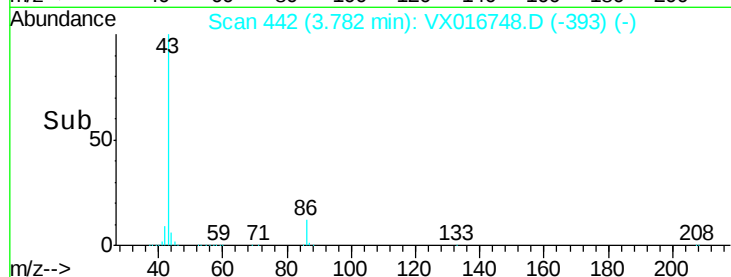
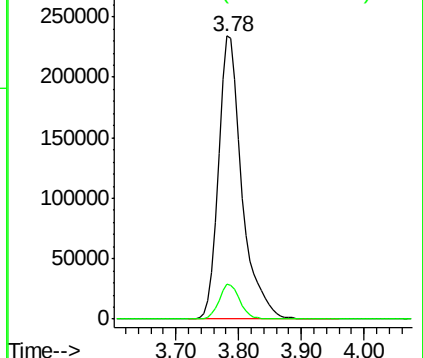
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.394 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

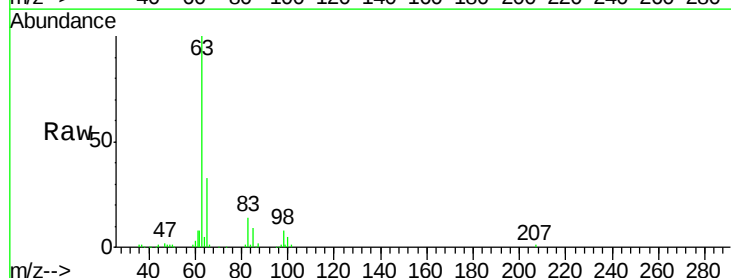
Tgt Ion: 63 Resp: 87475

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

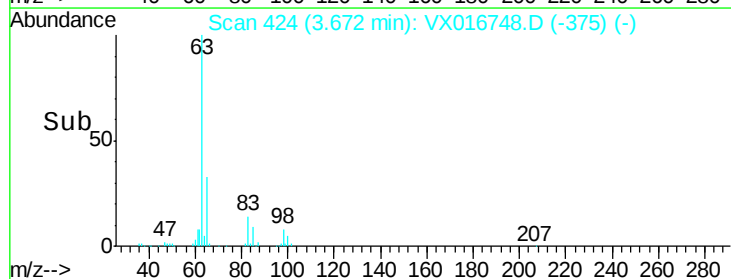
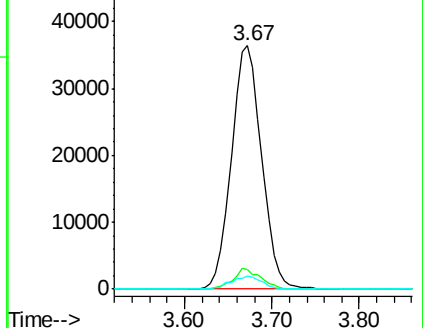
100 5.5 2.3 6.9

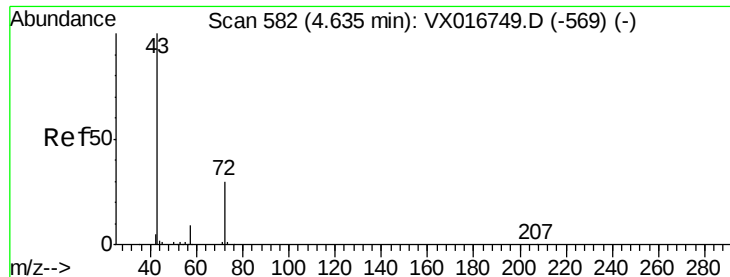


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.023 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 188128

Ion Ratio Lower Upper

43 100

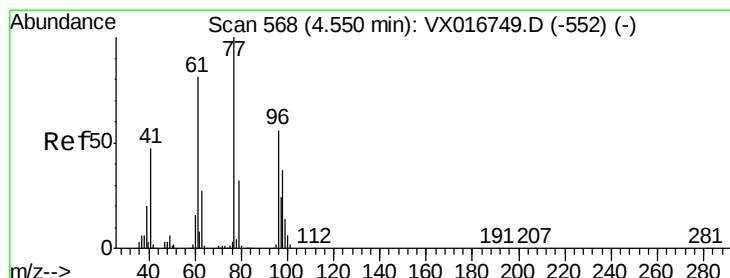
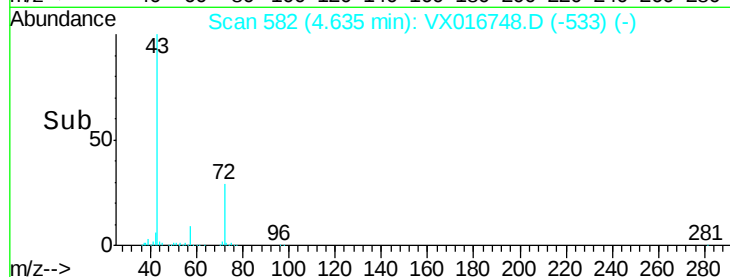
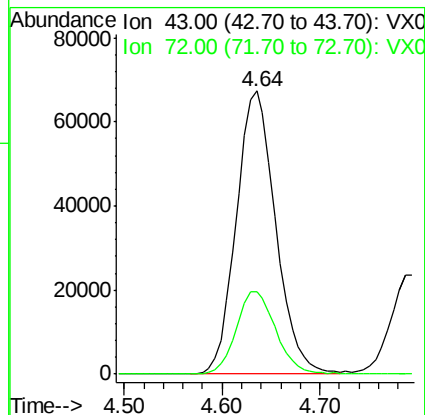
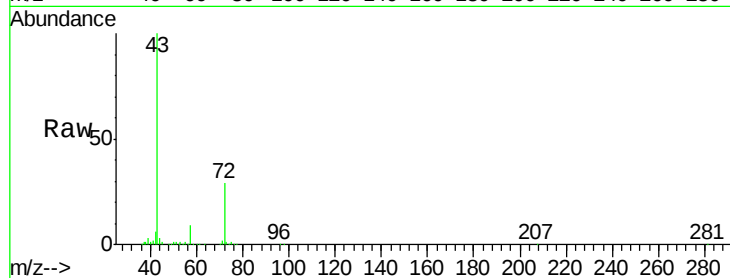
72 28.7 24.2 36.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.703 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016748.D

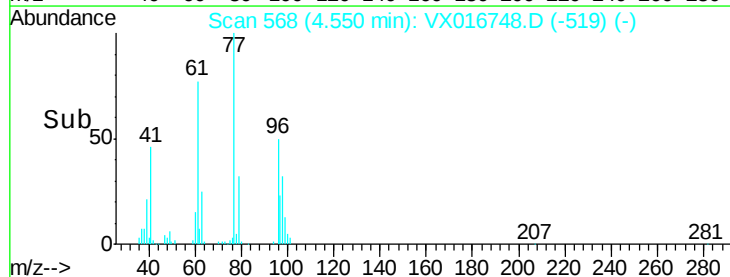
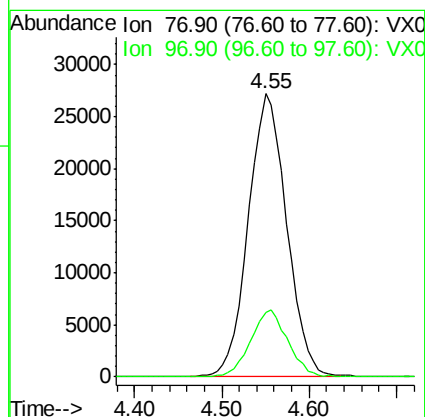
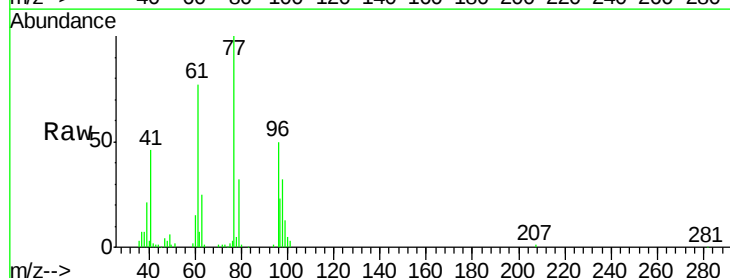
Acq: 15 Jun 2020 11:55

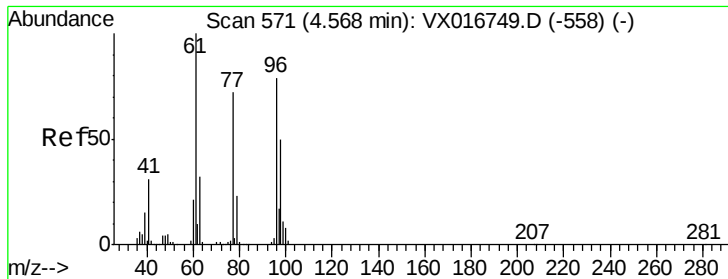
Tgt Ion: 77 Resp: 82988

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

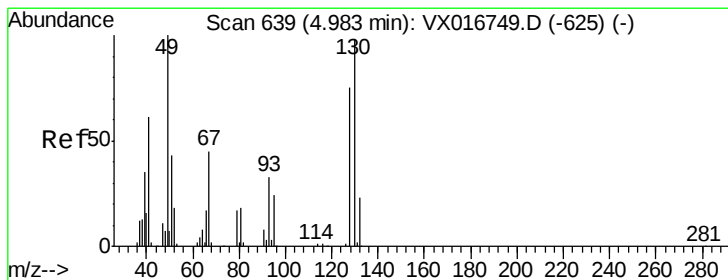
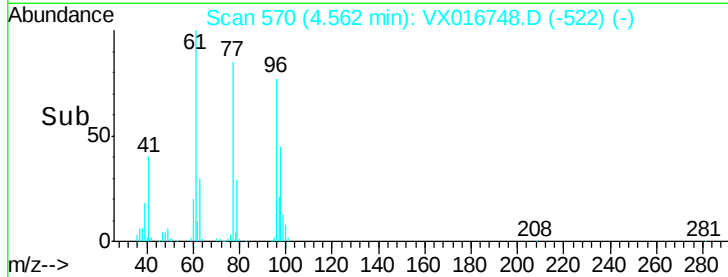
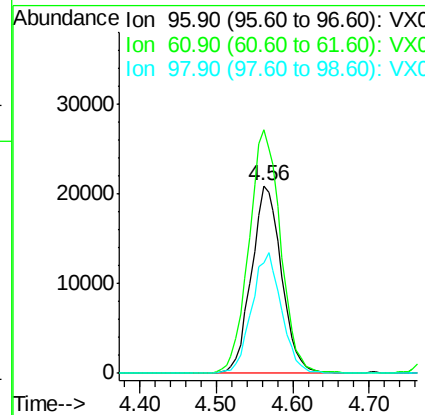
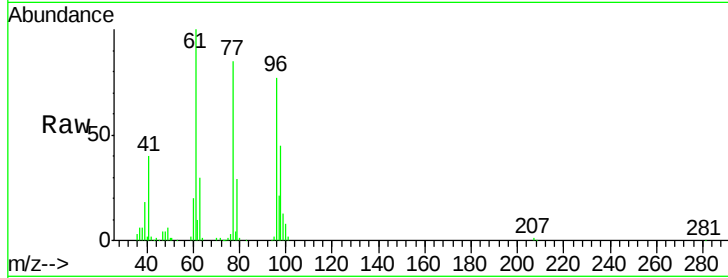
cis-1,2-Dichloroethene
Concen: 18.615 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	276.2
98	63.6	0.0	130.0

Manual Integrations
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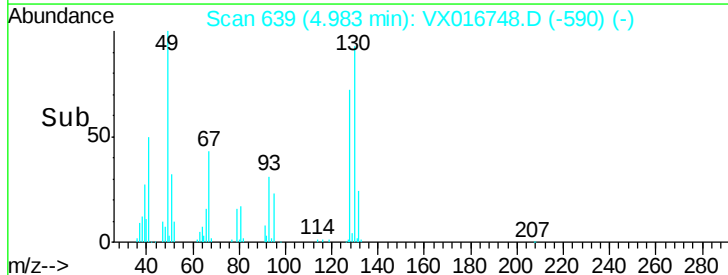
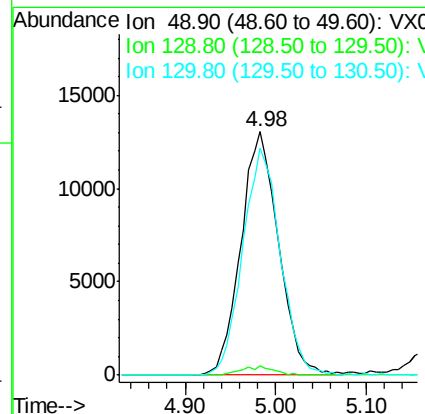
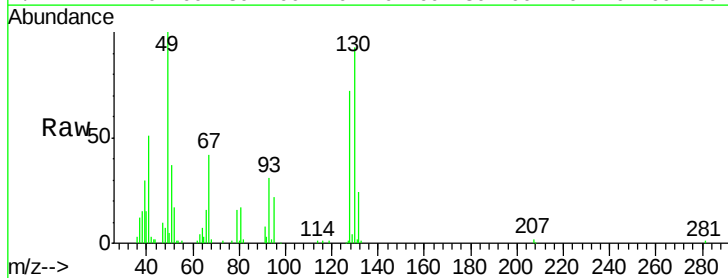
MMDadoda
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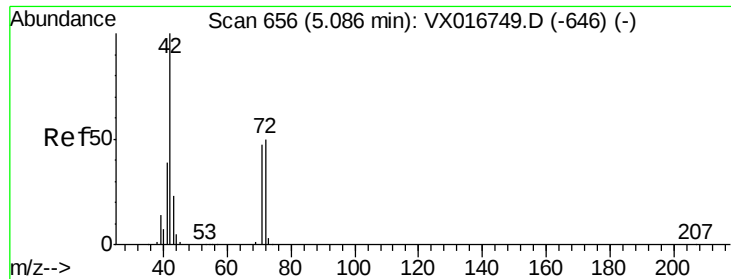


#28

Bromochloromethane
Concen: 17.150 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	2.8#
130	92.5	76.0	114.0





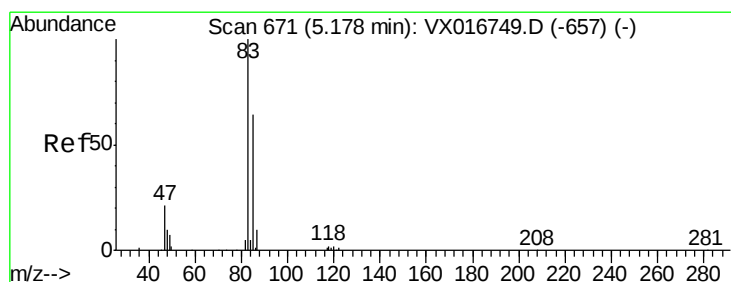
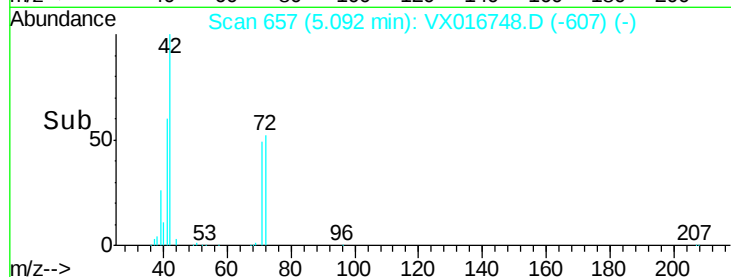
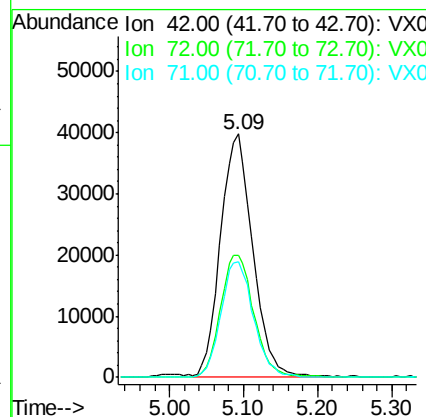
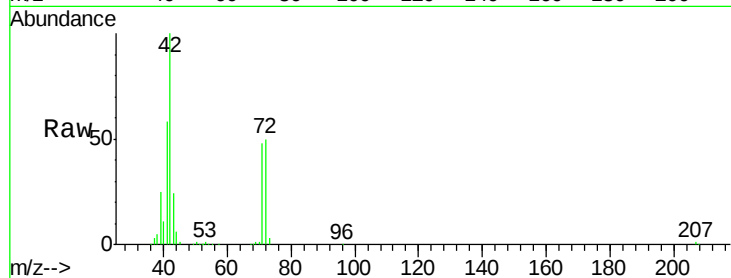
#29
Tetrahydrofuran
Concen: 82.357 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.3	41.0	61.6
71	48.4	38.2	57.4

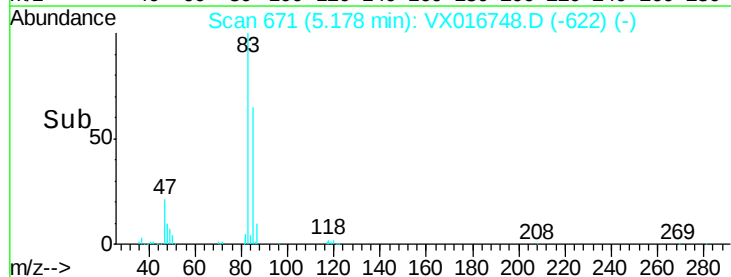
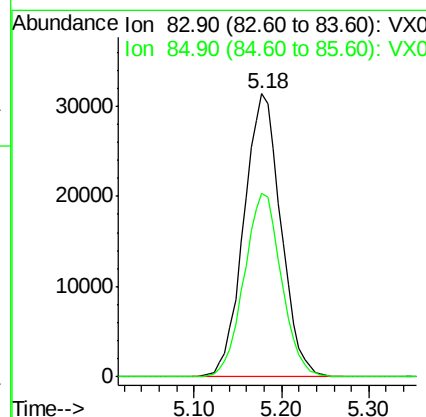
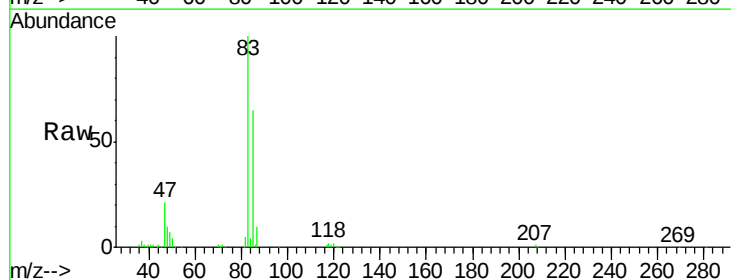
Manual Integrations
APPROVED

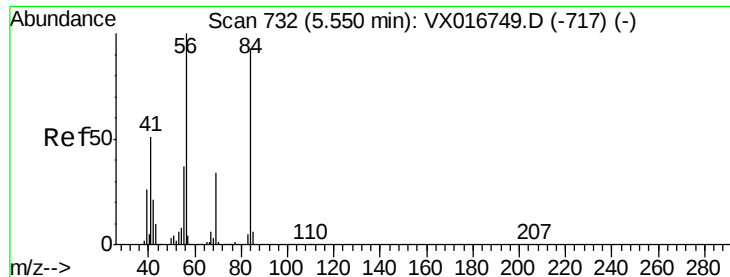
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#30
Chloroform
Concen: 19.126 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	50.8	76.2





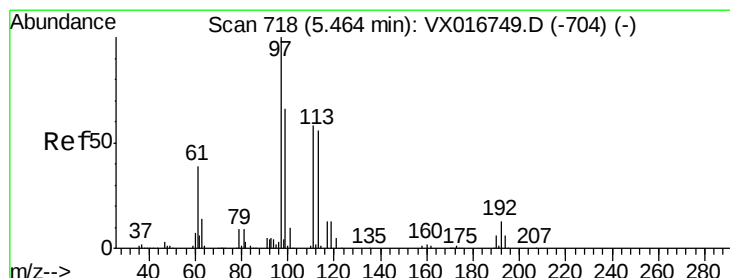
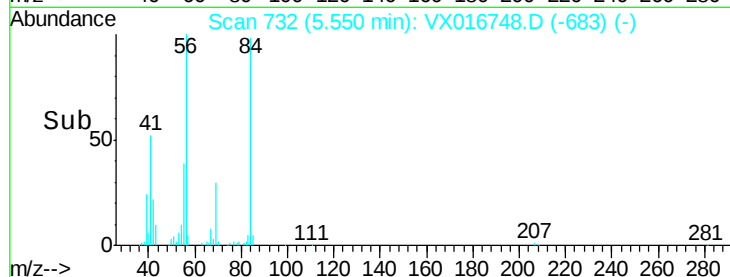
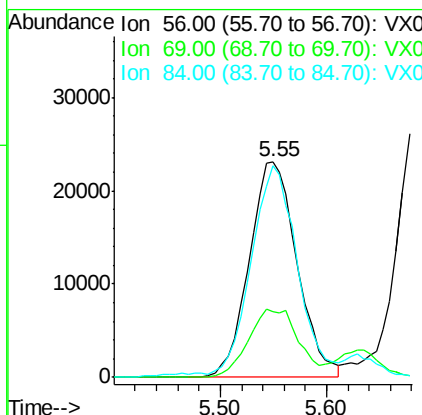
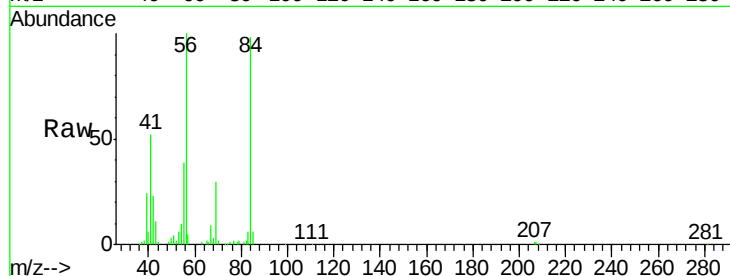
#31
Cyclohexane
Concen: 17.078 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.5	27.1	40.7
84	96.5	74.0	111.0

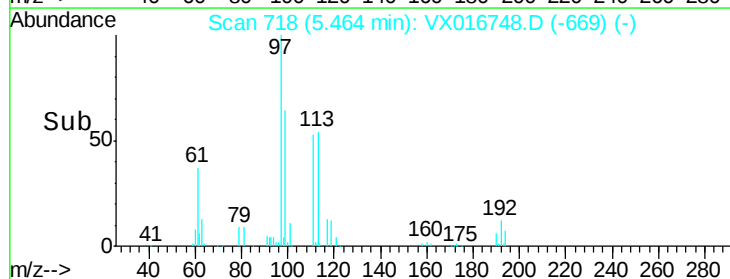
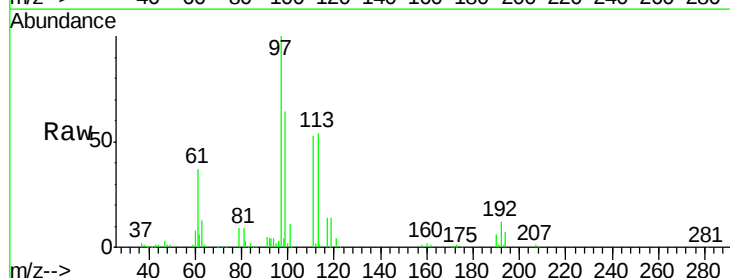
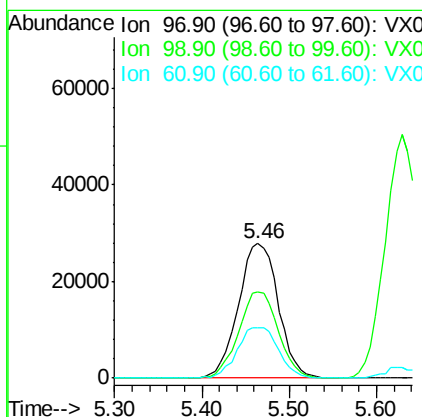
Manual Integrations
APPROVED

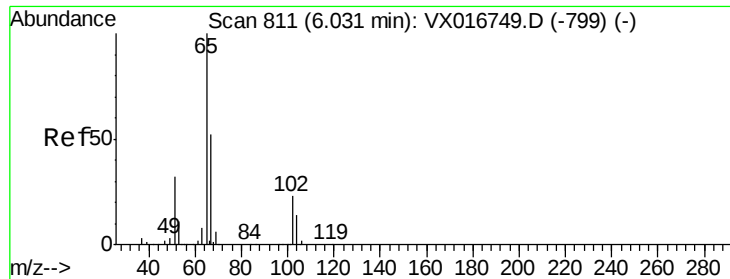
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 20.110 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.5	77.3
61	39.0	31.3	46.9





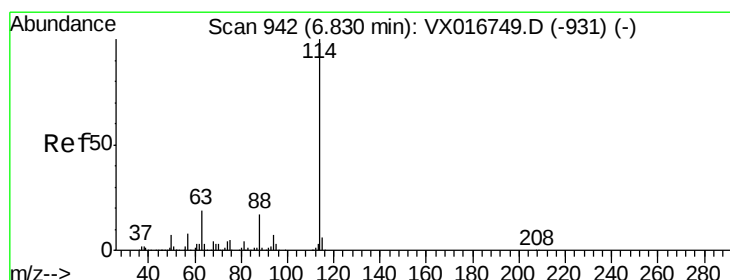
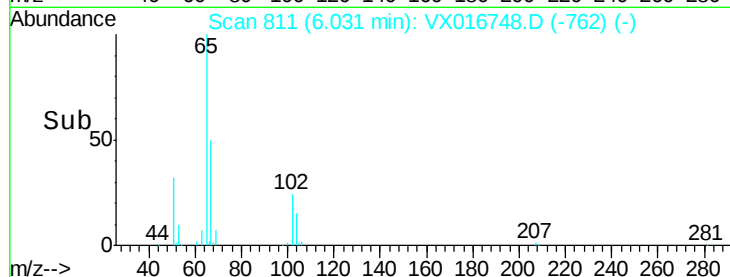
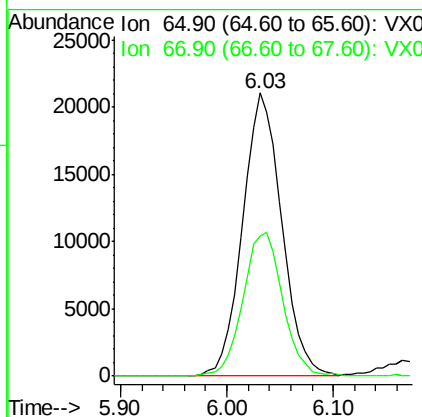
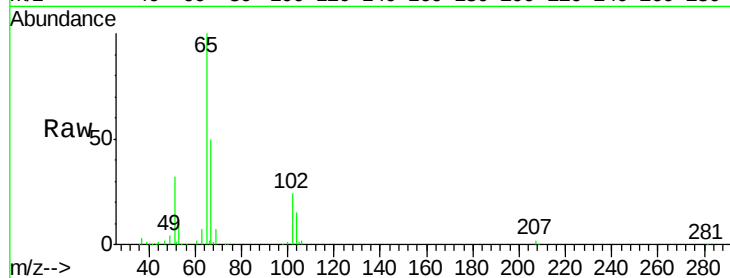
#33
 1,2-Dichloroethane-d4
 Concen: 17.633 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.0

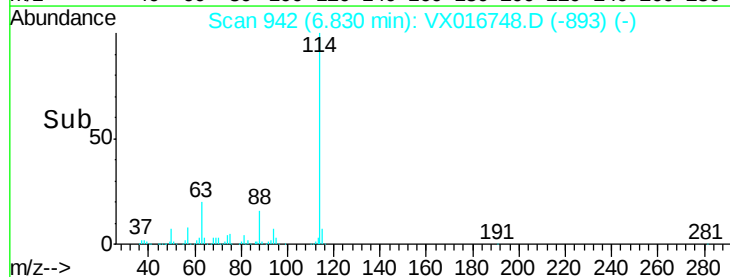
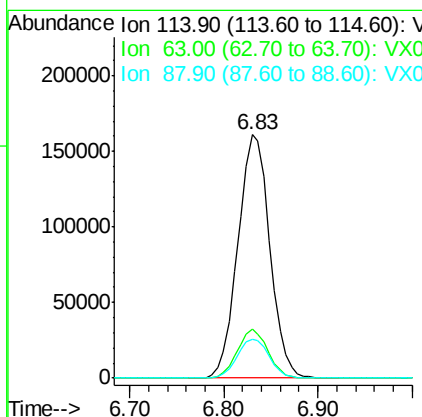
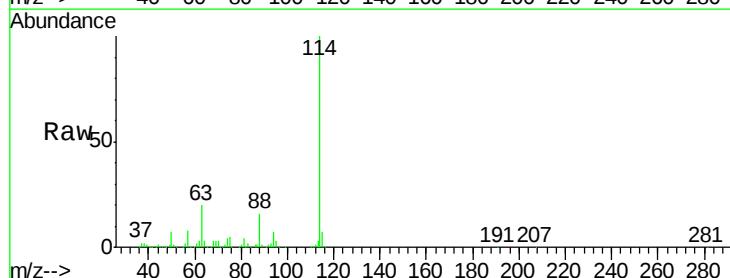
Manual Integrations
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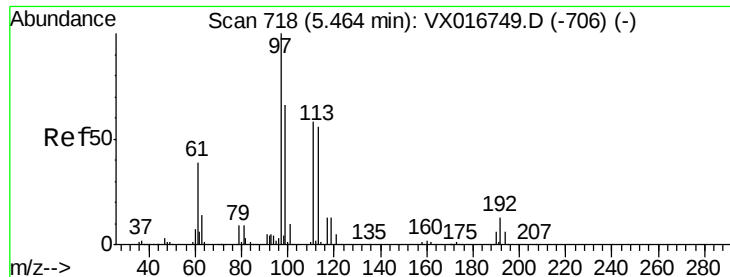
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	38.8
88	15.9	0.0	33.4





#35

Dibromofluoromethane

Concen: 18.587 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

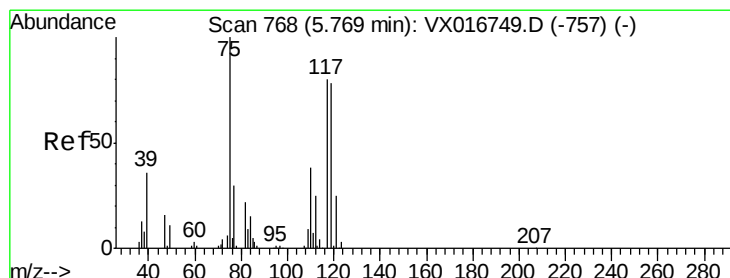
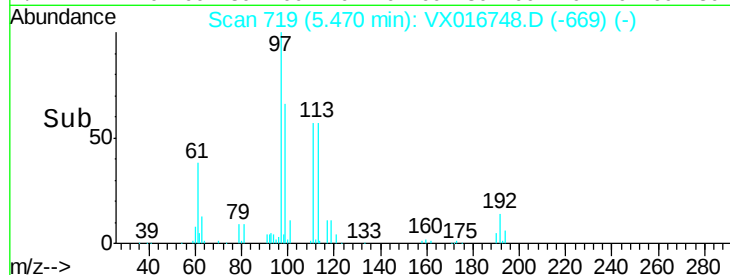
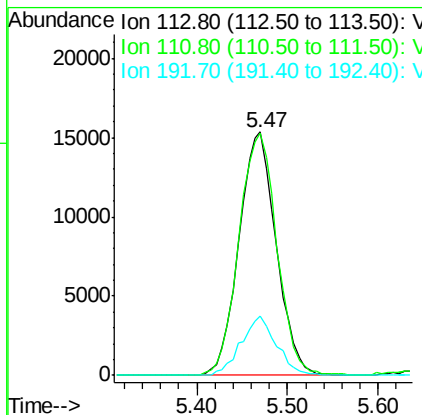
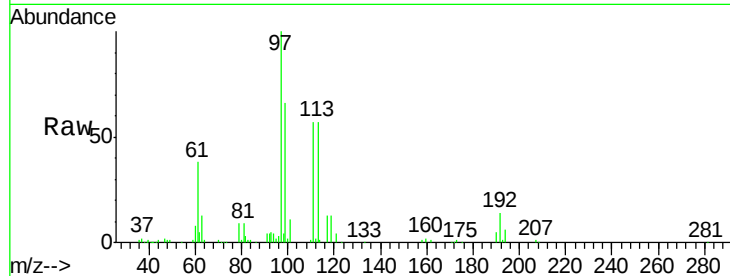
ClientSampleId :

VSTDIC020

Tot Ion:	113	Resp:	43507
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.8	122.6
192	23.1	18.2	27.4

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.198 ug/l

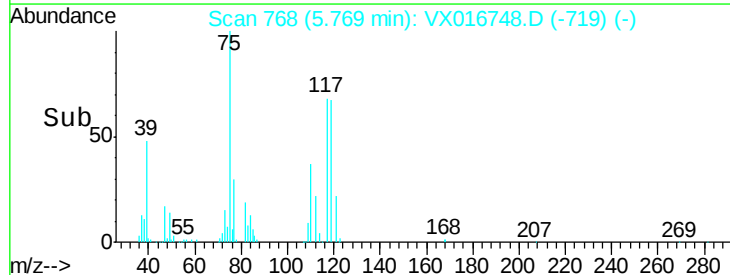
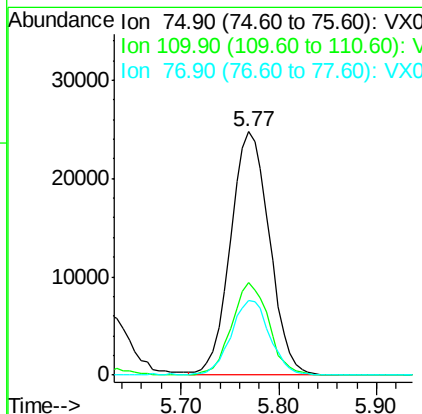
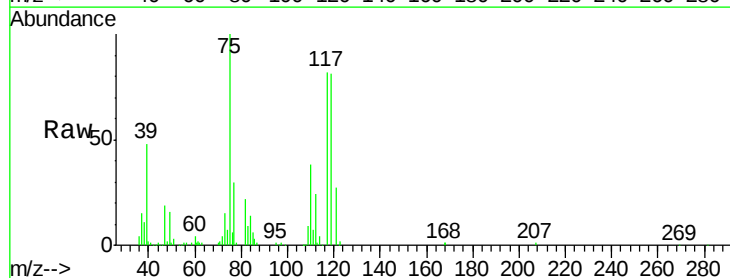
RT: 5.77 min Scan# 768

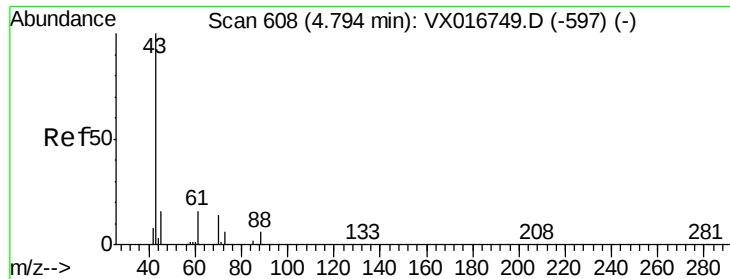
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	75	Resp:	68530
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.4	55.2
77	30.7	24.7	37.1





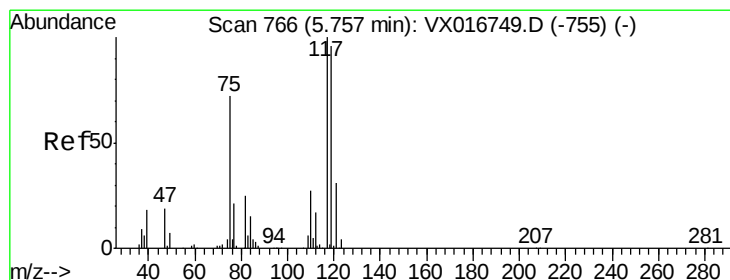
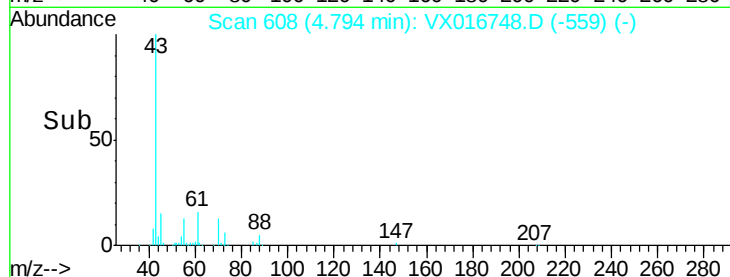
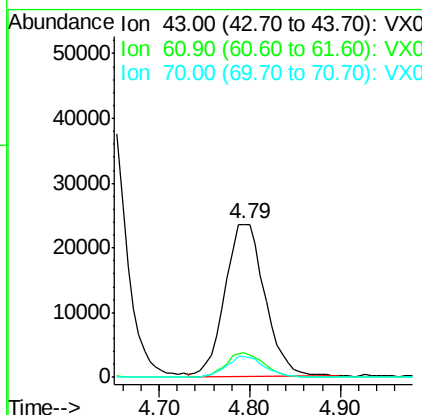
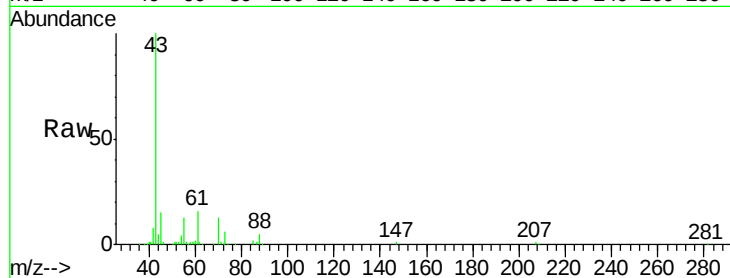
#37
Ethyl Acetate
Concen: 17.240 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	43	Resp:	72196
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.4	18.6
70	13.1	10.8	16.2

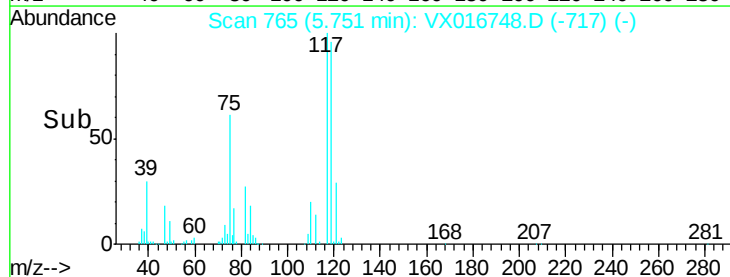
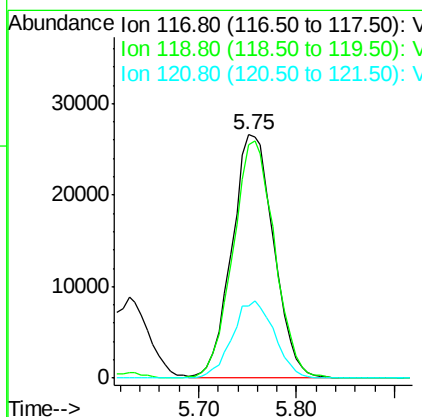
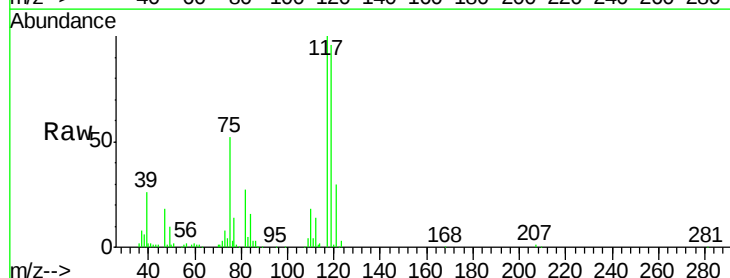
Manual Integrations
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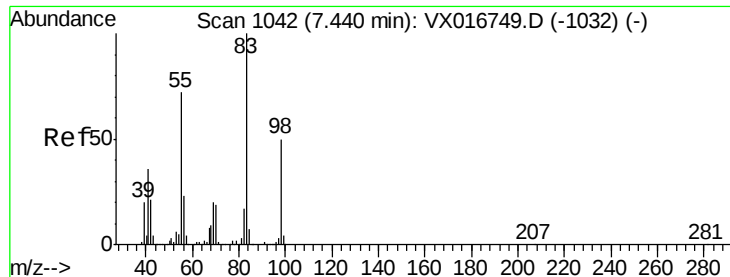
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#38
Carbon Tetrachloride
Concen: 20.759 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion:	117	Resp:	78939
Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
121	29.6	24.7	37.1





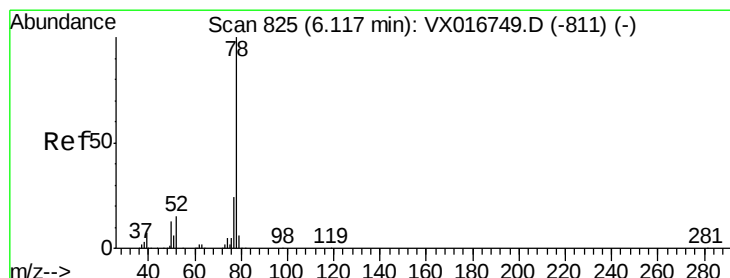
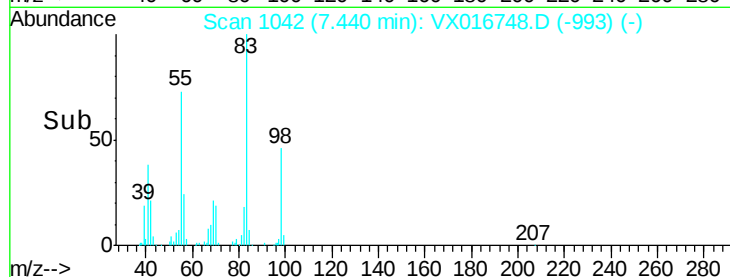
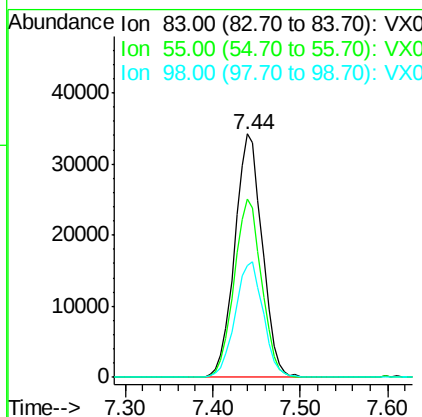
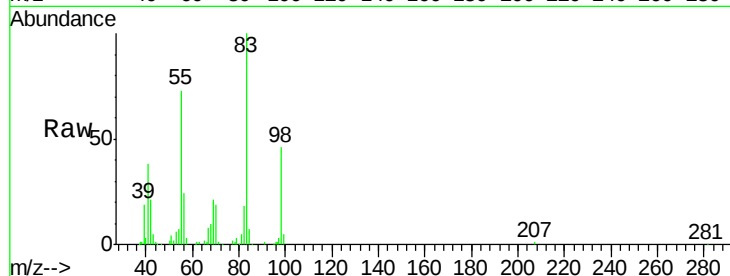
#39
Methvlcvclohexane
Concen: 19.244 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.2	57.3	85.9
98	45.8	40.3	60.5

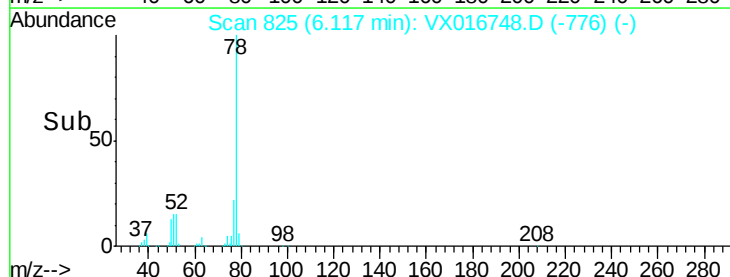
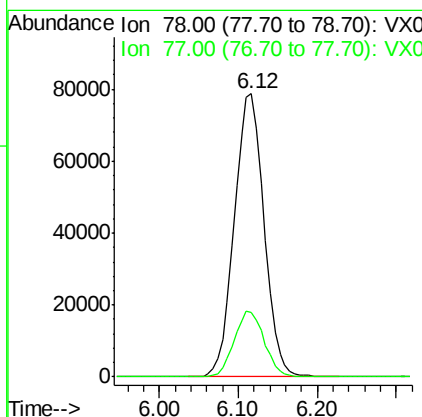
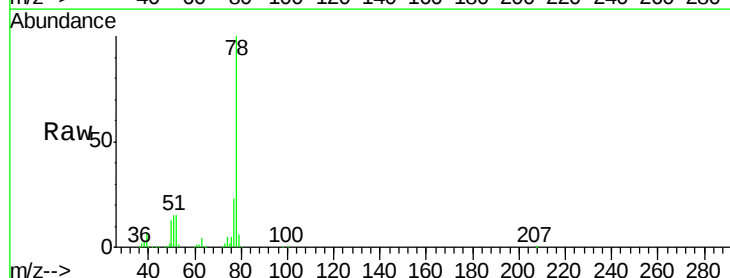
Manual Integrations
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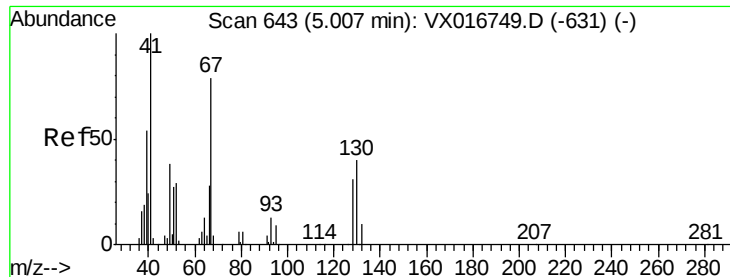
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#40
Benzene
Concen: 19.461 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.0	28.4





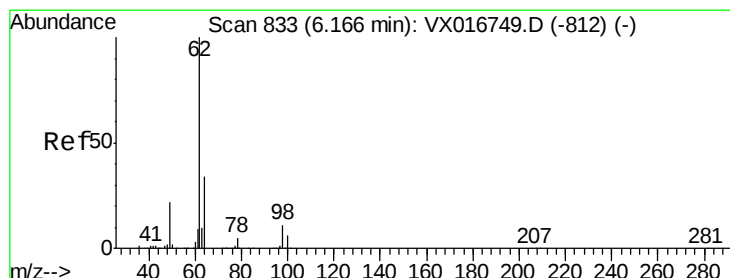
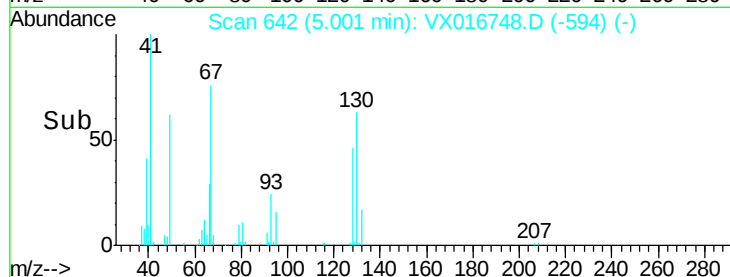
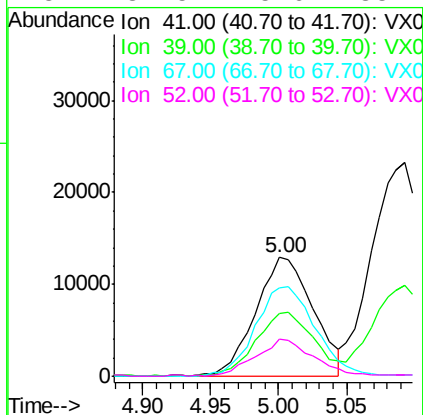
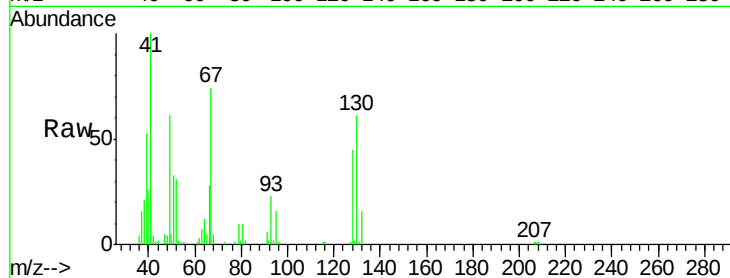
#41
Methacrylonitrile
Concen: 16.567 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	38115
Ion	Ratio	Lower	Upper
41	100		
39	55.7	43.7	65.5
67	79.3	64.6	96.8
52	31.5	25.6	38.4

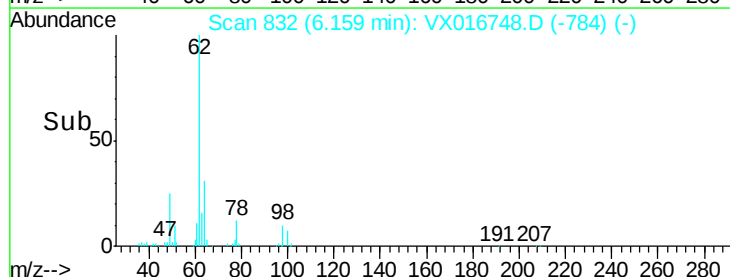
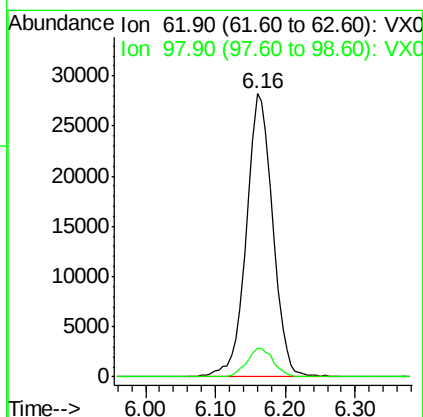
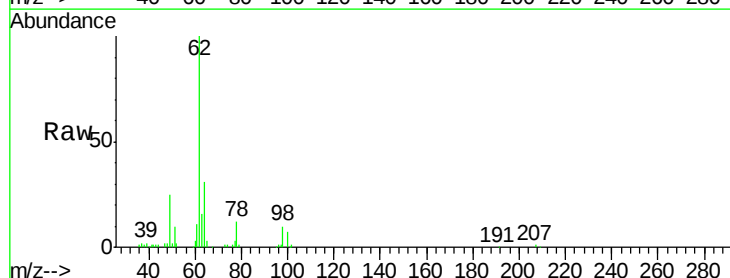
Manual Integrations
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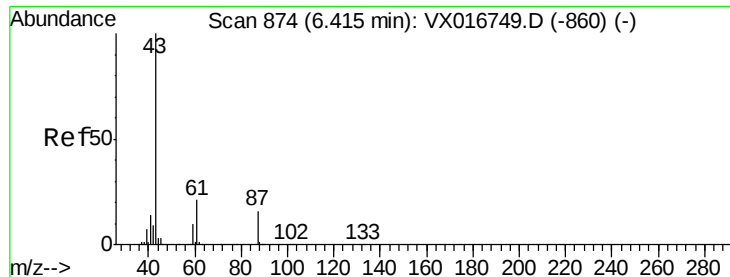
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.624 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion:	62	Resp:	74114
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





#43

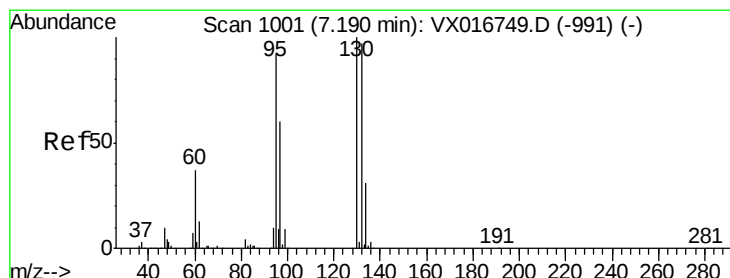
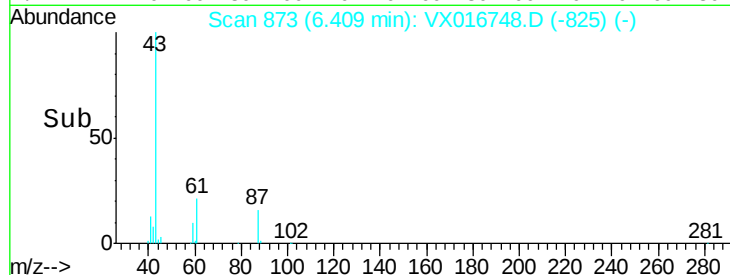
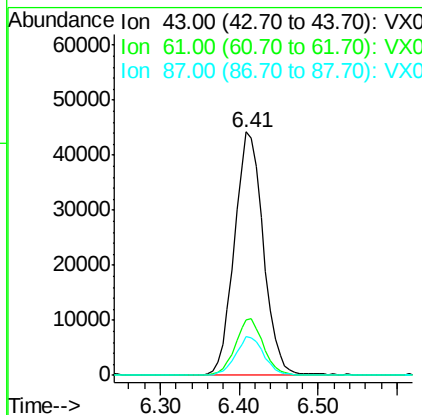
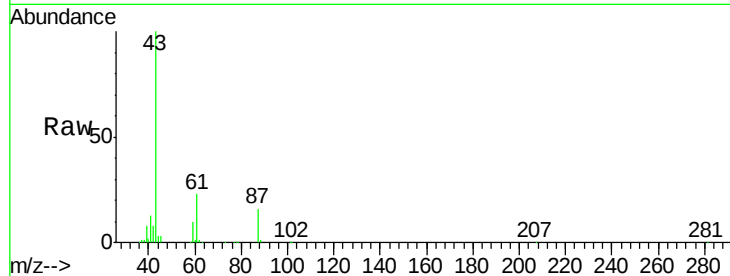
Isopropyl Acetate
 Concen: 17.122 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.4	17.7	26.5
87	15.5	12.5	18.7

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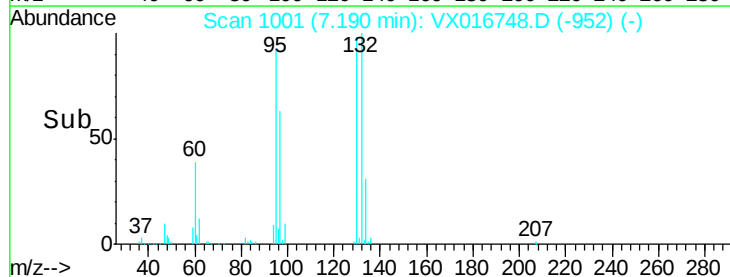
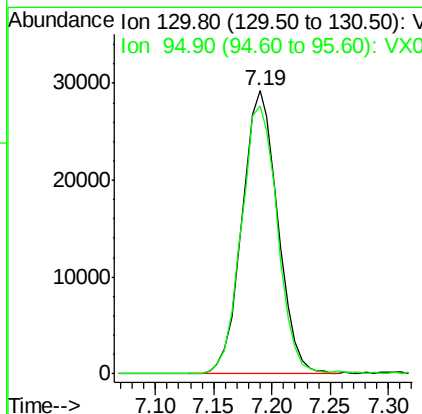
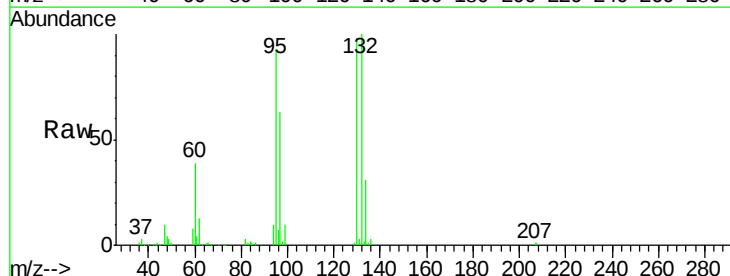
MMDadoda
 6/16/2020 3:23:09 PM

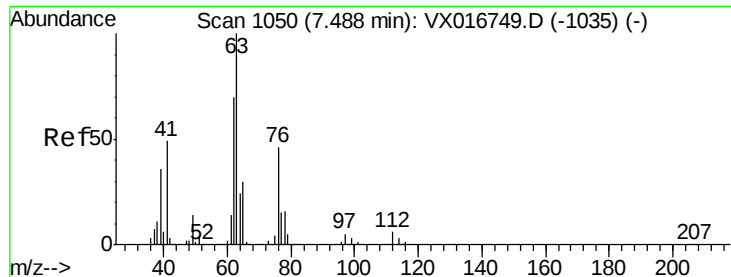


#44

Trichloroethene
 Concen: 18.535 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	183.6





#45

1,2-Dichloropropane

Concen: 18.590 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 63 Resp: 49937

Ion Ratio Lower Upper

63 100

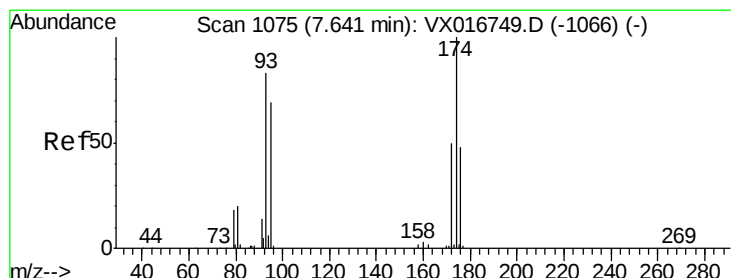
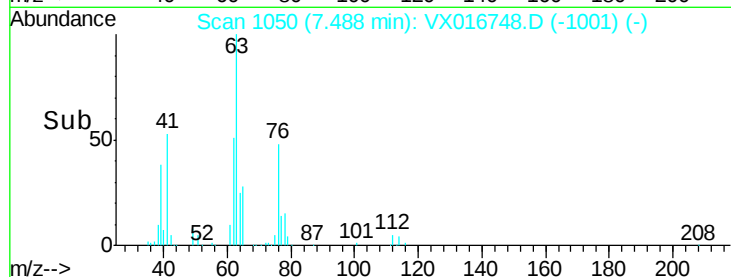
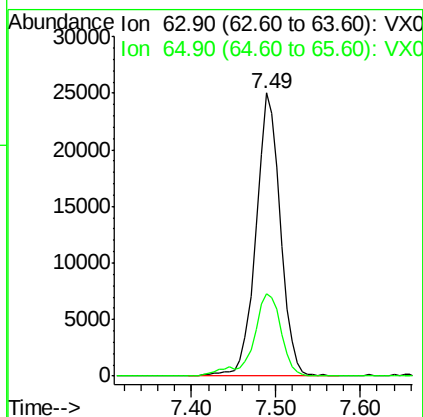
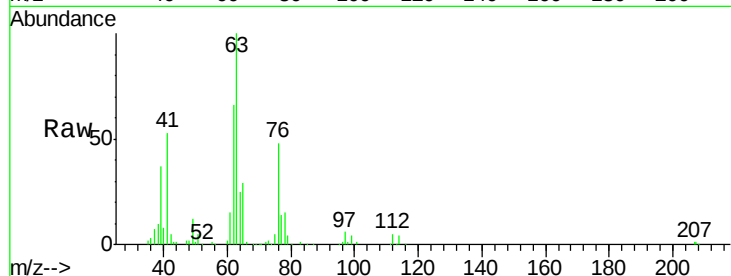
65 29.2 24.2 36.2

Manual Integrations

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#46

Dibromomethane

Concen: 19.518 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

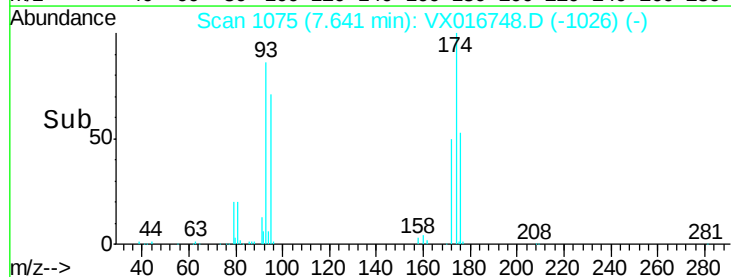
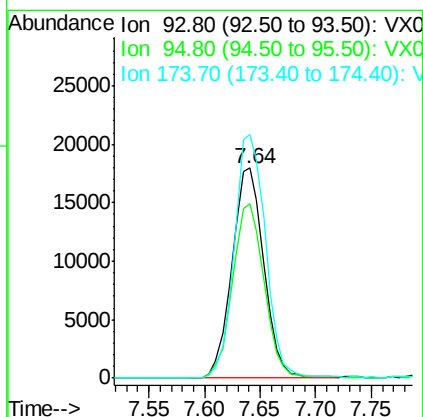
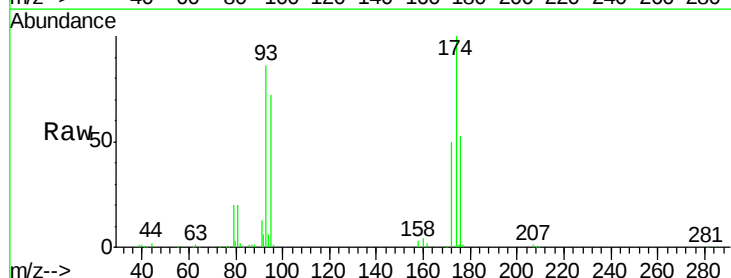
Tgt Ion: 93 Resp: 35574

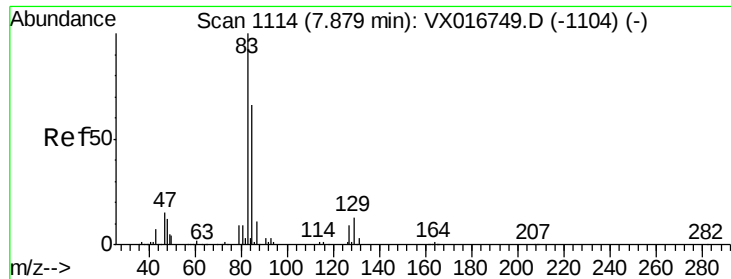
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 113.9 93.8 140.8





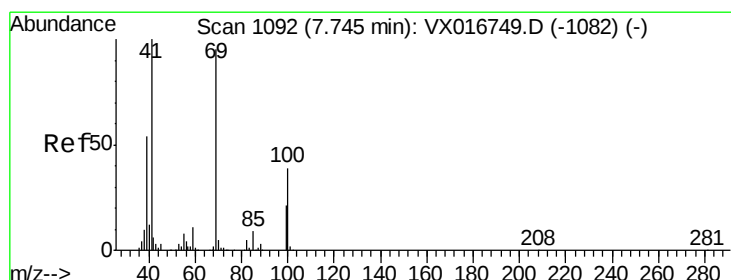
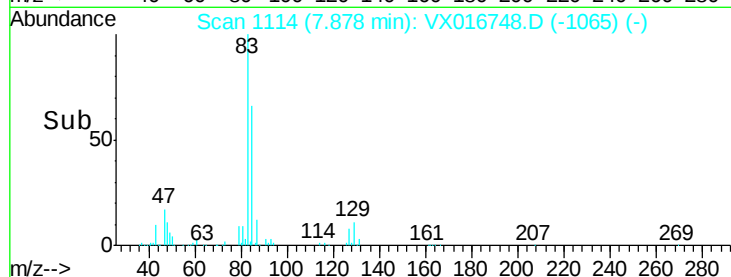
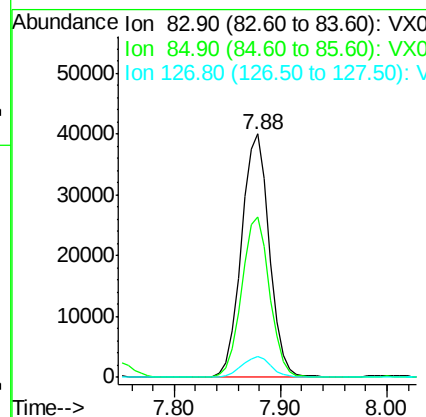
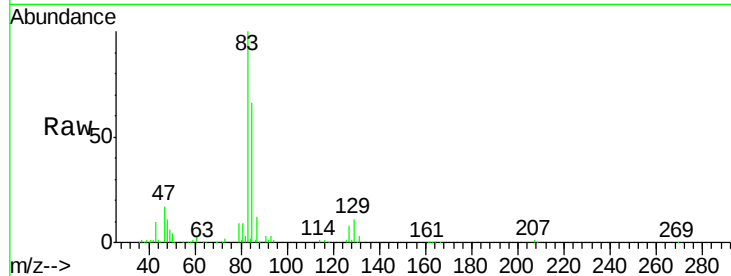
#47
Bromodichloromethane
Concen: 19.572 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	83	Resp	73931
Ion Ratio	100	Lower	Upper
83	100		
85	65.7	52.5	78.7
127	8.4	7.5	11.3

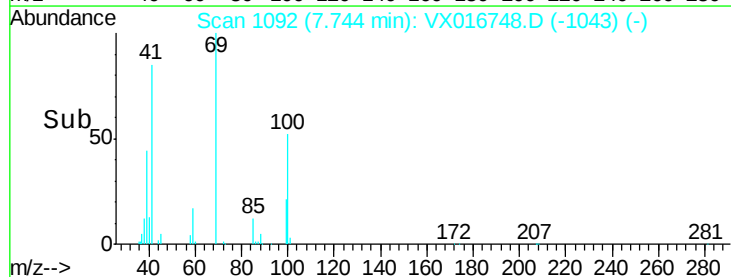
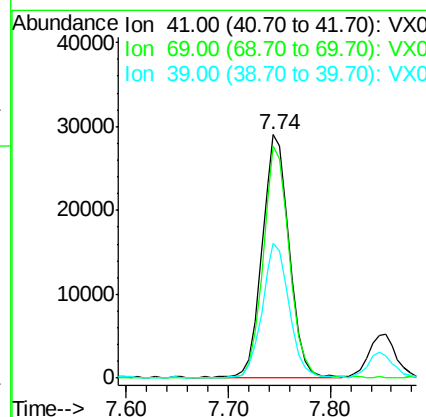
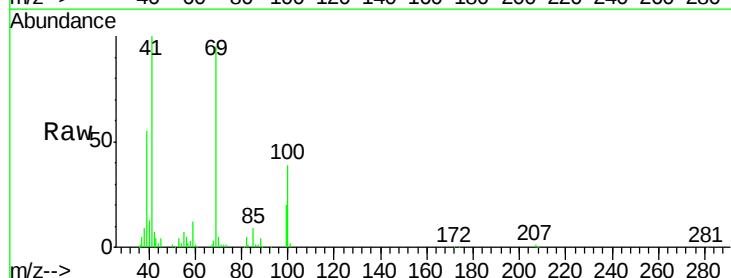
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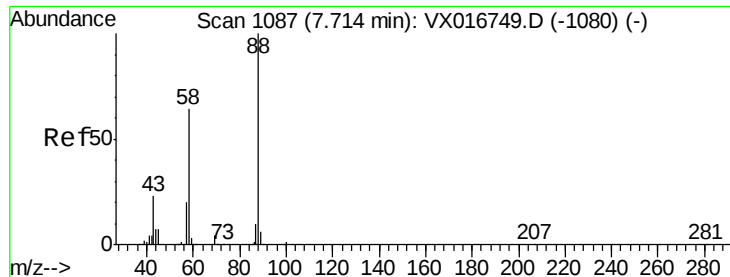
MMDadoda
6/16/2020 3:23:09 PM



#48
Methyl methacrylate
Concen: 17.019 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	41	Resp	53262
Ion Ratio	100	Lower	Upper
41	100		
69	92.7	75.0	112.6
39	55.6	44.3	66.5





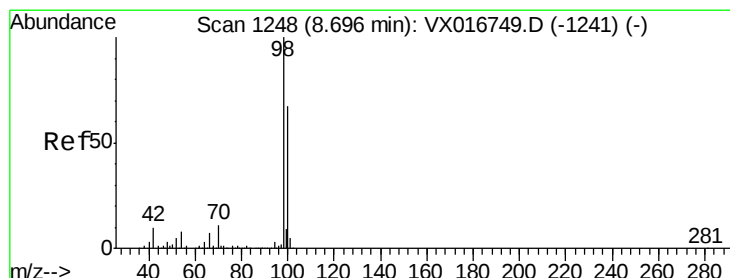
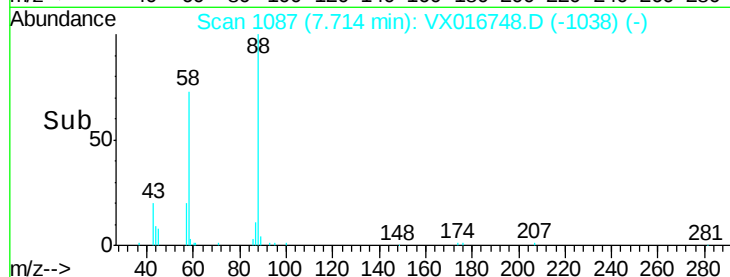
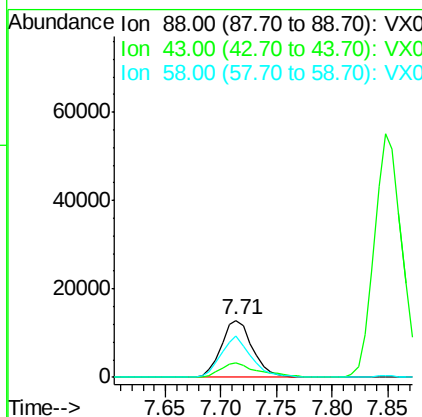
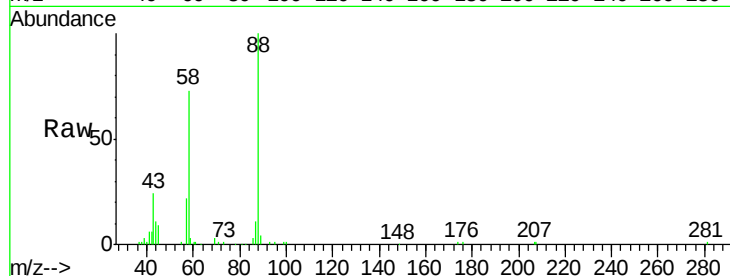
#49
1,4-Dioxane
Concen: 338.720 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	22.9	34.3
58	69.8	53.7	80.5

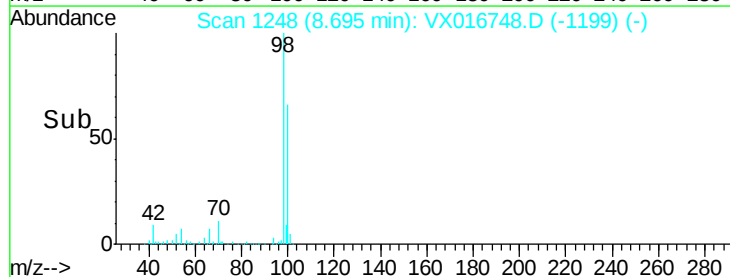
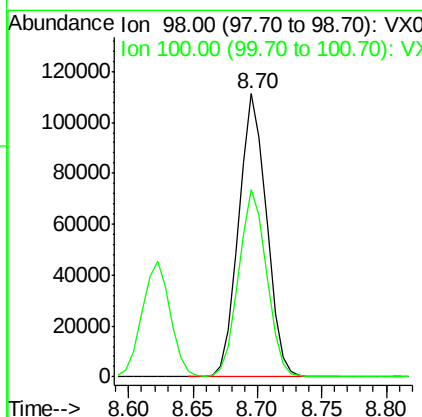
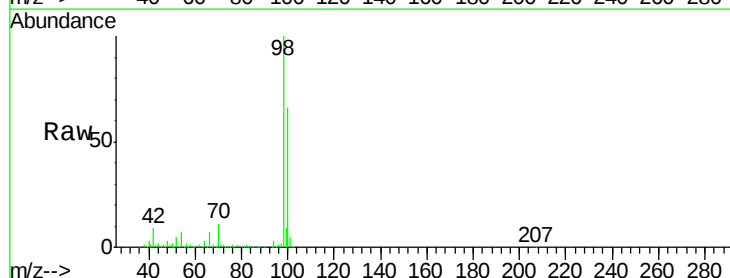
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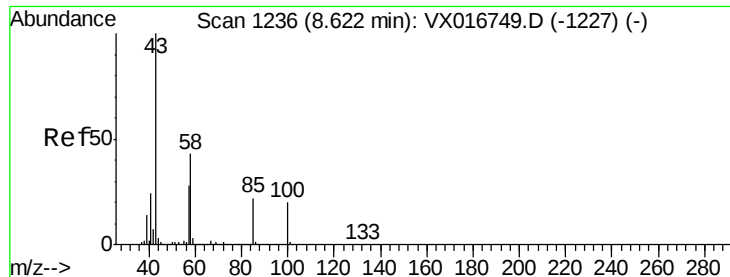
MMDadoda
6/16/2020 3:23:09 PM



#50
Toluene-d8
Concen: 18.488 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.9	80.9





#51

4-Methyl-2-Pentanone

Concen: 87.010 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 353963

Ion Ratio Lower Upper

43 100

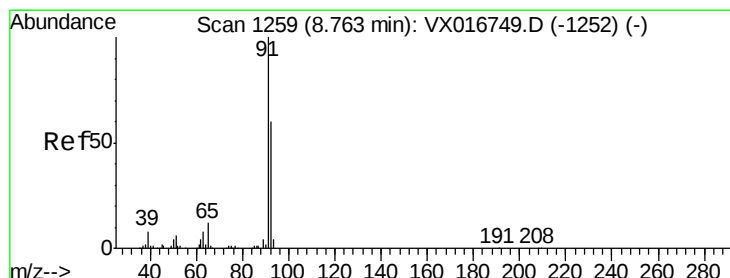
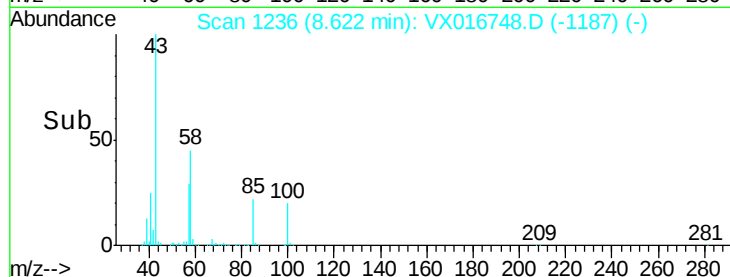
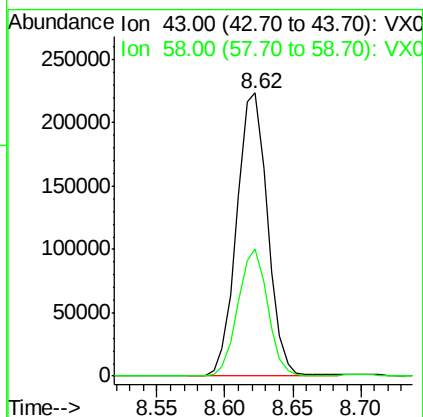
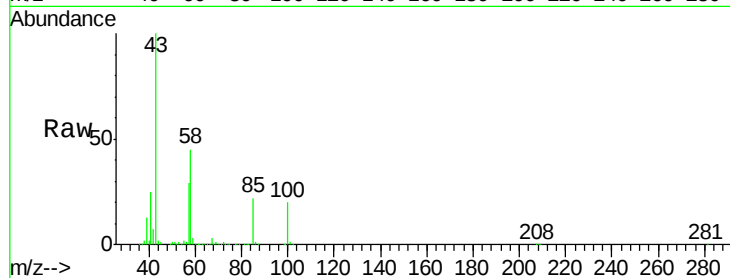
58 43.6 34.6 52.0

Manual Integrations

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#52

Toluene

Concen: 19.805 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016748.D

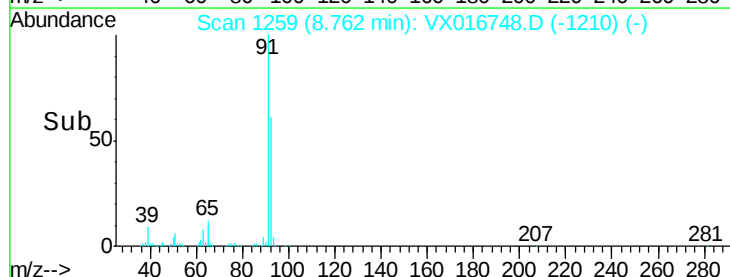
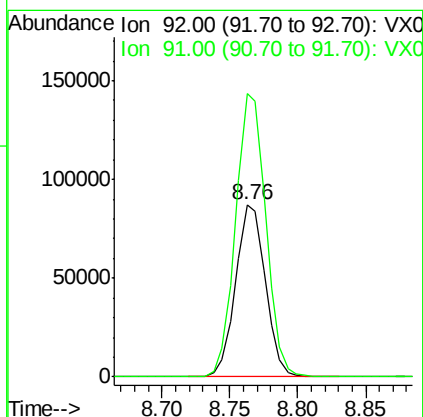
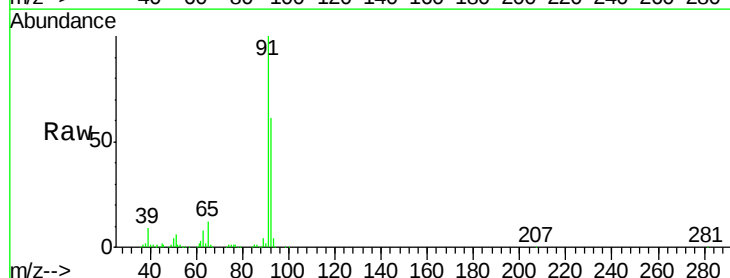
Acq: 15 Jun 2020 11:55

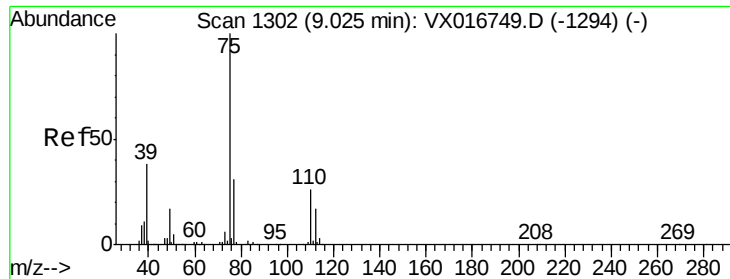
Tgt Ion: 92 Resp: 133096

Ion Ratio Lower Upper

92 100

91 167.4 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 19.236 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 82625

Ion Ratio Lower Upper

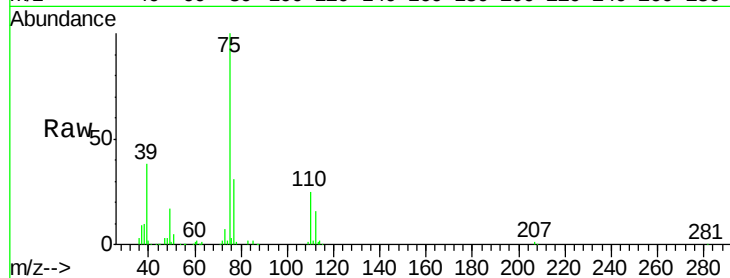
75 100

77 30.6 24.7 37.1

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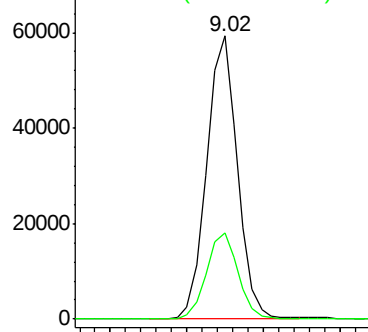
MMDadoda

6/16/2020 3:23:09 PM

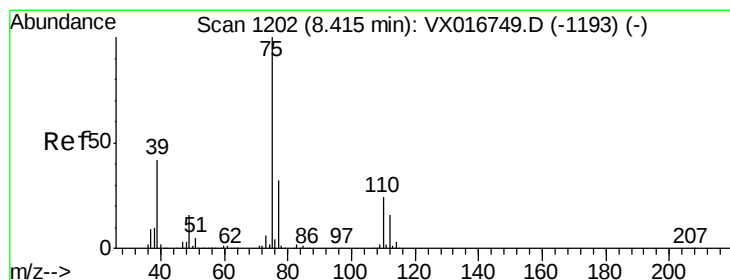
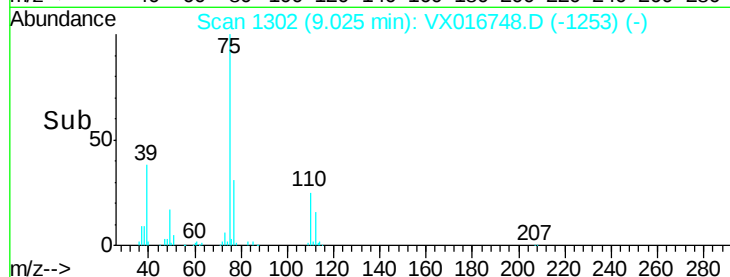


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.349 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

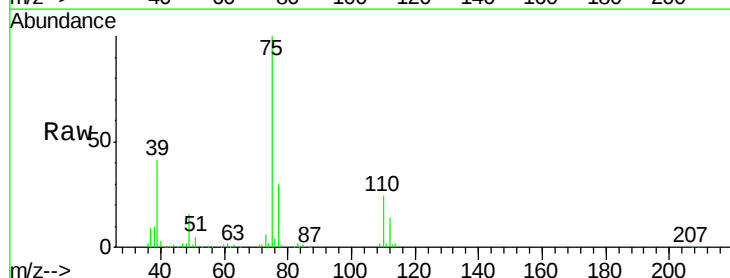
Tgt Ion: 75 Resp: 87638

Ion Ratio Lower Upper

75 100

77 30.0 25.3 37.9

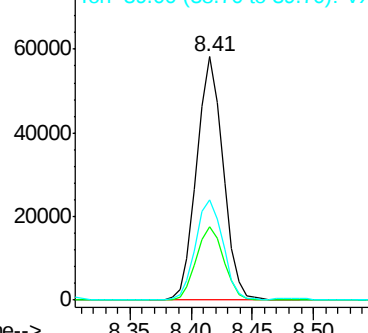
39 40.9 33.7 50.5



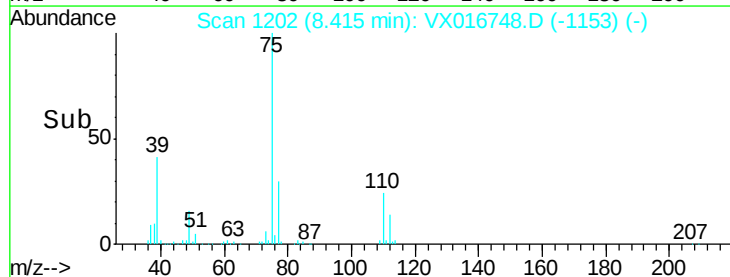
Abundance Ion 74.90 (74.60 to 75.60): VX0

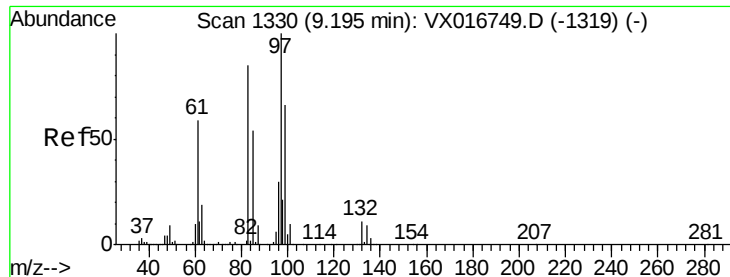
Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



Time-->





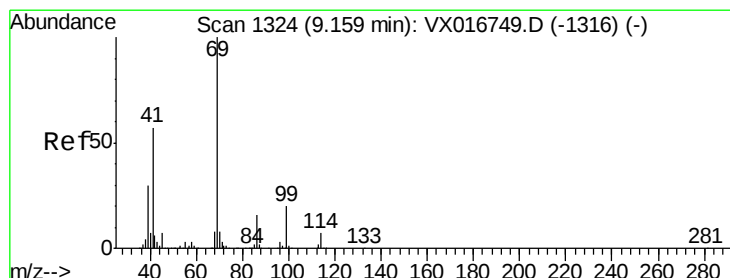
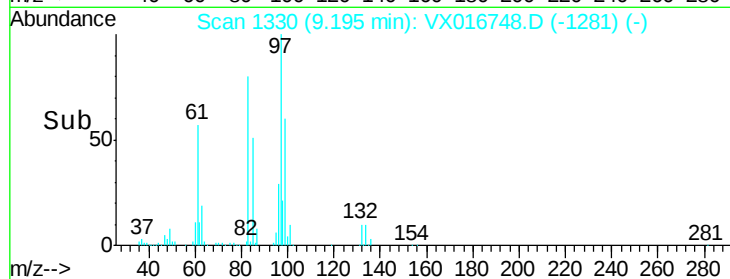
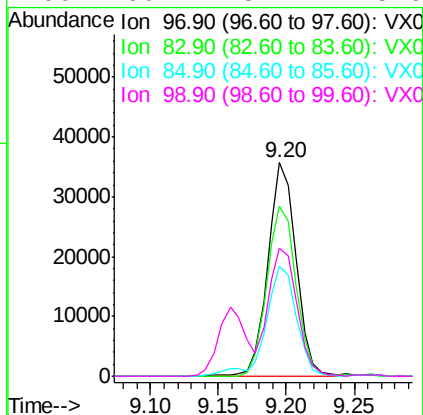
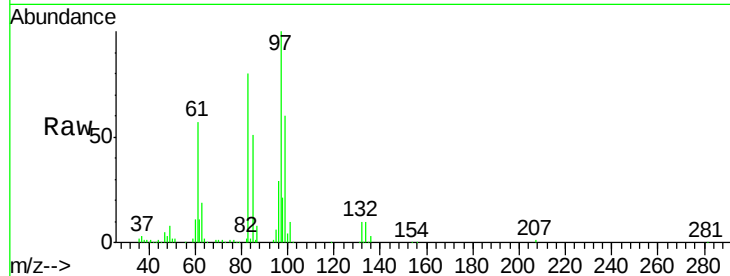
#55
 1,1,2-Trichloroethane
 Concen: 19.388 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		51929		
83	79.9	68.3	102.5		
85	51.4	43.5	65.3		
99	60.1	52.4	78.6		

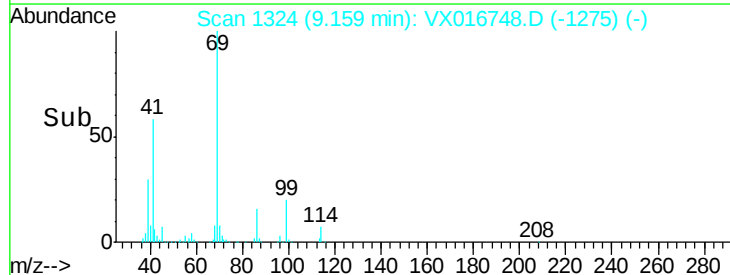
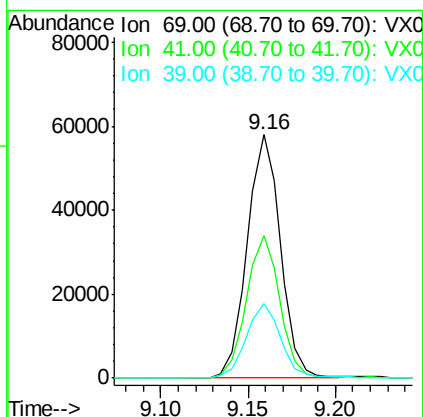
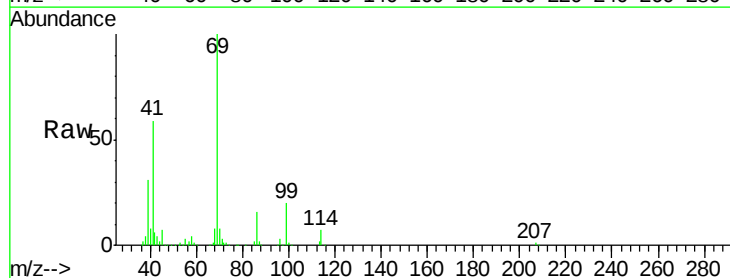
Manual Integrations
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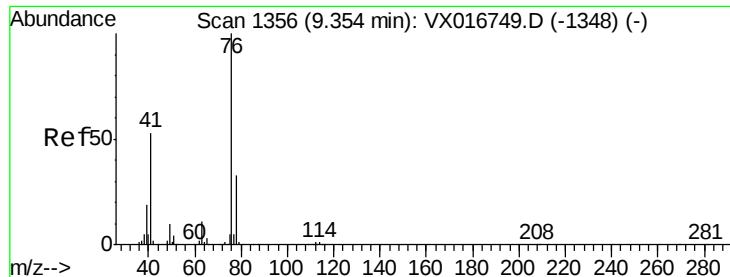
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#56
 Ethyl methacrylate
 Concen: 17.888 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		76998		
41	59.1	47.1	70.7		
39	31.1	25.0	37.6		





#57

1,3-Dichloropropane

Concen: 19.082 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 87011

Ion Ratio Lower Upper

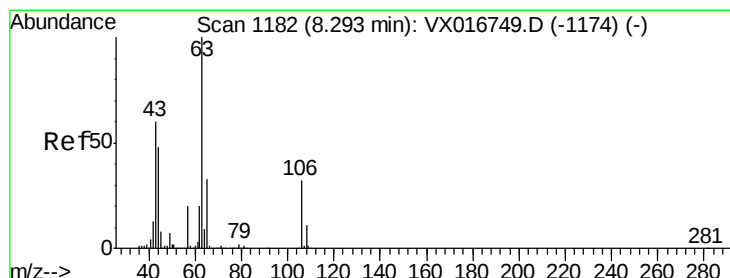
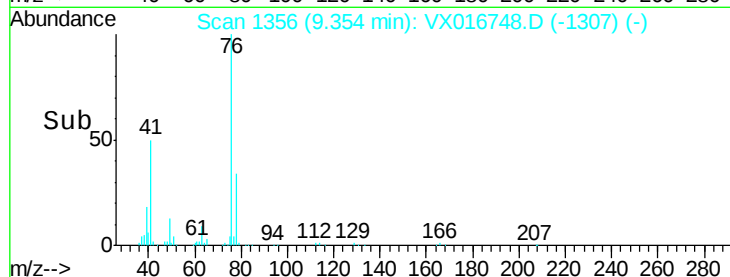
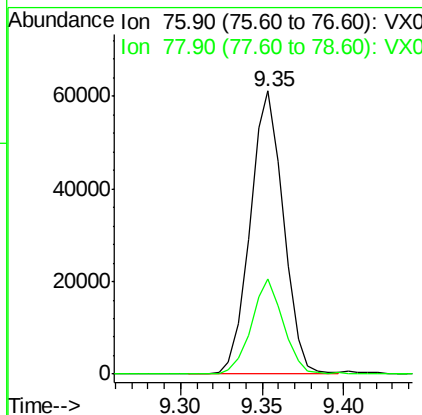
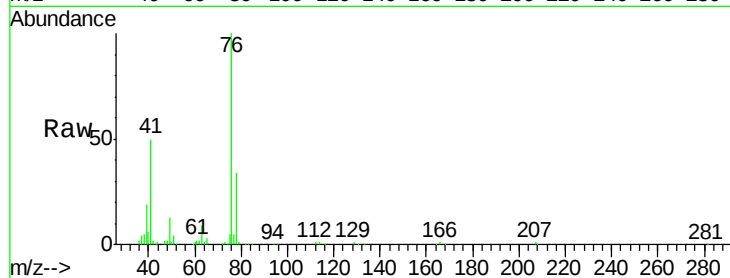
76 100

78 32.5 25.7 38.5

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 84.893 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016748.D

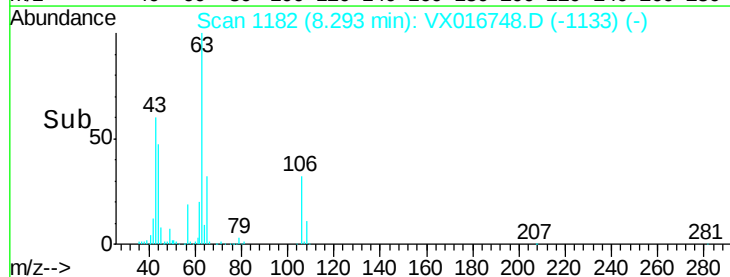
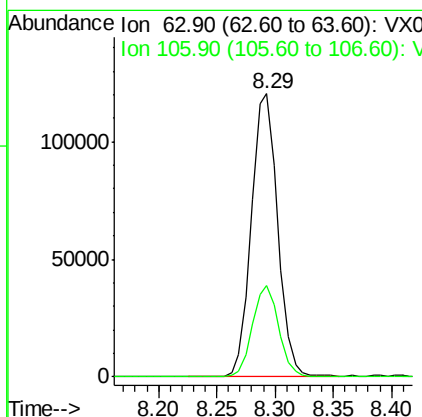
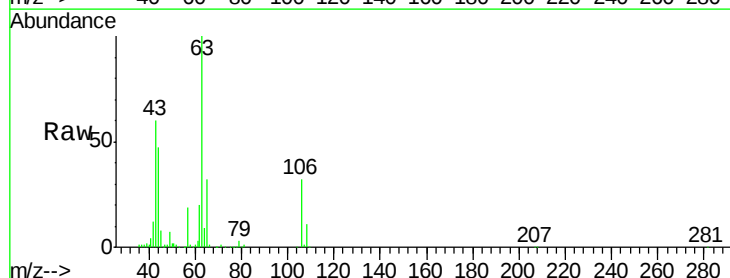
Acq: 15 Jun 2020 11:55

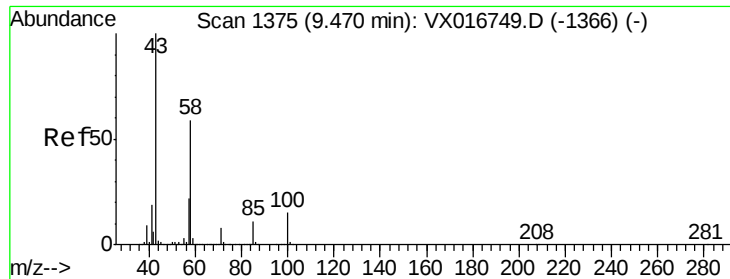
Tgt Ion: 63 Resp: 190570

Ion Ratio Lower Upper

63 100

106 31.9 25.5 38.3





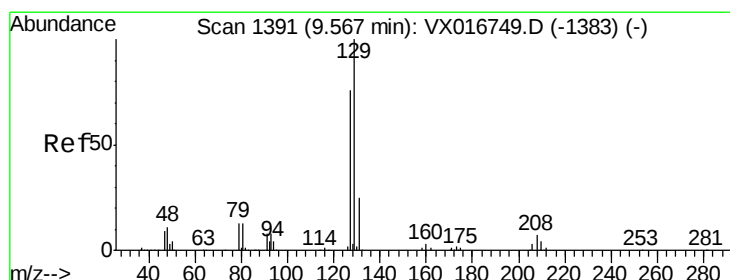
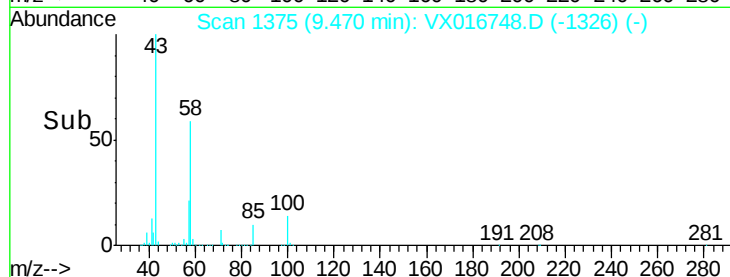
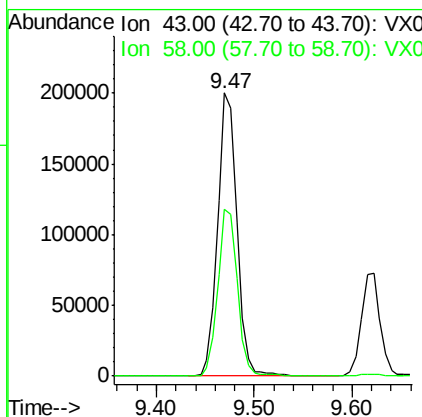
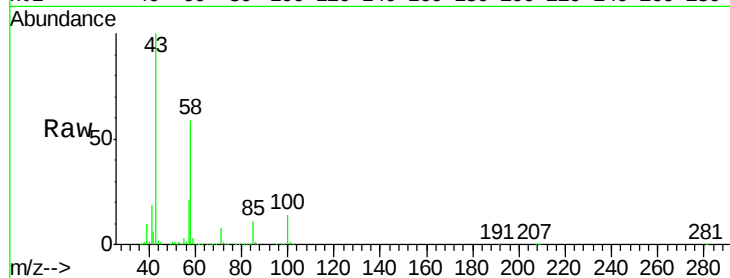
#59
2-Hexanone
Concen: 87.086 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.6	29.9	89.8

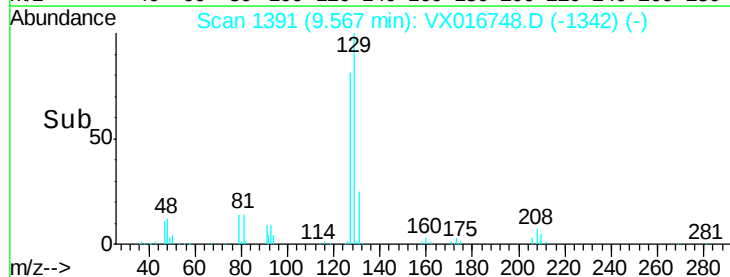
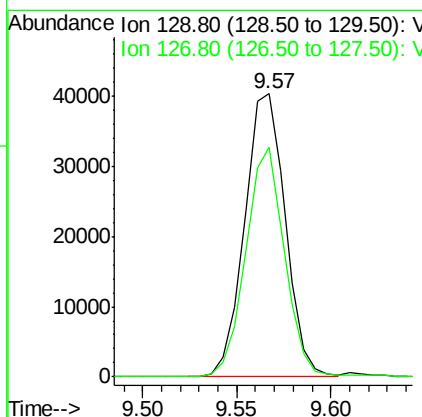
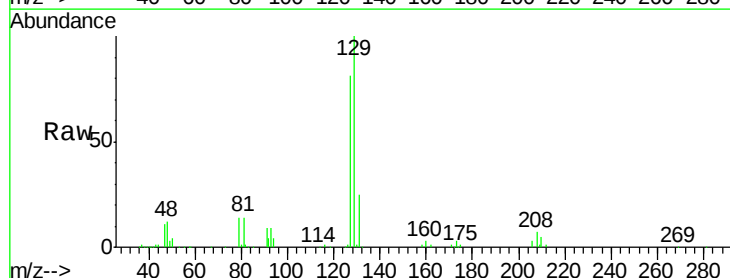
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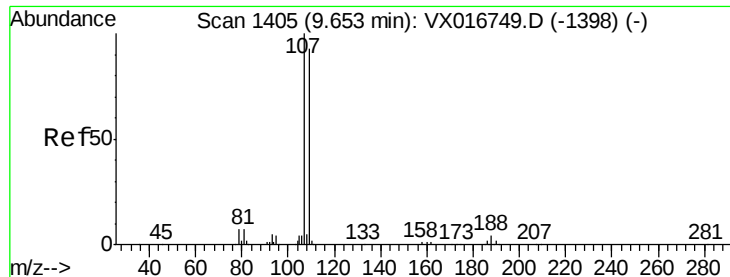
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#60
Dibromochloromethane
Concen: 19.894 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.4	38.7	116.1





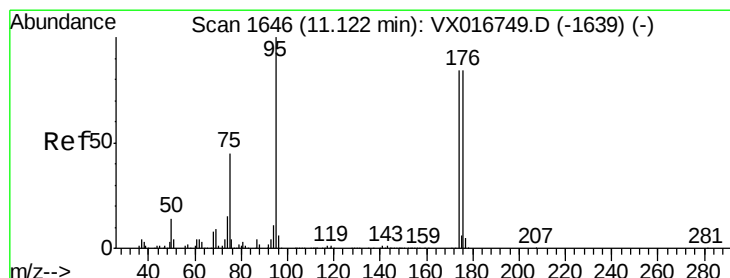
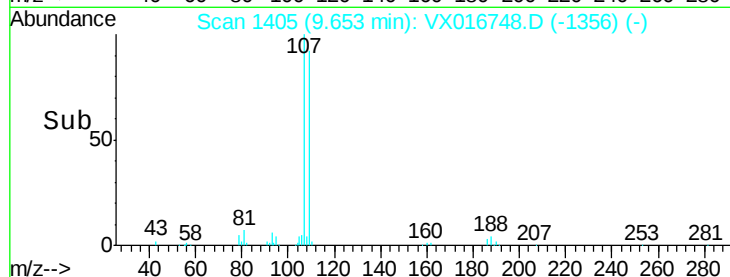
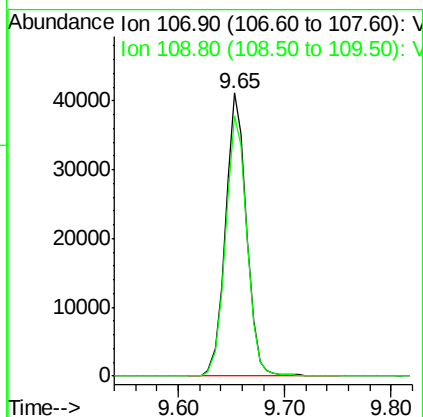
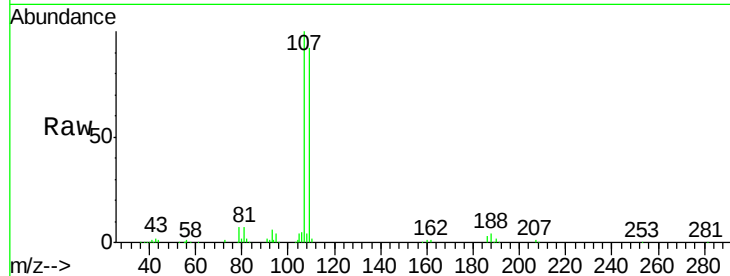
#61
 1,2-Dibromoethane
 Concen: 19.779 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	74.2	111.4

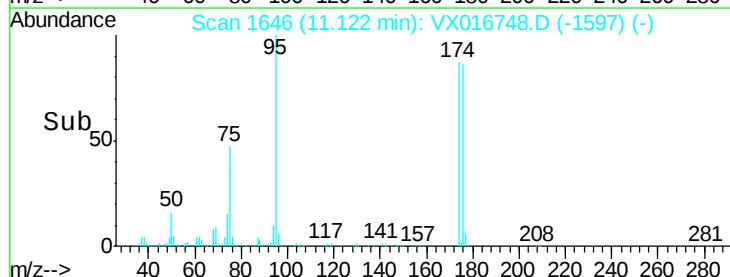
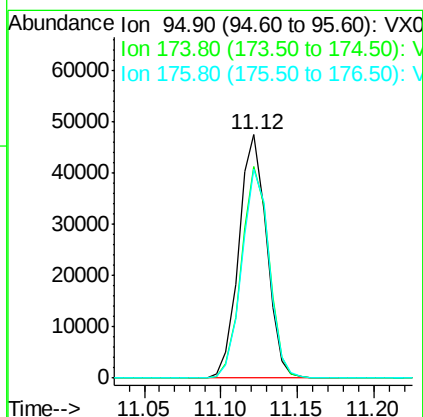
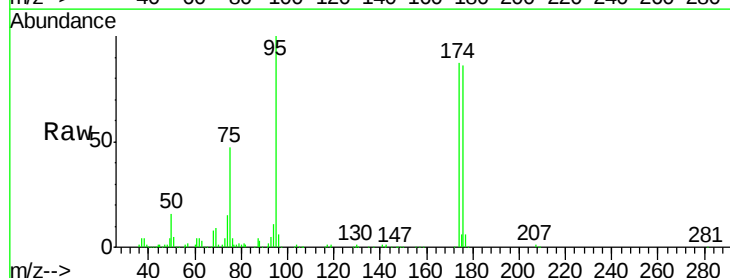
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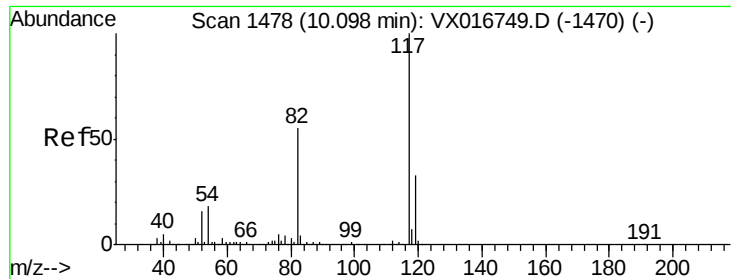
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#62
 4-Bromofluorobenzene
 Concen: 17.090 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	171.0
176	84.6	0.0	166.2





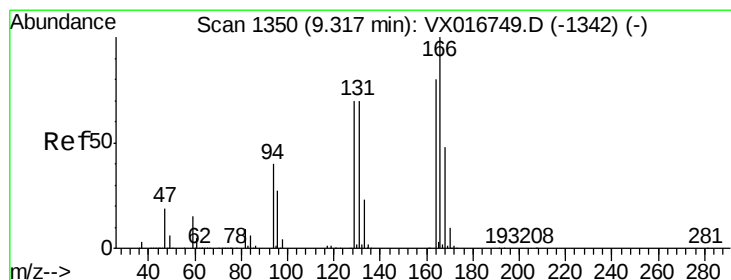
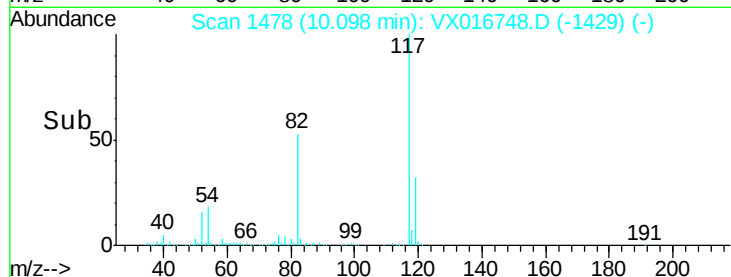
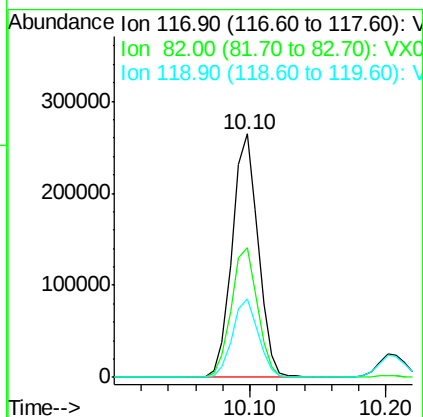
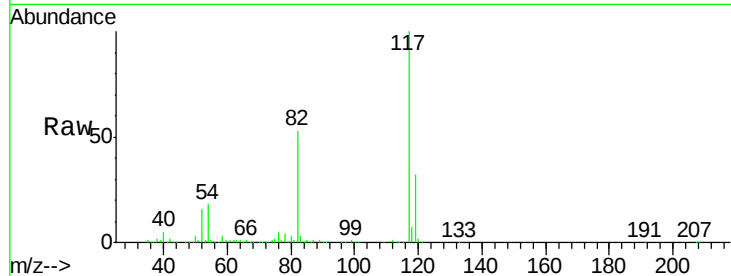
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	350691		
82	53.5	43.8	65.6	
119	32.1	26.2	39.4	

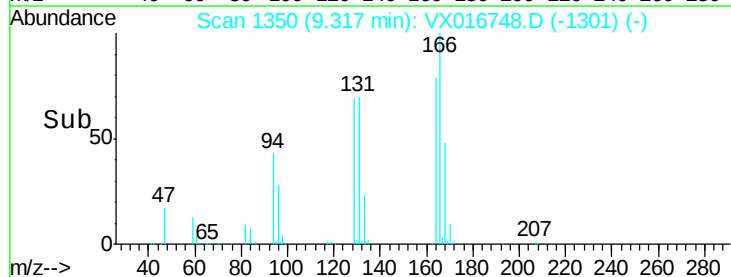
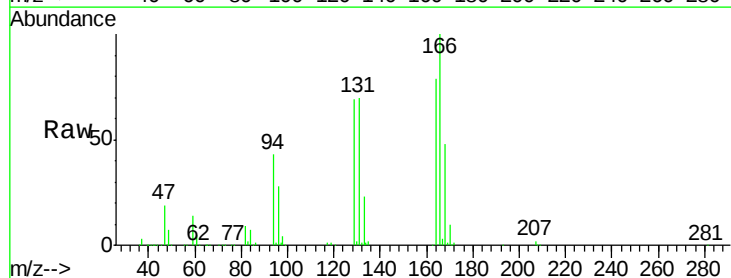
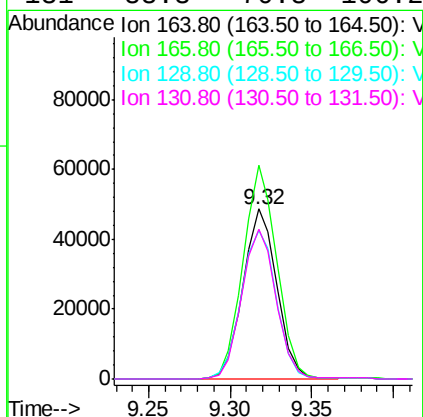
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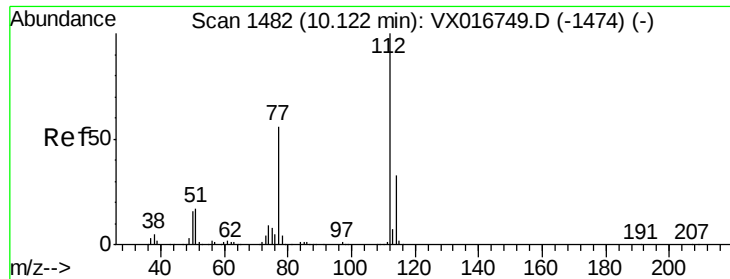
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#64
Tetrachloroethene
Concen: 18.436 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	70463		
166	125.8	100.6	150.8	
129	87.2	70.1	105.1	
131	88.3	70.8	106.2	





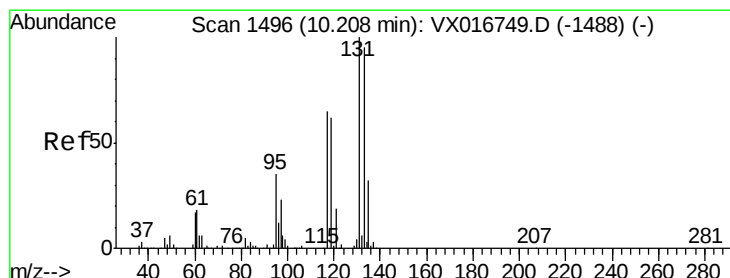
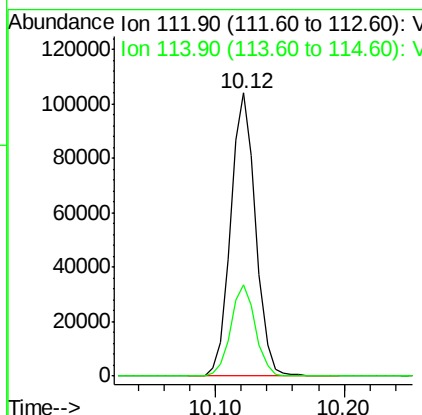
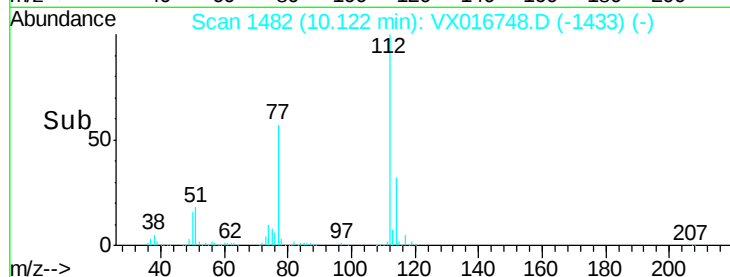
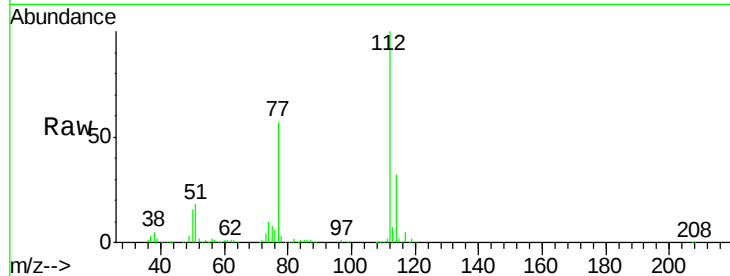
#65
Chlorobenzene
Concen: 19.850 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

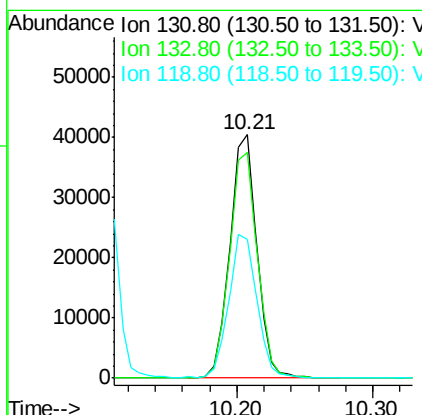
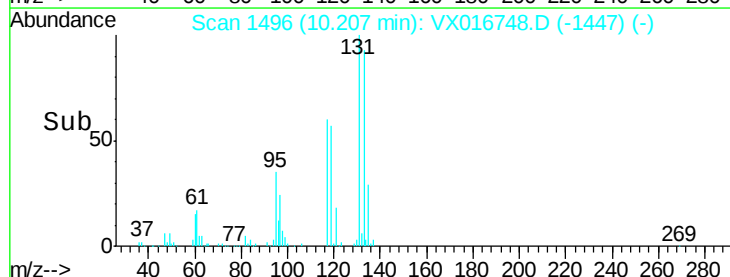
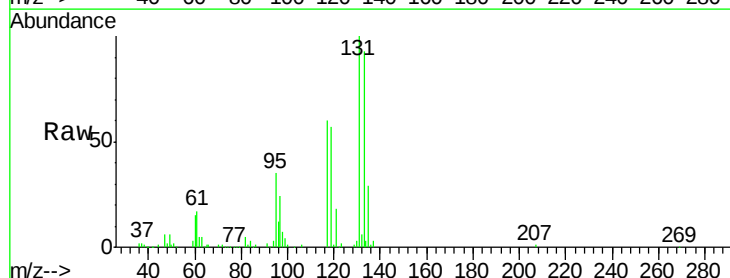
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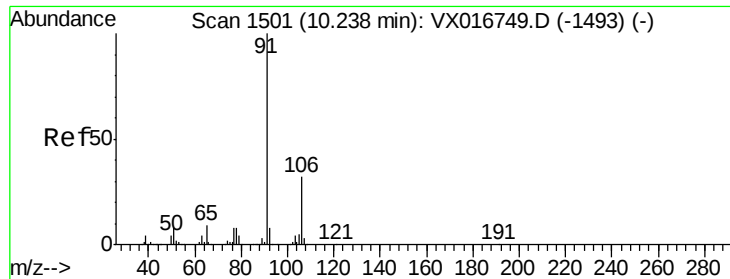
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.423 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	46.8	140.3
119	61.8	31.4	94.0





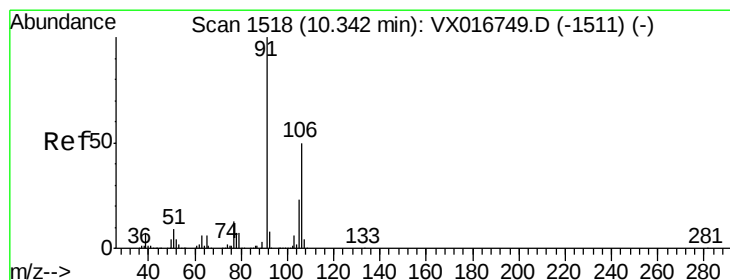
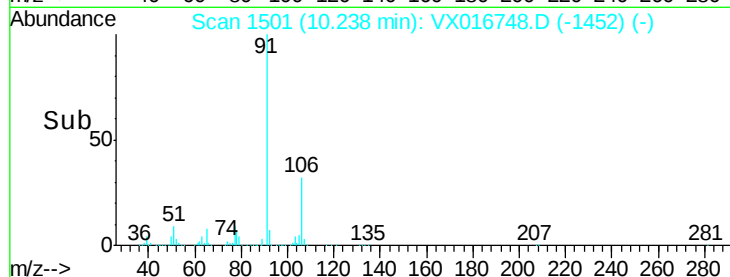
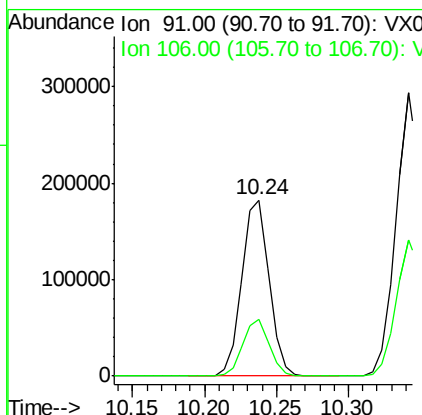
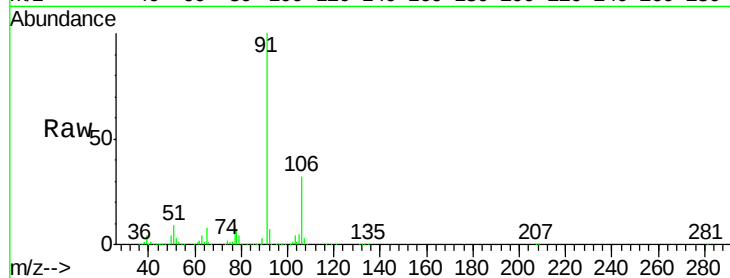
#67
Ethyl Benzene
Concen: 19.160 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 240513
Ion Ratio Lower Upper
91 100
106 32.2 25.3 37.9

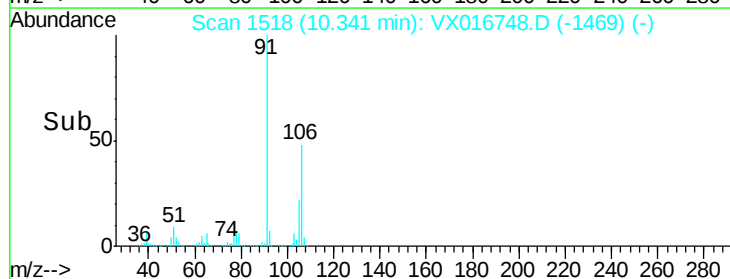
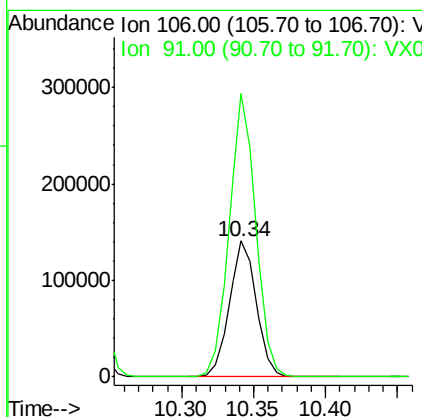
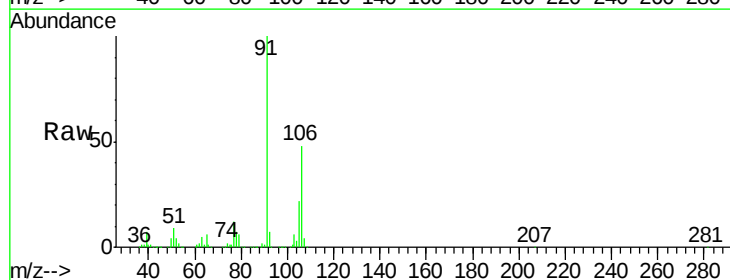
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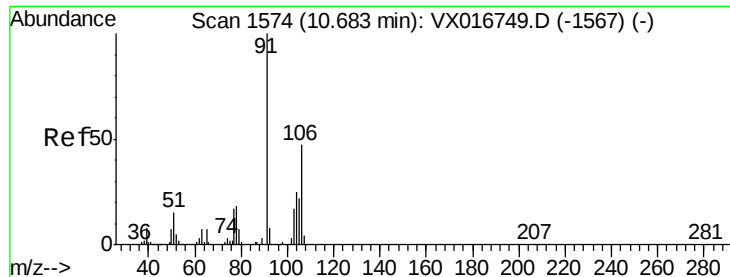
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#68
m/p-Xylenes
Concen: 39.553 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion: 106 Resp: 185072
Ion Ratio Lower Upper
106 100
91 204.7 161.2 241.8





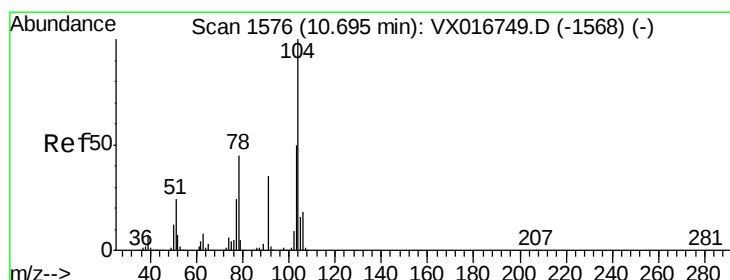
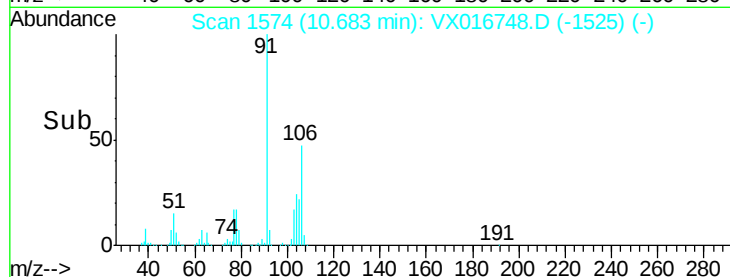
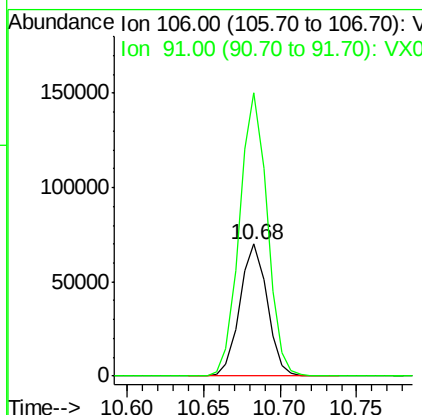
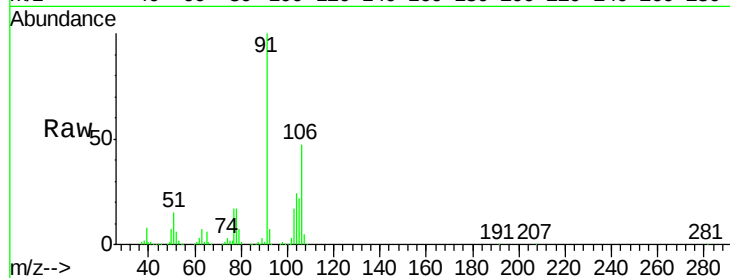
#69
o-Xylene
Concen: 19.255 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	216.3	106.9	320.8

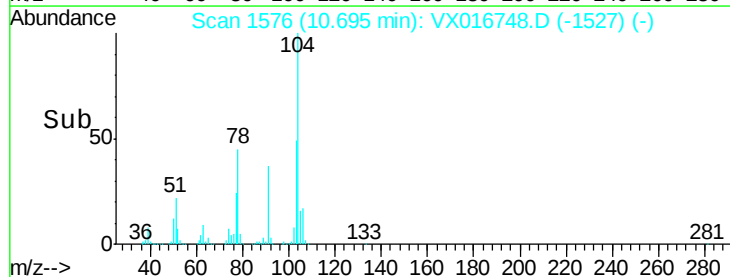
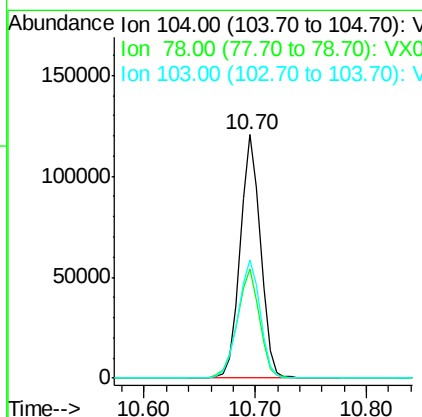
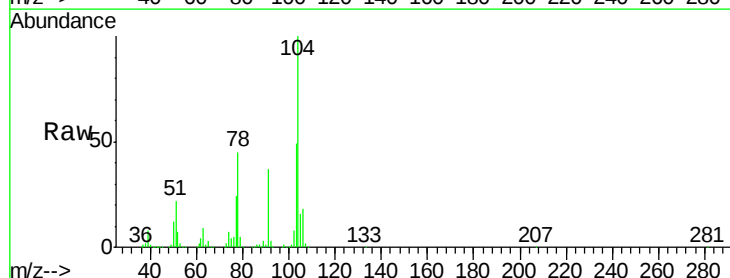
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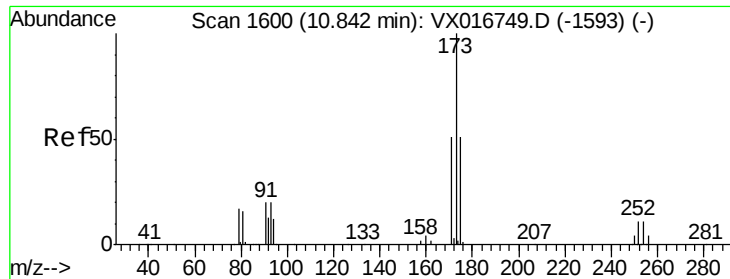
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#70
Styrene
Concen: 19.616 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	49.3	39.8	59.8
103	103	53.0	43.4	65.2





#71

Bromoform

Concen: 20.459 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:173 Resp: 47069

Ion Ratio Lower Upper

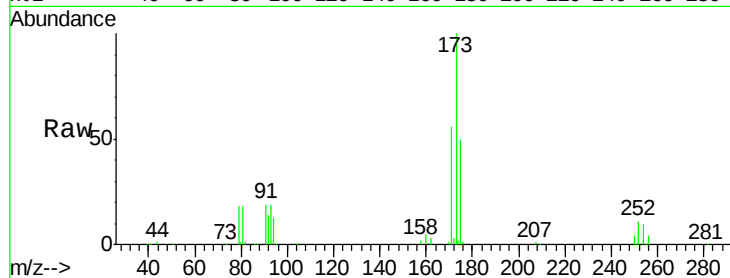
173 100

175 49.4 25.1 75.4

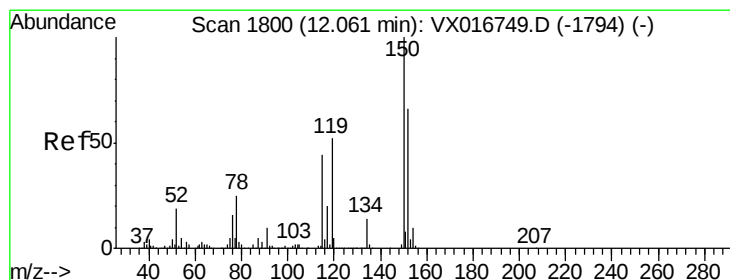
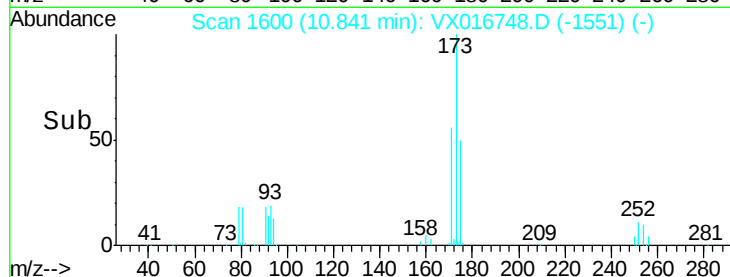
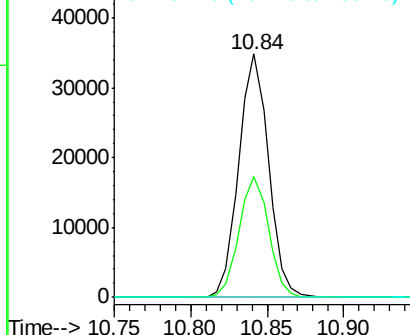
254 0.2 0.1 0.1#

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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: VX016748.D

Acq: 15 Jun 2020 11:55

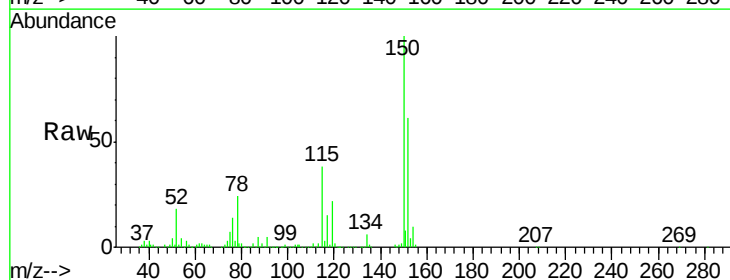
Tgt Ion:152 Resp: 175245

Ion Ratio Lower Upper

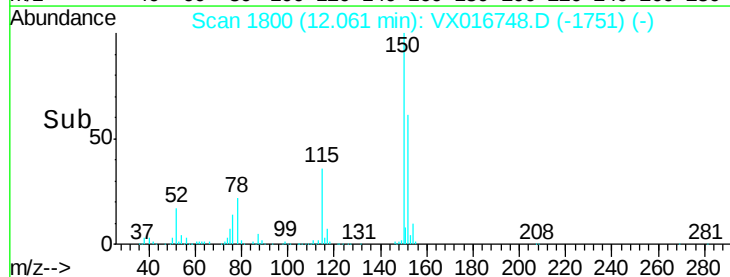
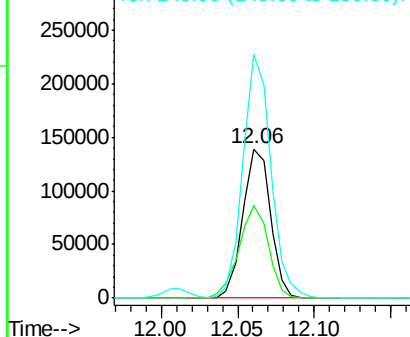
152 100

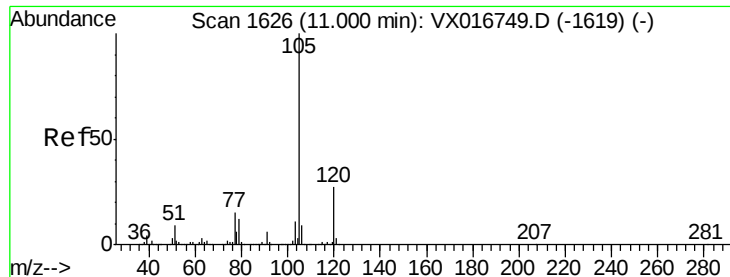
115 66.4 40.3 120.8

150 165.0 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: 19.560 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 105 Resp: 235017

Ion Ratio Lower Upper

105 100

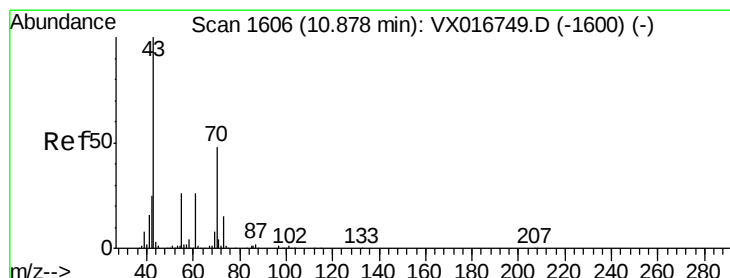
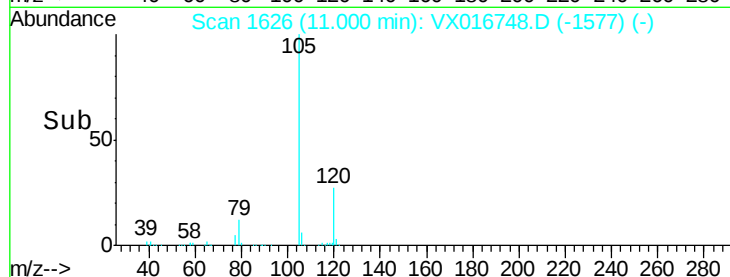
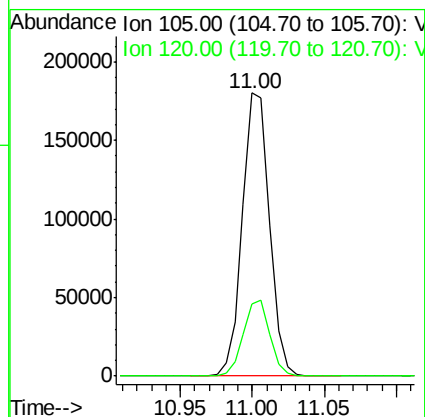
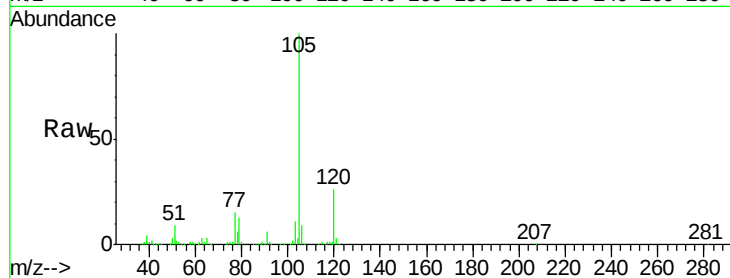
120 26.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.387 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion: 43 Resp: 88009

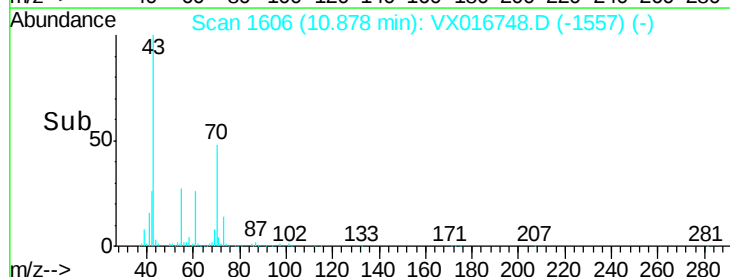
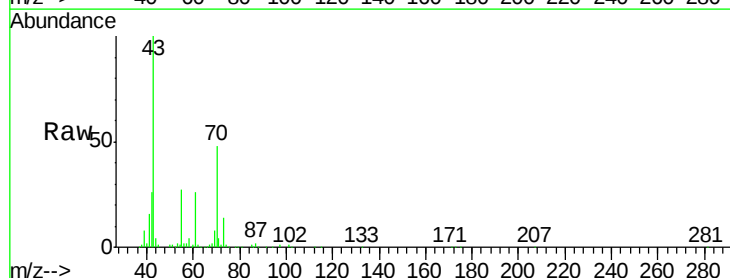
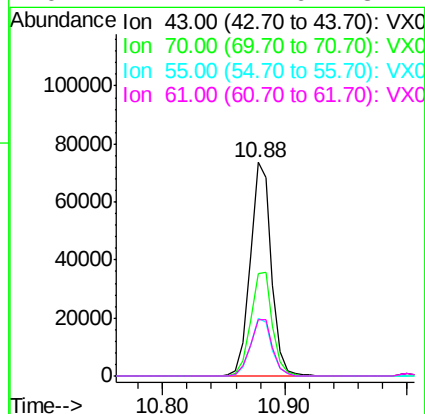
Ion Ratio Lower Upper

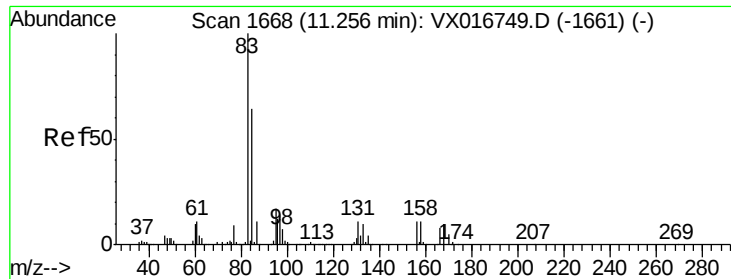
43 100

70 49.9 39.8 59.6

55 27.1 21.7 32.5

61 27.7 21.6 32.4





#75

1,1,2,2-Tetrachloroethane

Concen: 21.611 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

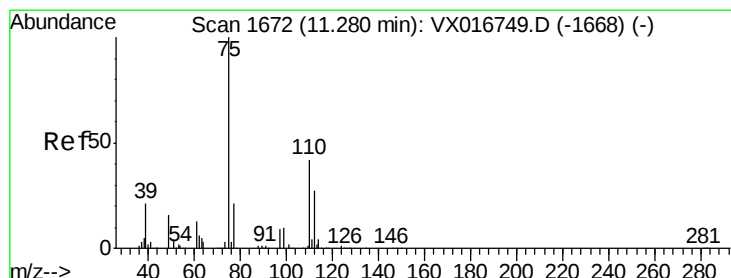
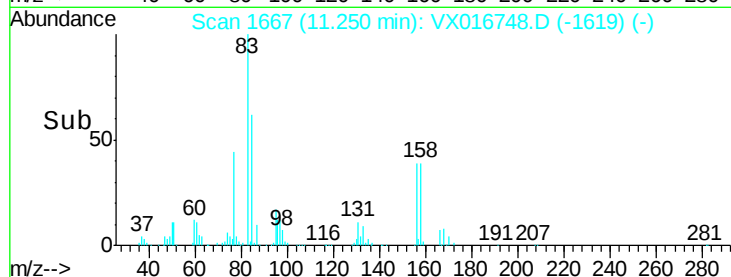
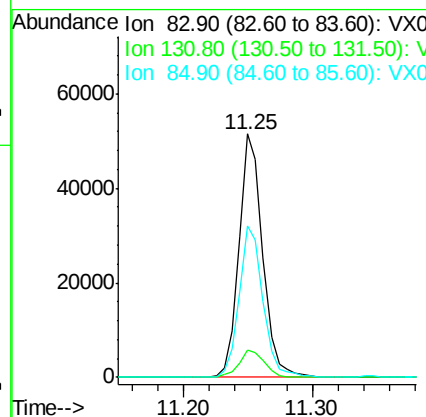
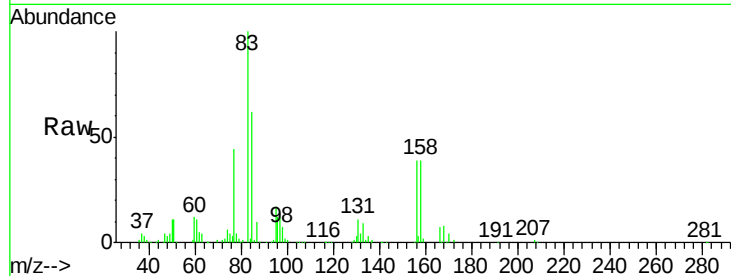
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	65827
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.7	17.0
85	63.2	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 19.387 ug/l m

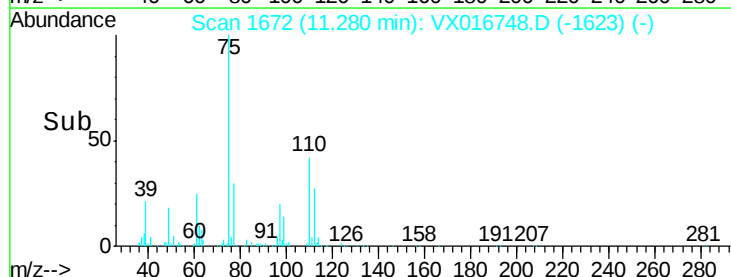
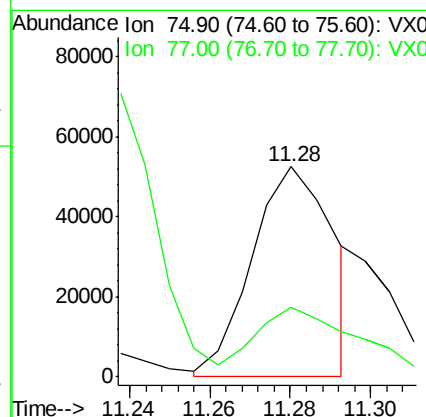
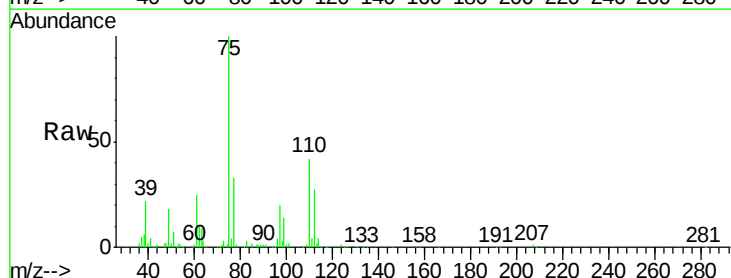
RT: 11.28 min Scan# 1672

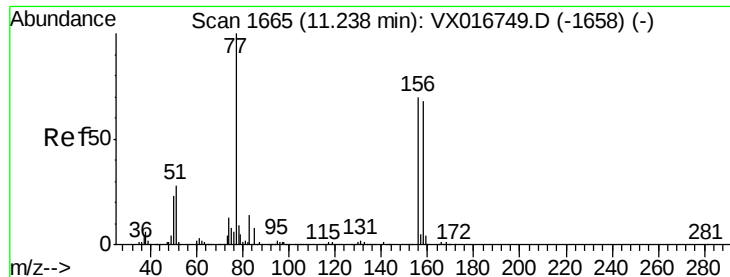
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	75	Resp:	73312
Ion Ratio	Lower	Upper	
75	100		
77	42.1	20.3	60.9





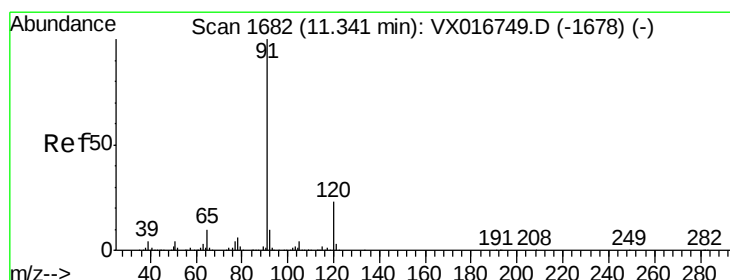
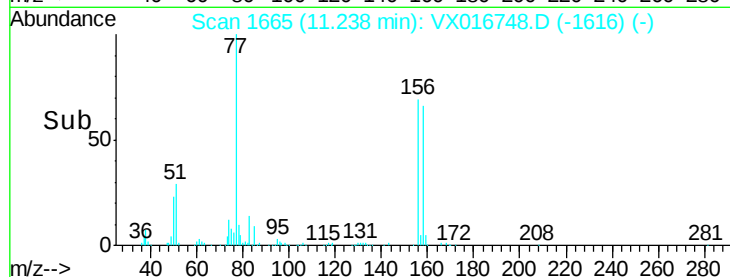
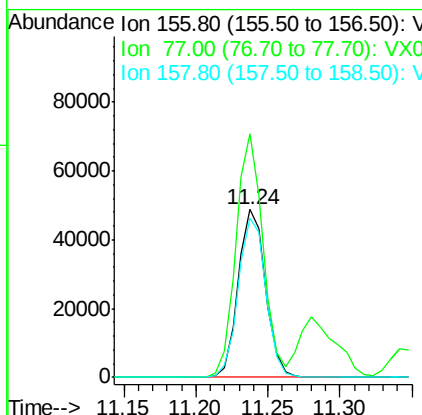
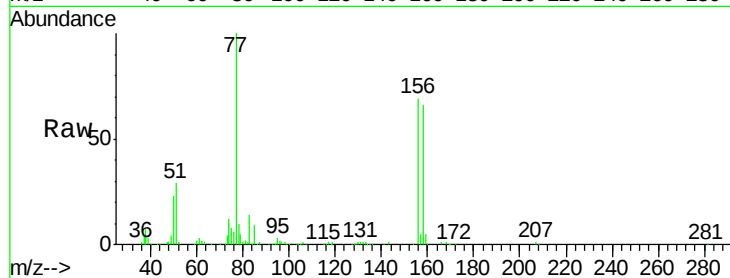
#77
Bromobenzene
Concen: 20.191 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	144.1	73.2	219.6
158	95.8	48.8	146.4

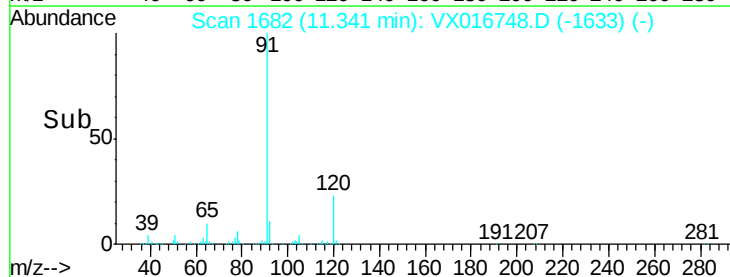
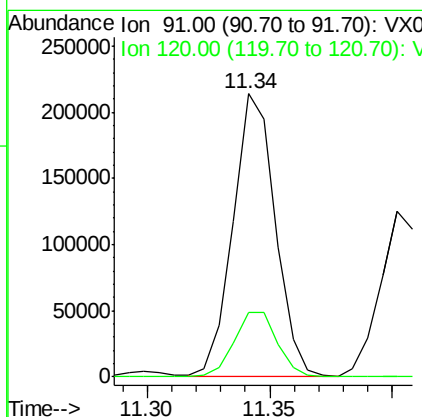
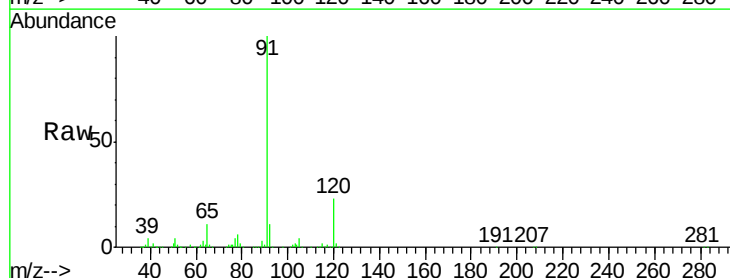
Manual Integrations
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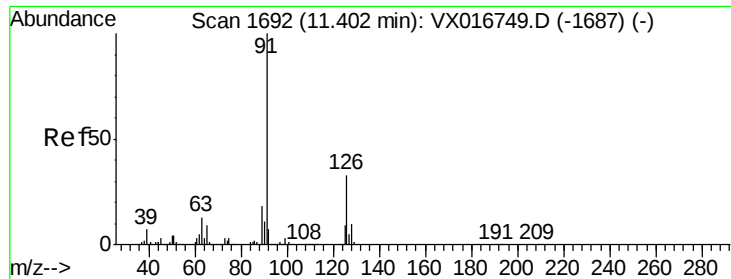
MMDadoda
6/16/2020 3:23:09 PM



#78
n-propylbenzene
Concen: 19.078 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 19.300 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 91 Resp: 157634

Ion Ratio Lower Upper

91 100

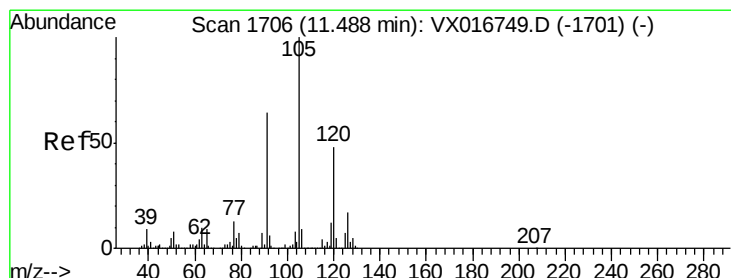
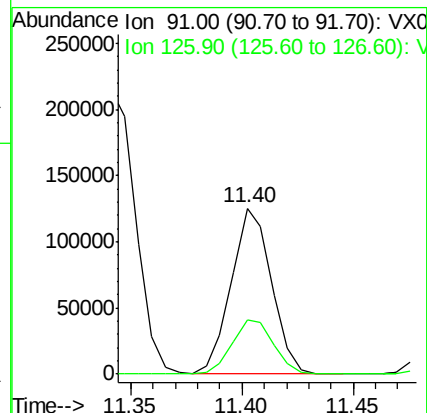
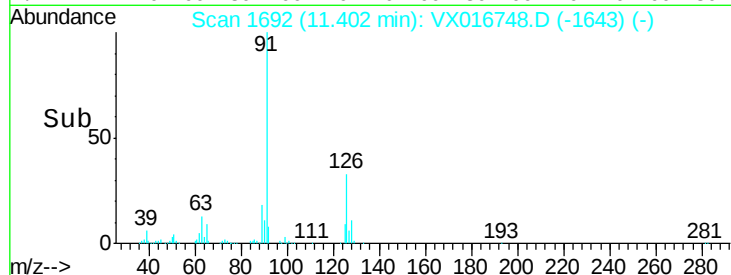
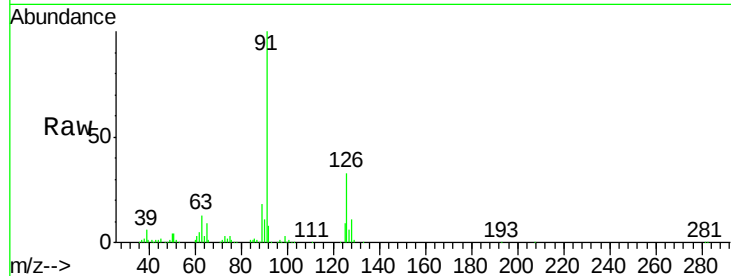
126 34.2 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.884 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016748.D

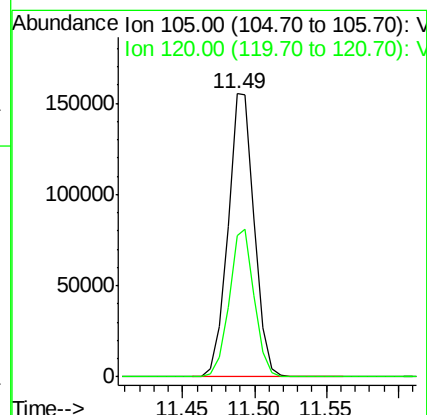
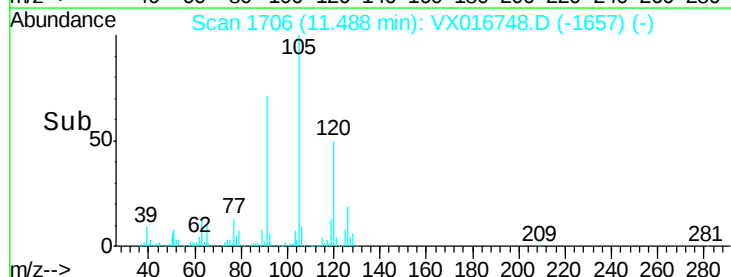
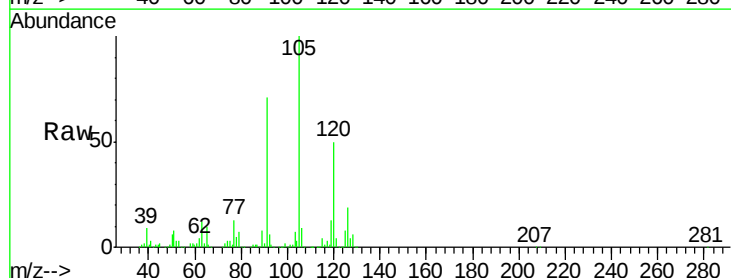
Acq: 15 Jun 2020 11:55

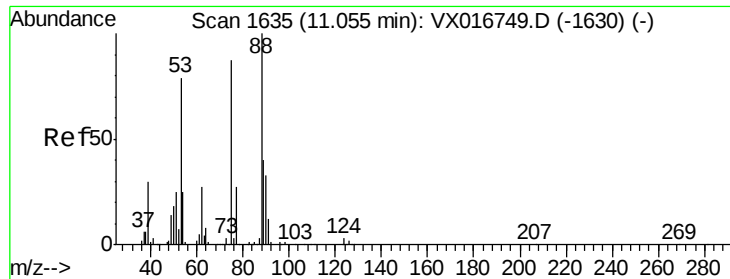
Tgt Ion: 105 Resp: 199360

Ion Ratio Lower Upper

105 100

120 49.7 24.4 73.4





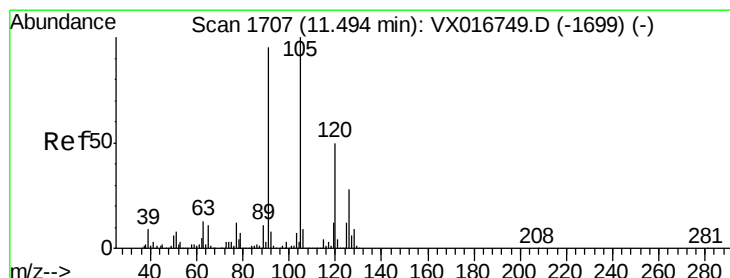
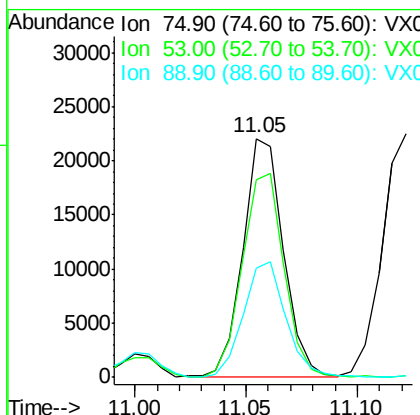
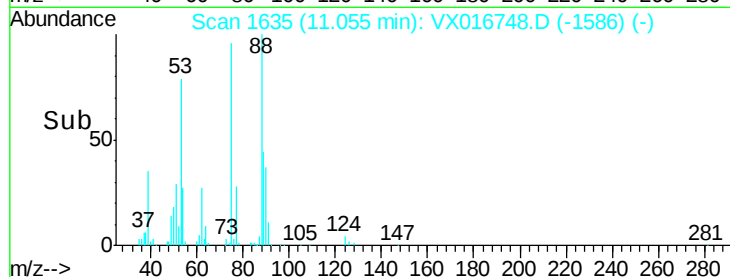
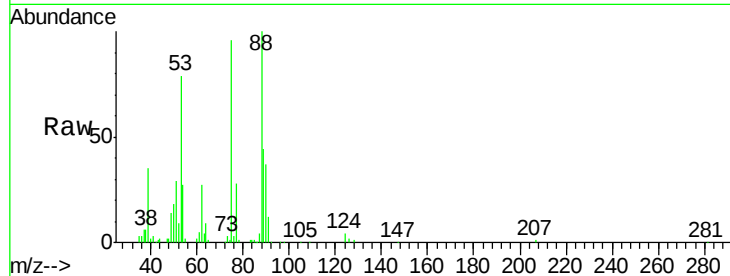
#81
trans-1,4-Dichloro-2-butene
Concen: 18.367 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	71.4	107.0
89	50.8	39.1	58.7

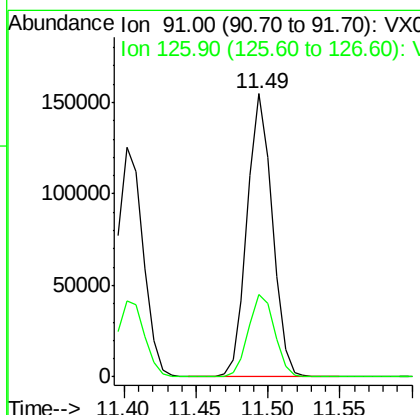
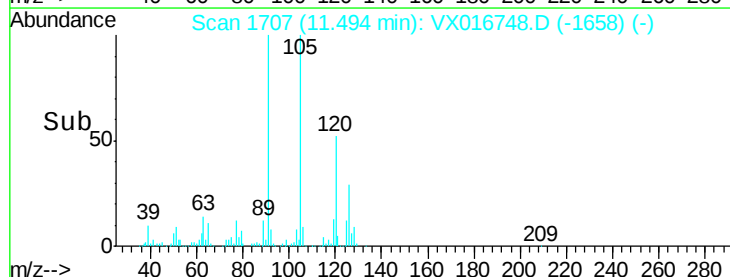
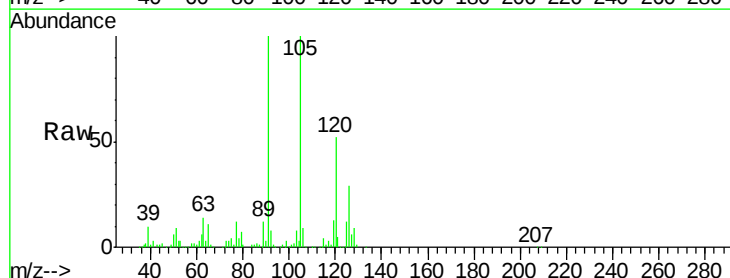
Manual Integrations
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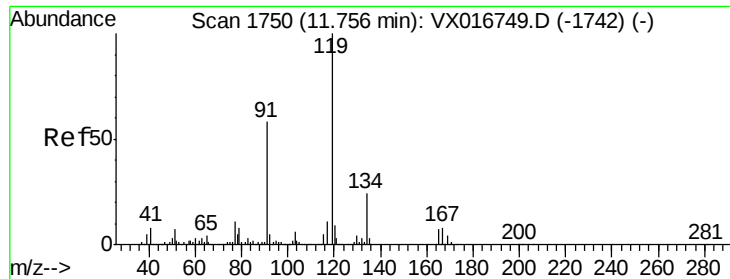
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.408 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.2	45.6





#83

tert-Butylbenzene

Concen: 20.787 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Instrument :

MSVOA_X

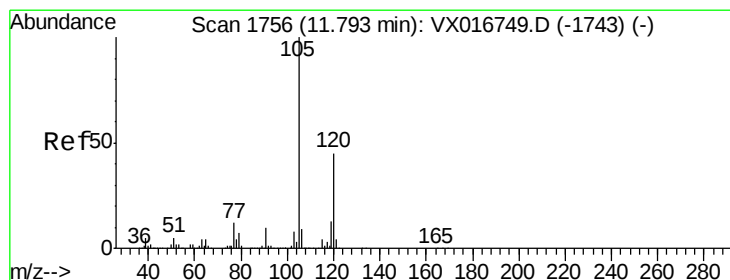
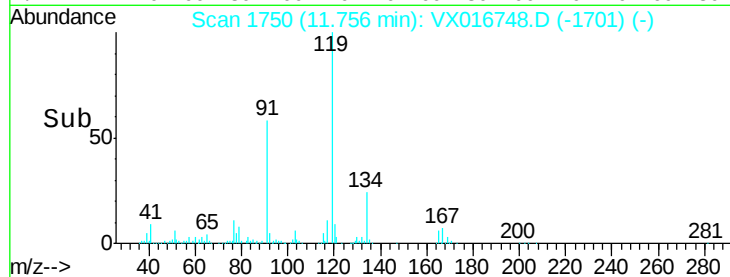
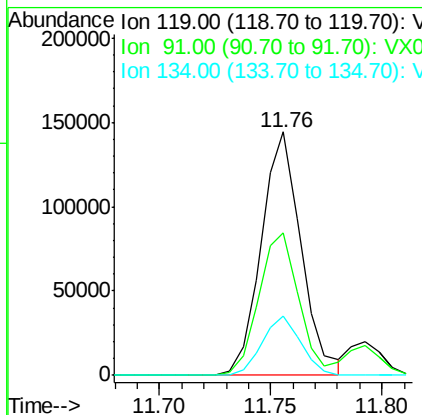
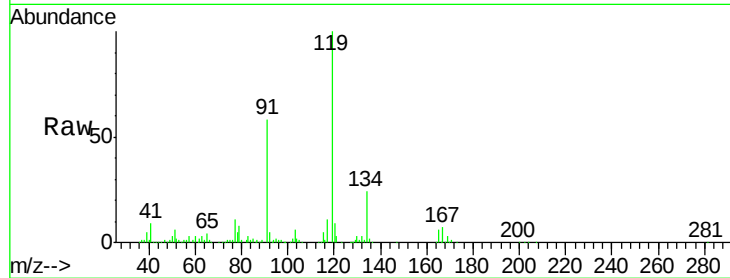
ClientSampleId :

VSTDIC020

Tot Ion:	119	Resp:	179904
Ion Ratio	Lower	Upper	
119	100		
91	58.4	29.3	88.0
134	23.6	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.785 ug/l

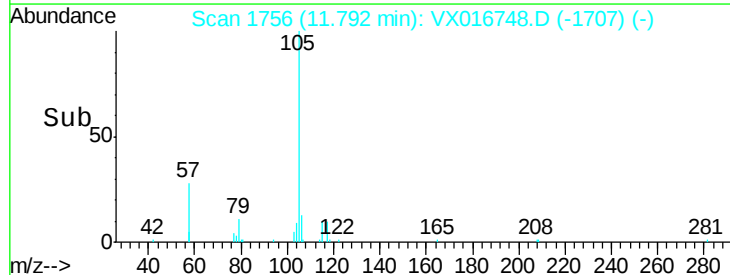
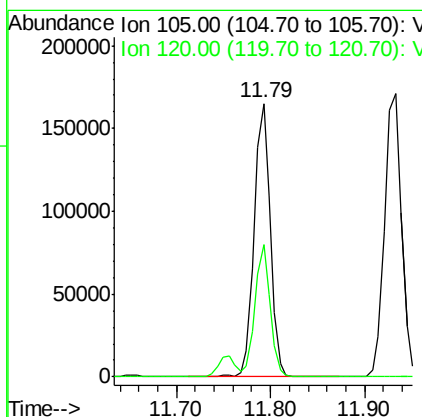
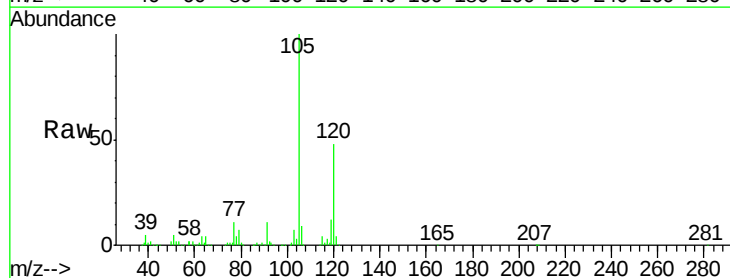
RT: 11.79 min Scan# 1756

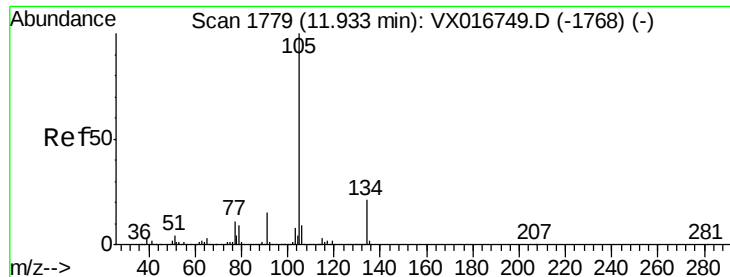
Delta R.T. -0.00 min

Lab File: VX016748.D

Acq: 15 Jun 2020 11:55

Tgt Ion:	105	Resp:	200543
Ion Ratio	Lower	Upper	
105	100		
120	45.7	22.6	67.8





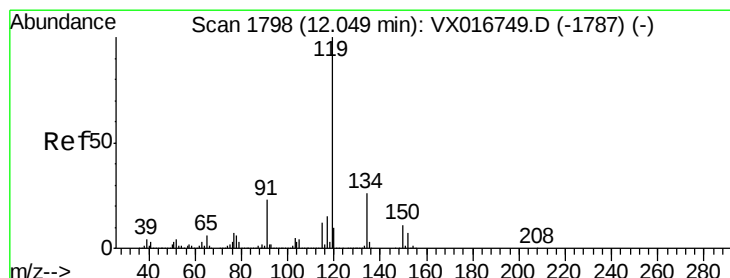
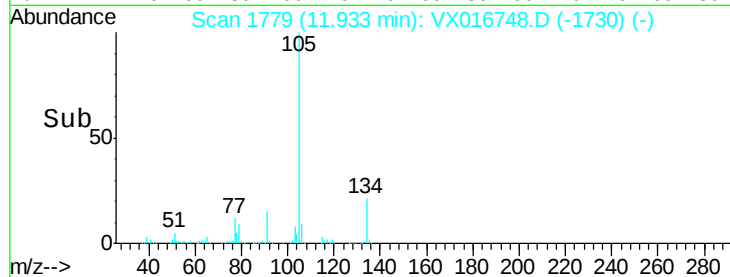
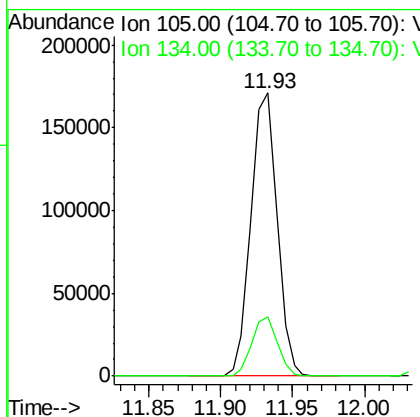
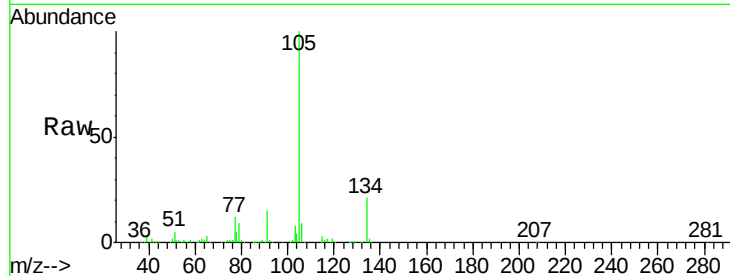
#85
 sec-Butylbenzene
 Concen: 19.883 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	214515		
134	20.5	10.3	30.8	

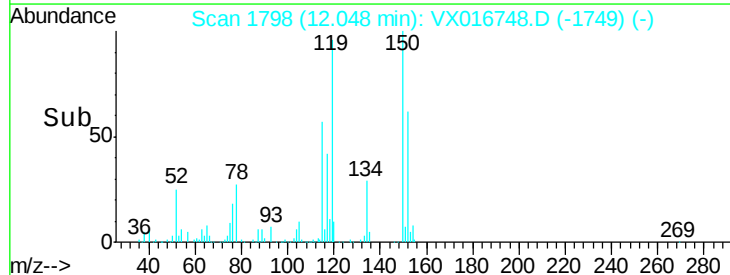
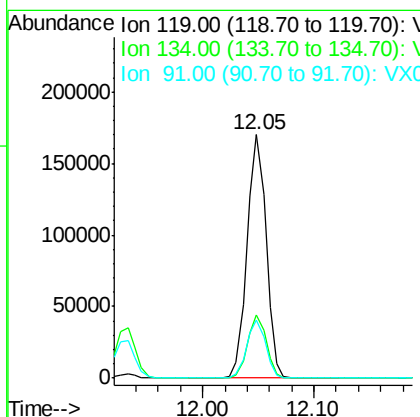
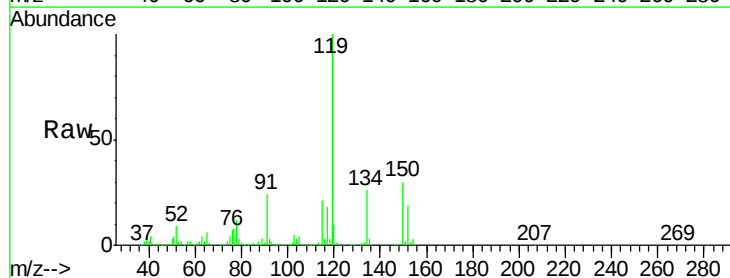
Manual Integrations
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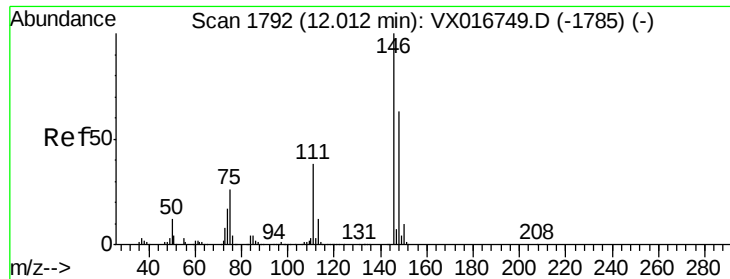
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#86
 p-Isopropyltoluene
 Concen: 19.963 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	202215		
134	25.6	13.0	38.9	
91	23.7	11.6	34.7	





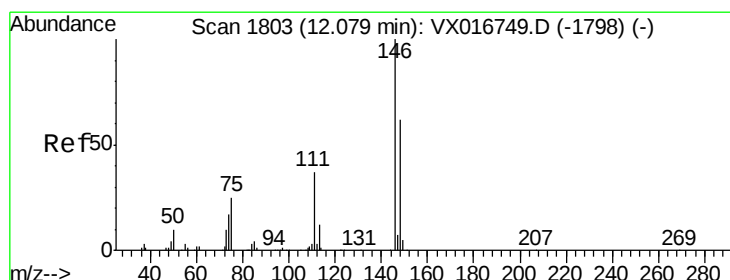
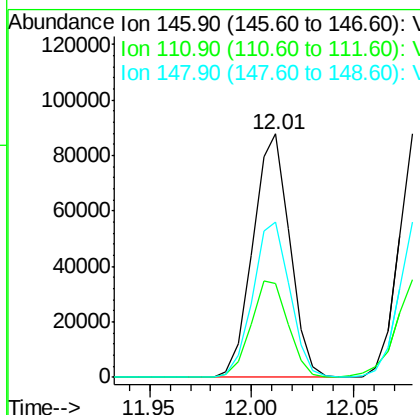
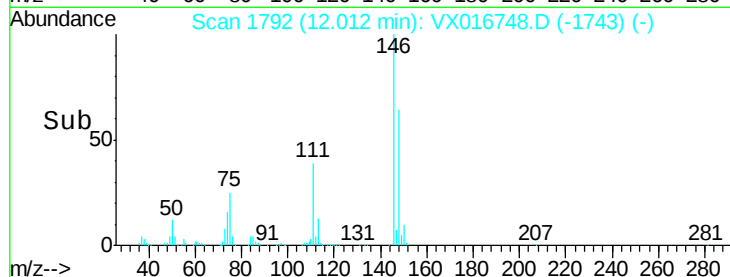
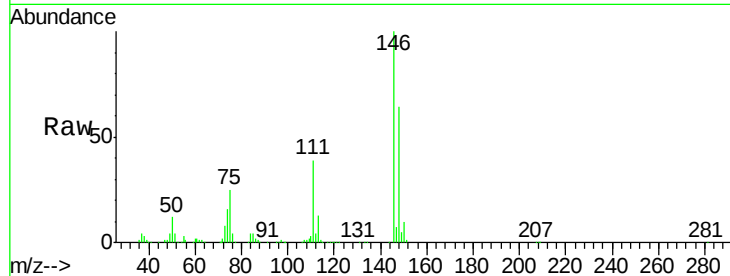
#87
 1,3-Dichlorobenzene
 Concen: 20.092 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.8	59.3
148	64.3	31.9	95.7

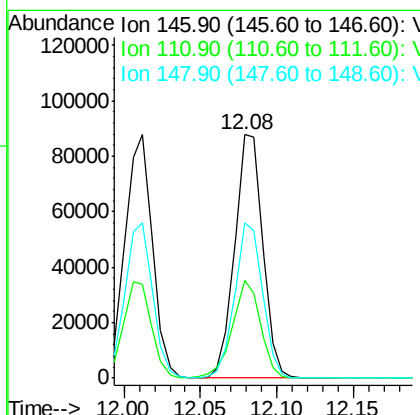
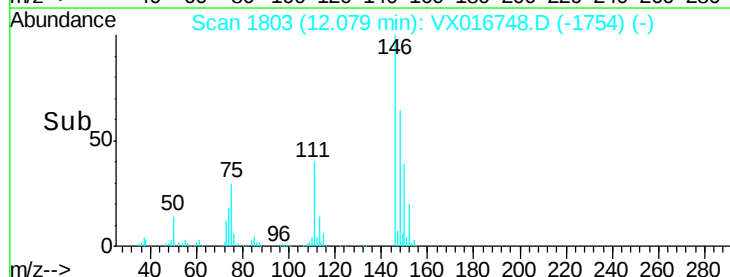
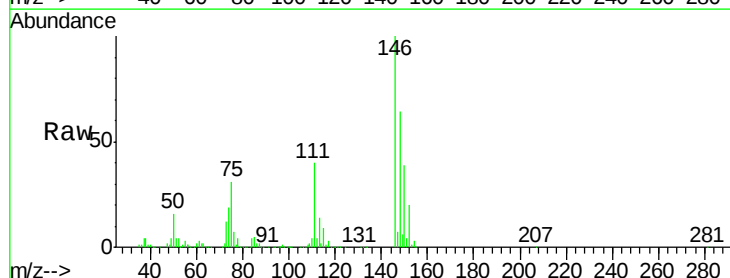
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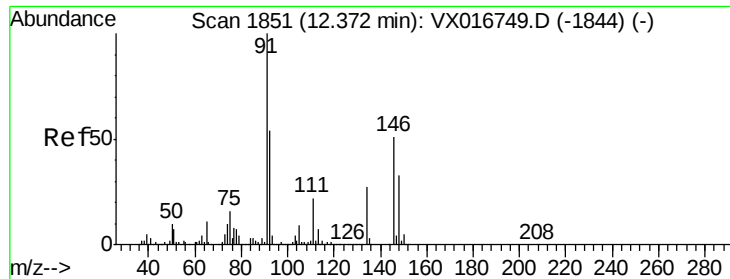
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#88
 1,4-Dichlorobenzene
 Concen: 19.893 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.3	57.8
148	63.0	32.1	96.5





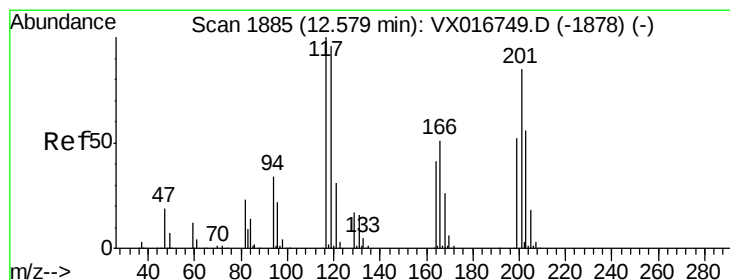
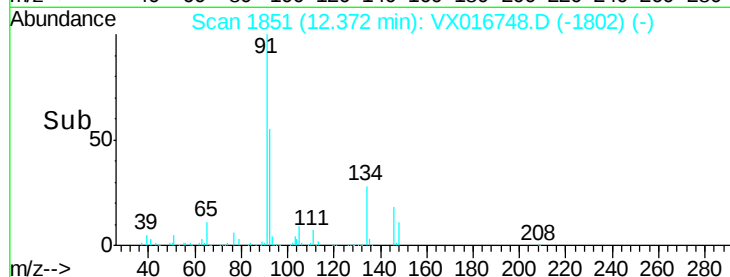
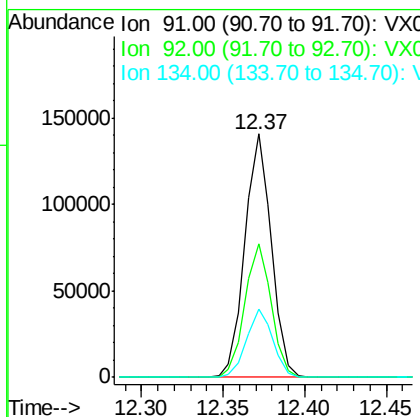
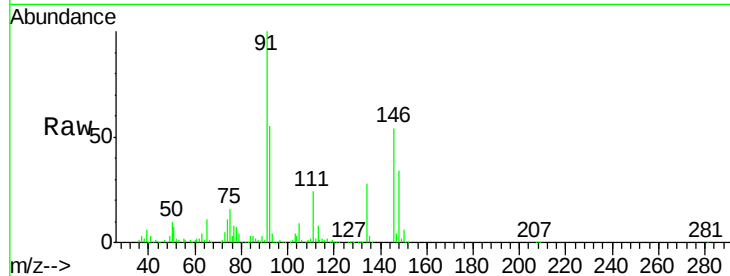
#89
n-Butylbenzene
Concen: 19.011 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.0	80.8
134	27.8	13.7	41.0

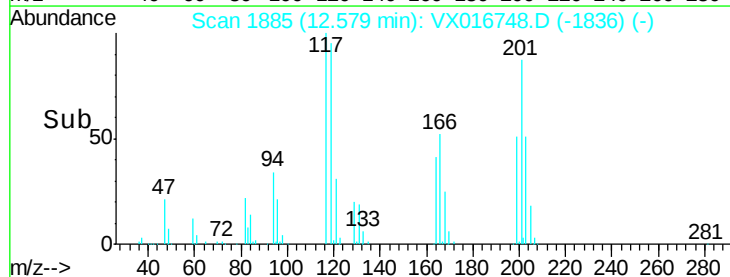
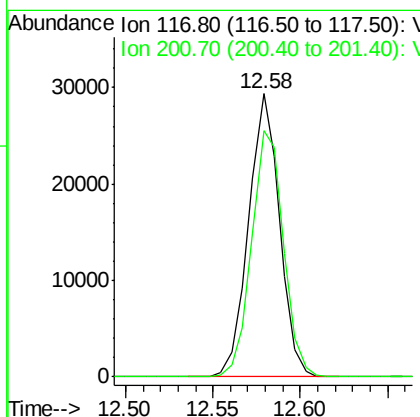
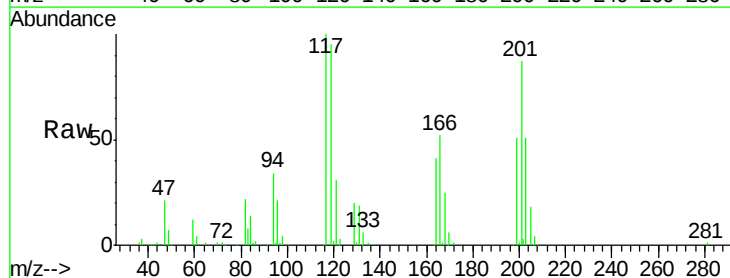
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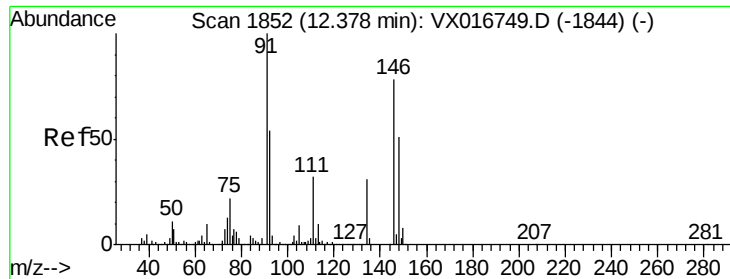
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#90
Hexachloroethane
Concen: 20.680 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.4	45.6	136.9





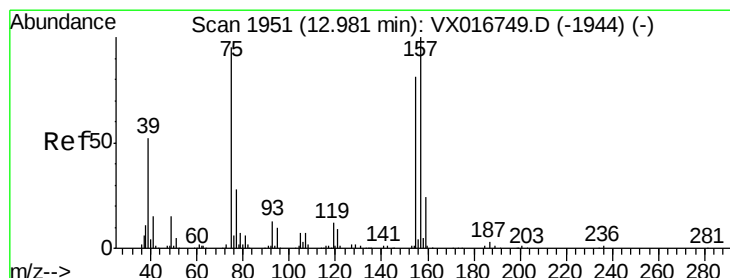
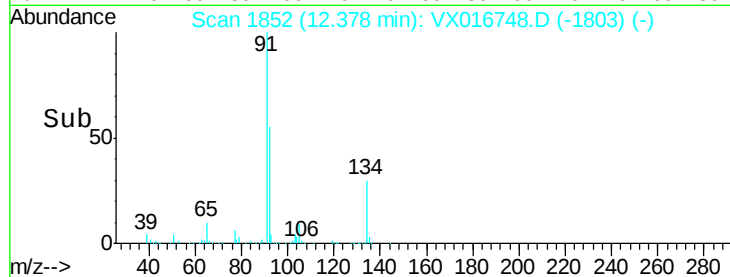
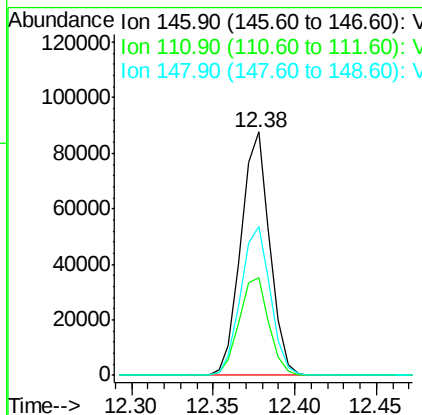
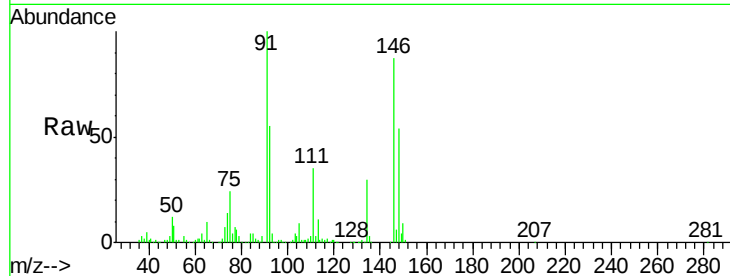
#91
 1,2-Dichlorobenzene
 Concen: 20.300 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.2
148	62.9	32.1	96.5

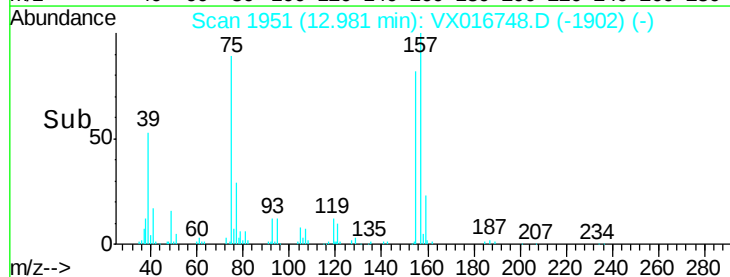
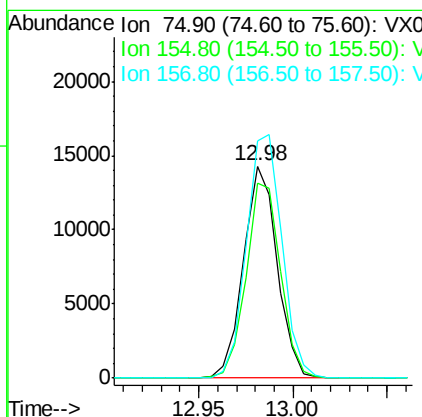
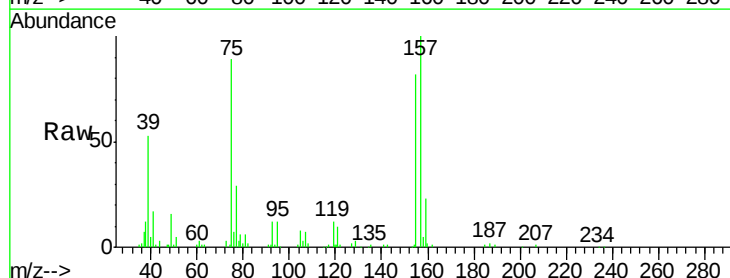
Manual Integrations
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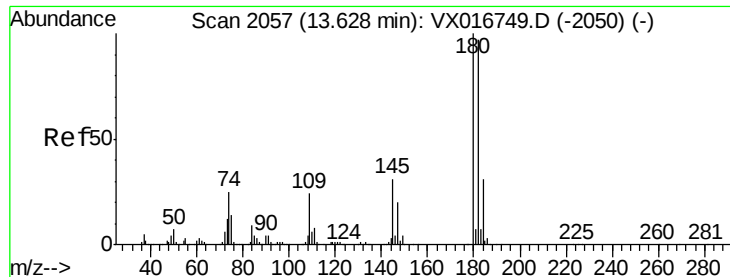
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.286 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.5	46.9	140.7
157	120.8	59.6	178.7





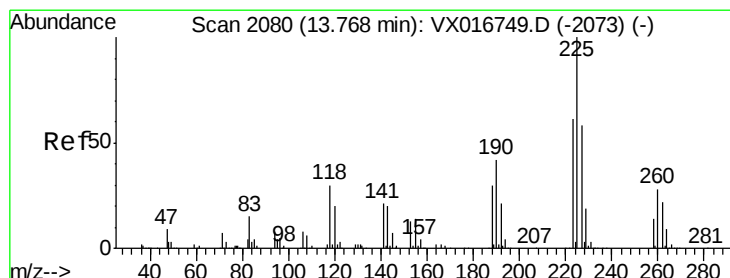
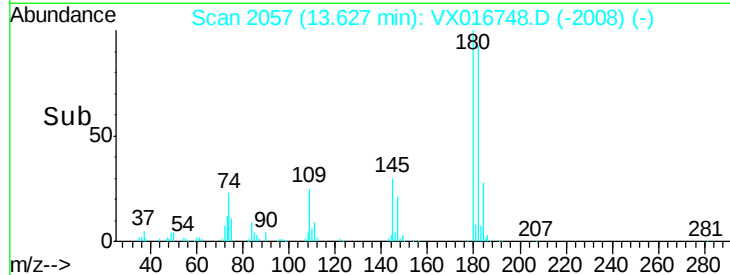
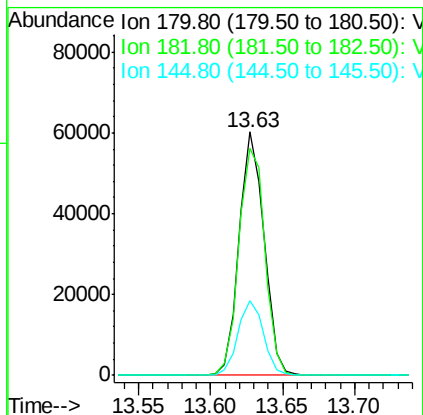
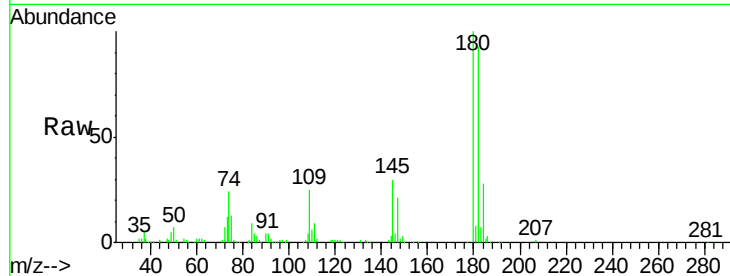
#93
 1,2,4-Trichlorobenzene
 Concen: 20.455 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	180	Resp:	72610
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.6	145.8
145	31.2	15.4	46.4

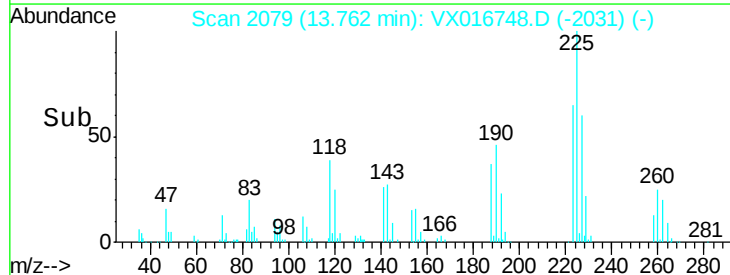
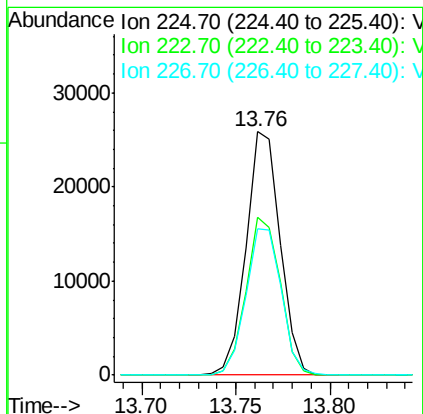
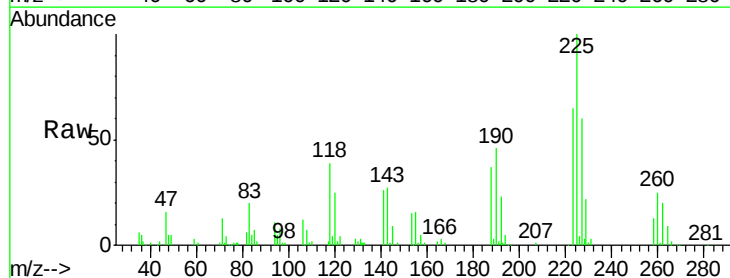
Manual Integrations
 APPROVED

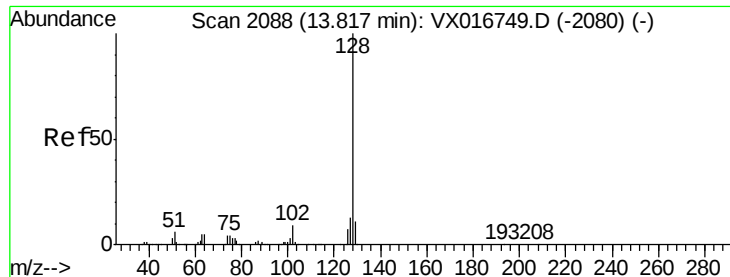
MMDadoda
 6/16/2020 3:23:09 PM



#94
 Hexachlorobutadiene
 Concen: 22.524 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016748.D
 Acq: 15 Jun 2020 11:55

Tgt Ion:	225	Resp:	32517
Ion Ratio	Lower	Upper	
225	100		
223	64.5	31.1	93.5
227	62.5	30.9	92.7





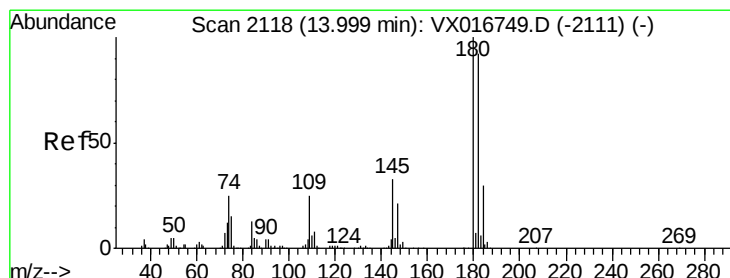
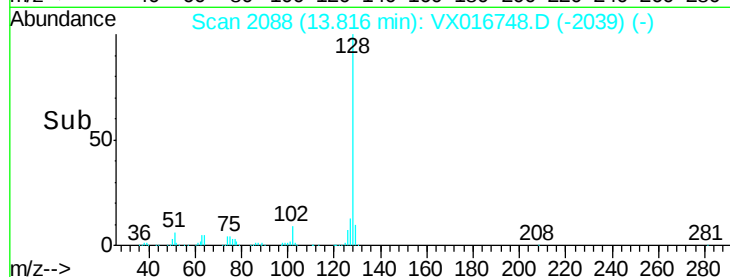
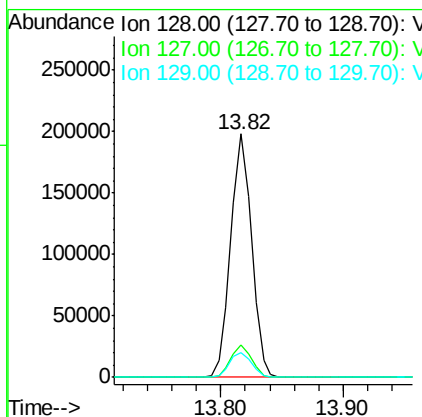
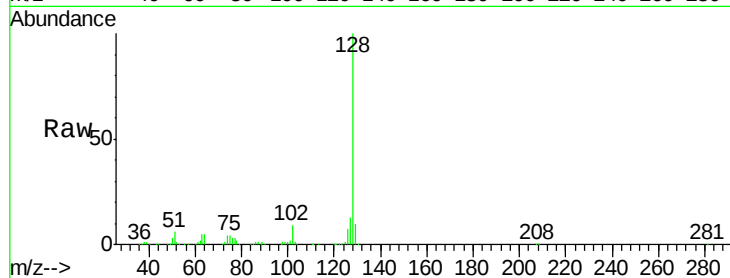
#95
Naphthalene
Concen: 19.368 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.076 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016748.D
Acq: 15 Jun 2020 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.1	141.4
145	31.5	15.9	47.7

