

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018458.D
 Acq On : 17 Sep 2020 10:21
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:34 PM

Quant Time: Sep 17 12:03:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	580537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	921556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	865851	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	459953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	43965	5.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.96%	
35) Dibromofluoromethane	5.46	113	33373	5.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.70%	
50) Toluene-d8	8.70	98	120710	5.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.42%	
62) 4-Bromofluorobenzene	11.12	95	47240	5.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.36%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	25483	3.758	ug/l	91
3) Chloromethane	1.31	50	30712	4.234	ug/l	99
4) Vinyl Chloride	1.39	62	33397	4.584	ug/l	100
5) Bromomethane	1.62	94	23459	6.331	ug/l	94
6) Chloroethane	1.71	64	19141	4.839	ug/l	98
7) Trichlorofluoromethane	1.92	101	53533	5.303	ug/l	91
8) Diethyl Ether	2.17	74	18940	5.518	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	27273	4.974	ug/l	98
10) Methyl Iodide	2.49	142	16647	3.109	ug/l	94
11) Tert butyl alcohol	3.01	59	37997	24.677	ug/l	98
12) 1,1-Dichloroethene	2.36	96	27703	4.890	ug/l	93
13) Acrolein	2.28	56	22613	32.426	ug/l	97
14) Allyl chloride	2.71	41	54120	5.287	ug/l	98
15) Acrylonitrile	3.12	53	86568	24.430	ug/l	98
16) Acetone	2.42	43	76948	24.450	ug/l	98
17) Carbon Disulfide	2.55	76	82622	4.811	ug/l	97
18) Methyl Acetate	2.75	43	38860	5.111	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	101533	5.209	ug/l	94
20) Methylene Chloride	2.84	84	36746	5.188	ug/l	89
21) trans-1,2-Dichloroethene	3.14	96	34120	5.409	ug/l	99
22) Diisopropyl ether	3.82	45	104146	5.176	ug/l #	86
23) Vinyl Acetate	3.78	43	453616	25.346	ug/l	97
24) 1,1-Dichloroethane	3.67	63	59429	5.200	ug/l	97
25) 2-Butanone	4.63	43	122447	23.894	ug/l	96
26) 2,2-Dichloropropane	4.54	77	54572	5.734	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	36697	5.054	ug/l	97
28) Bromochloromethane	4.97	49	28324	5.114	ug/l	96
29) Tetrahydrofuran	5.09	42	75665	23.258	ug/l	99
30) Chloroform	5.17	83	62047	5.240	ug/l	99
31) Cyclohexane	5.54	56	50152	5.184	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	58604	5.365	ug/l	99
36) 1,1-Dichloropropene	5.76	75	44433	5.200	ug/l	95
37) Ethyl Acetate	4.79	43	46288	4.695	ug/l #	90
38) Carbon Tetrachloride	5.75	117	52438	5.437	ug/l	94

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 ALS Vial : 3 Sample Multiplier: 1

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 ClientSampleID :
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 11:50:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	47715	5.086	ug/l	90
40) Benzene	6.11	78	133231	5.319	ug/l	98
41) Methacrylonitrile	5.01	41	25675	4.752	ug/l	95
42) 1,2-Dichloroethane	6.16	62	52900	5.495	ug/l	95
43) Isopropyl Acetate	6.41	43	79860	5.016	ug/l	98
44) Trichloroethene	7.19	130	39221	5.526	ug/l	92
45) 1,2-Dichloropropane	7.48	63	35451	5.269	ug/l	96
46) Dibromomethane	7.63	93	23622	4.969	ug/l	95
47) Bromodichloromethane	7.87	83	50505	5.335	ug/l	95
48) Methyl methacrylate	7.74	41	37646	4.753	ug/l	99
49) 1,4-Dioxane	7.71	88	13018	93.854	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	233613	23.904	ug/l	98
52) Toluene	8.76	92	84011	5.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	55598	5.287	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	57066	5.120	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	35589	5.284	ug/l	93
56) Ethyl methacrylate	9.16	69	46134	4.599	ug/l	94
57) 1,3-Dichloropropane	9.35	76	57752	5.191	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	134966	28.964	ug/l	98
59) 2-Hexanone	9.47	43	175422	23.631	ug/l	98
60) Dibromochloromethane	9.56	129	40085	5.065	ug/l	94
61) 1,2-Dibromoethane	9.65	107	34323	4.696	ug/l	90
64) Tetrachloroethene	9.32	164	37065	5.797	ug/l	95
65) Chlorobenzene	10.12	112	91859	5.301	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	36696	5.362	ug/l	96
67) Ethyl Benzene	10.23	91	158351	5.356	ug/l	98
68) m/p-Xylenes	10.34	106	117332	10.669	ug/l	98
69) o-Xylene	10.68	106	55855	5.228	ug/l	97
70) Styrene	10.70	104	94670	5.188	ug/l	98
71) Bromoform	10.84	173	29175	5.001	ug/l #	99
73) Isopropylbenzene	11.00	105	149923	4.960	ug/l	100
74) N-amyl acetate	10.88	43	62468	4.401	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	51217	4.814	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	49786m	4.901	ug/l	
77) Bromobenzene	11.24	156	42211	5.035	ug/l	99
78) n-propylbenzene	11.34	91	175227	5.069	ug/l	100
79) 2-Chlorotoluene	11.40	91	106678	5.018	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	130447	5.231	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	17737	4.689	ug/l	92
82) 4-Chlorotoluene	11.49	91	130570	5.160	ug/l	100
83) tert-Butylbenzene	11.76	119	122781	4.978	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	127687	5.003	ug/l	98
85) sec-Butylbenzene	11.93	105	146251	5.200	ug/l	100
86) p-Isopropyltoluene	12.05	119	132812	5.134	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	80053	5.407	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	77500	5.226	ug/l	92
89) n-Butylbenzene	12.37	91	122661	5.169	ug/l	99
90) Hexachloroethane	12.58	117	25644	5.045	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	73209	5.291	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11206	4.206	ug/l	96

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MSVOA_X
ClientSampleId :
VSTDICC005

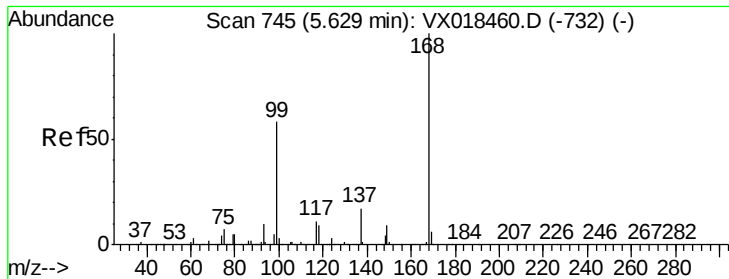
Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	48443	5.223	ug/l	96
94) Hexachlorobutadiene	13.77	225	20244	5.447	ug/l	95
95) Naphthalene	13.82	128	137225	4.524	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	47425	5.155	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 580537

Ion Ratio Lower Upper

168 100

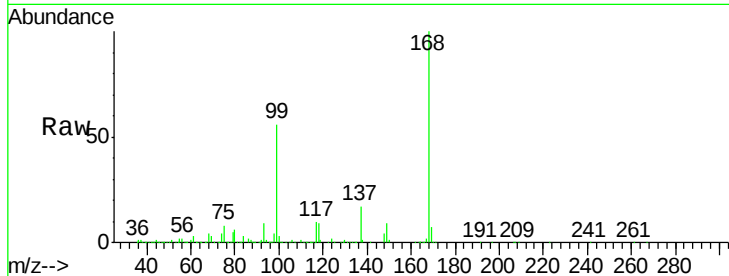
99 56.3 46.5 69.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

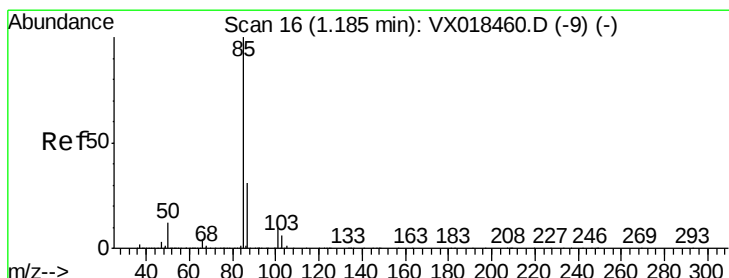
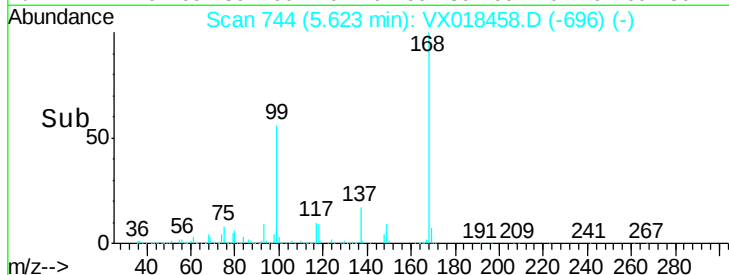
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.758 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018458.D

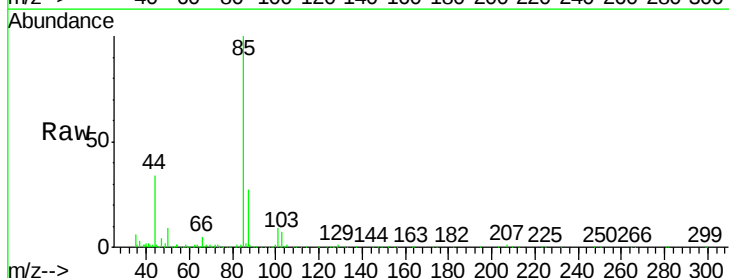
Acq: 17 Sep 2020 10:21

Tgt Ion: 85 Resp: 25483

Ion Ratio Lower Upper

85 100

87 26.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

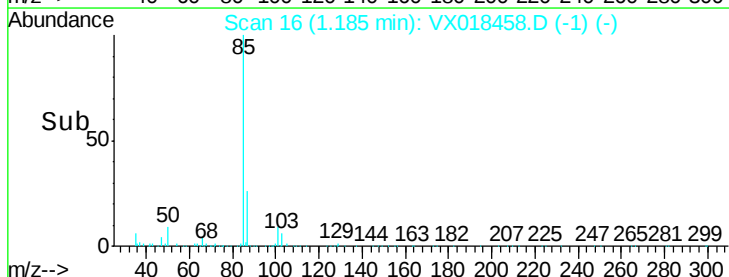
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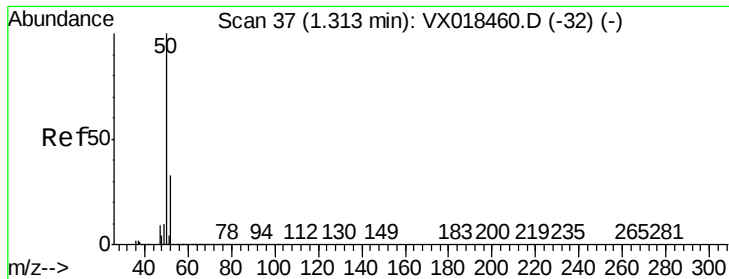
20000

10000

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Time-->





#3

Chloromethane

Concen: 4.234 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 30712

Ion Ratio Lower Upper

50 100

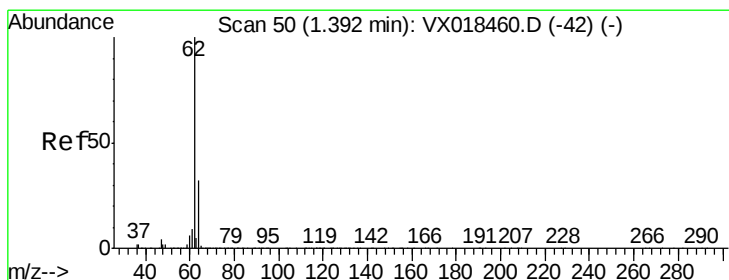
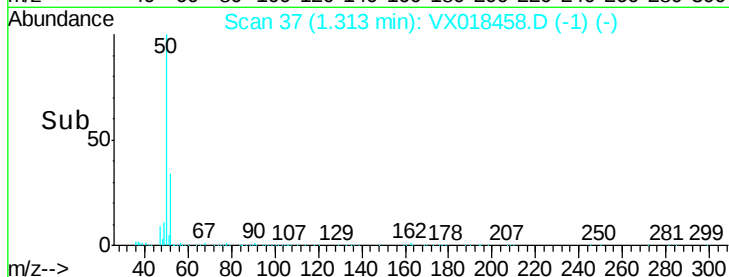
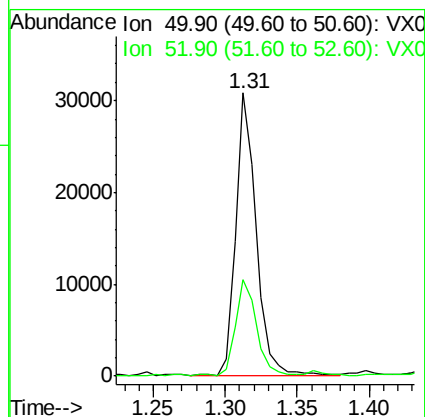
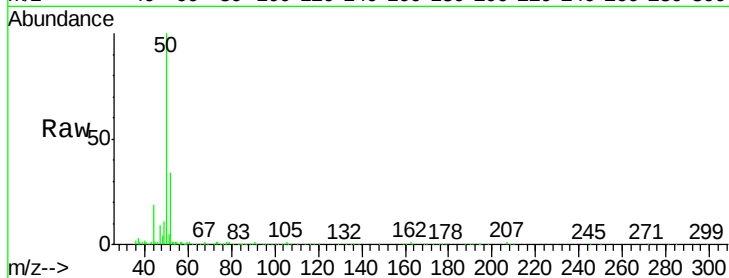
52 34.1 26.6 40.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 4.584 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018458.D

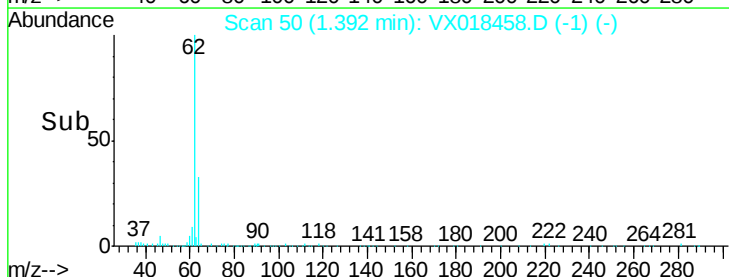
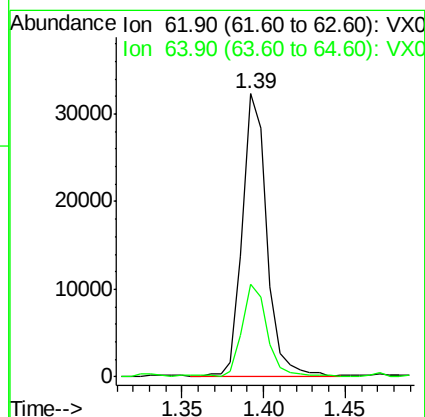
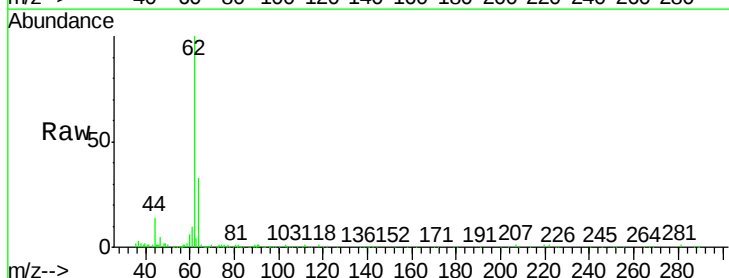
Acq: 17 Sep 2020 10:21

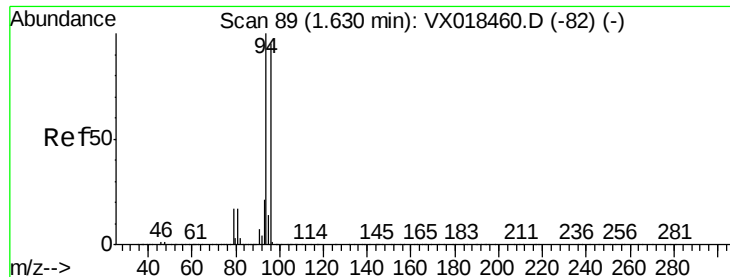
Tgt Ion: 62 Resp: 33397

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5





#5

Bromomethane

Concen: 6.331 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 23459

Ion Ratio Lower Upper

94 100

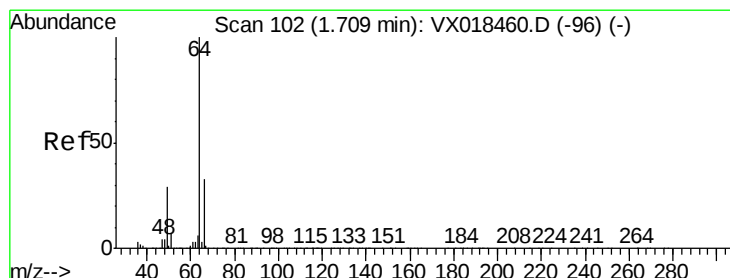
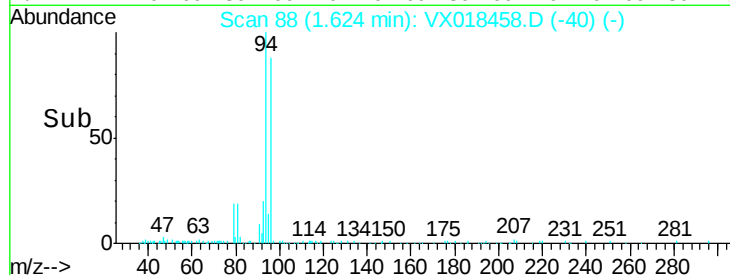
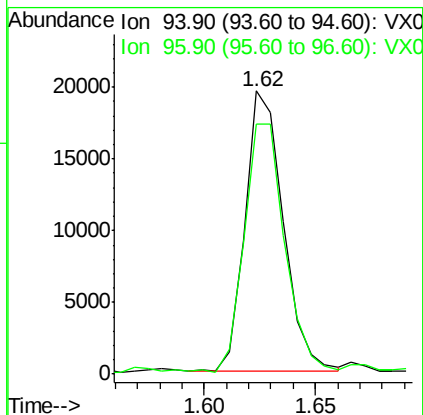
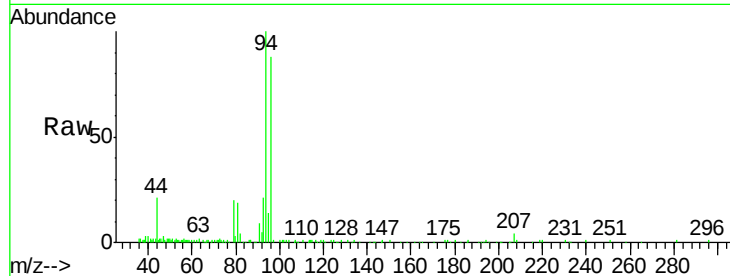
96 88.3 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 4.839 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018458.D

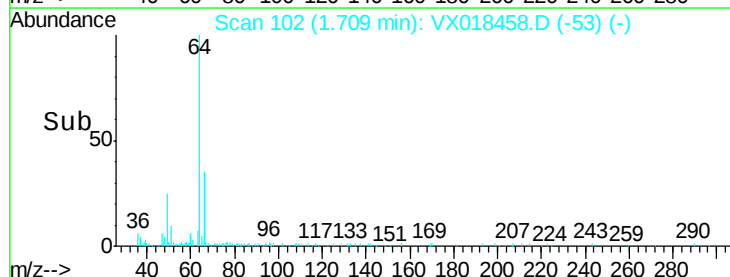
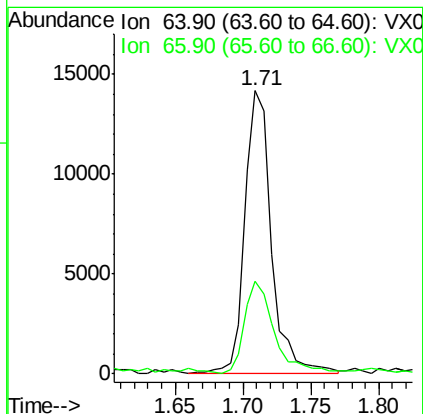
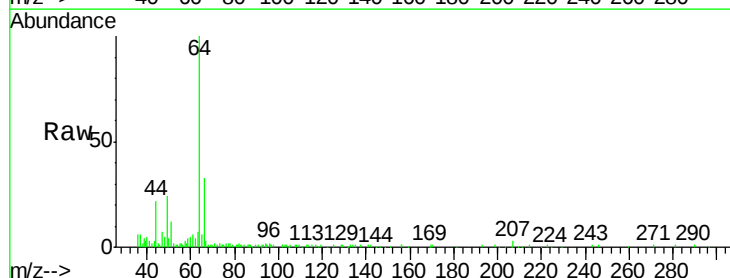
Acq: 17 Sep 2020 10:21

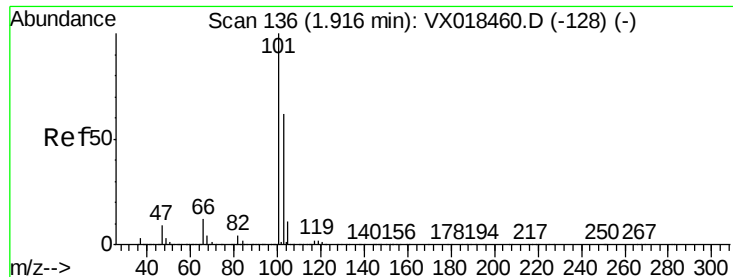
Tgt Ion: 64 Resp: 19141

Ion Ratio Lower Upper

64 100

66 31.6 26.2 39.4





#7

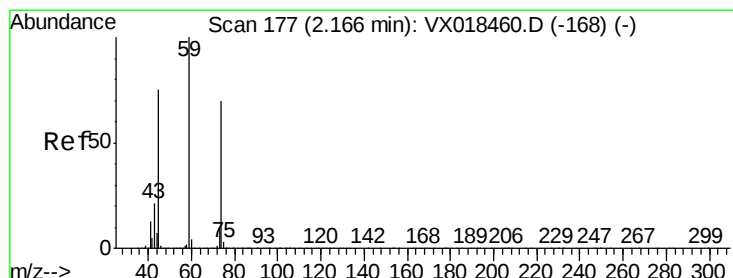
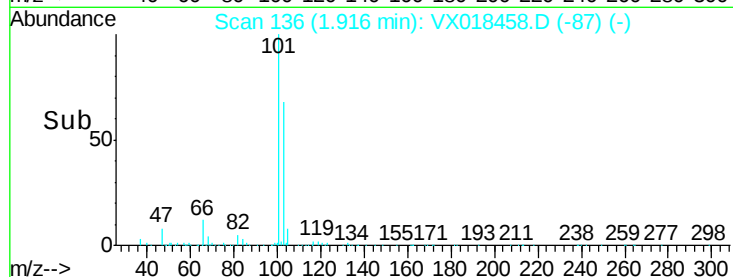
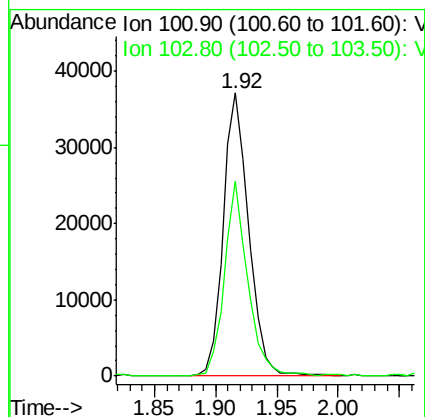
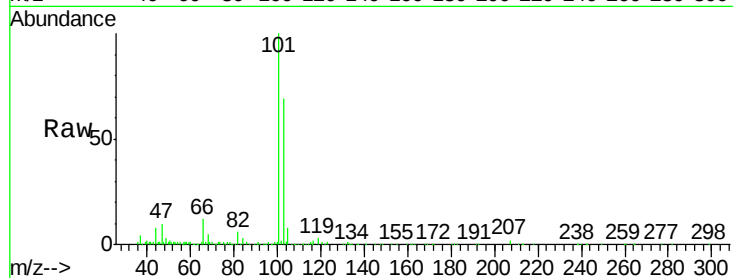
Trichlorofluoromethane
Concen: 5.303 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	68.7	49.6	74.4

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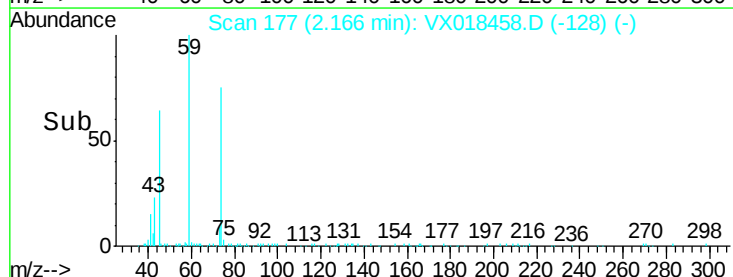
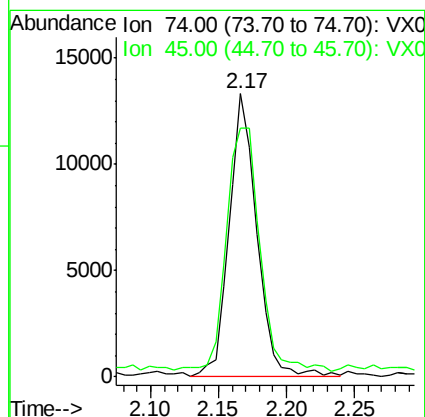
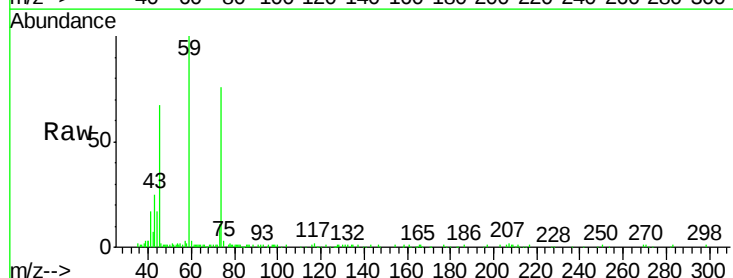
MMDadoda
9/18/2020 12:19:34 PM

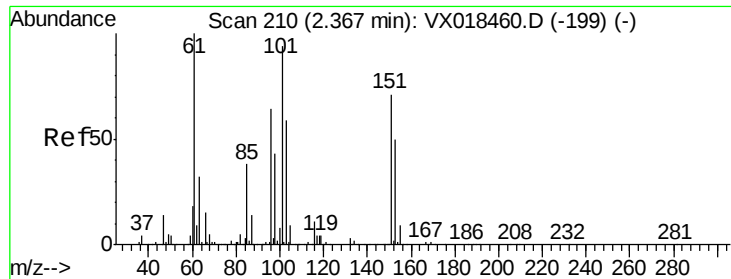


#8

Diethyl Ether
Concen: 5.518 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.5	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.974 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

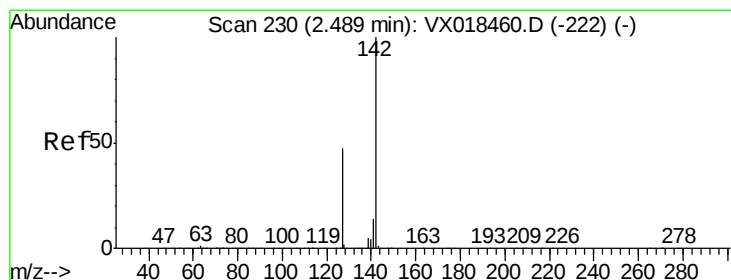
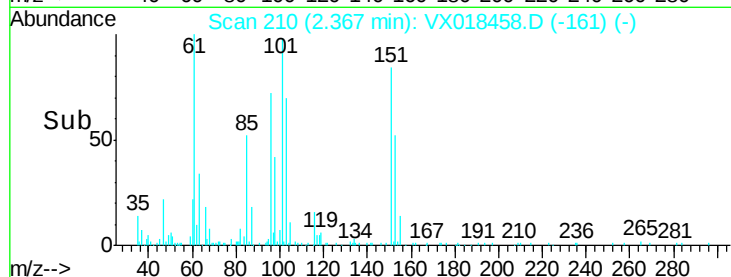
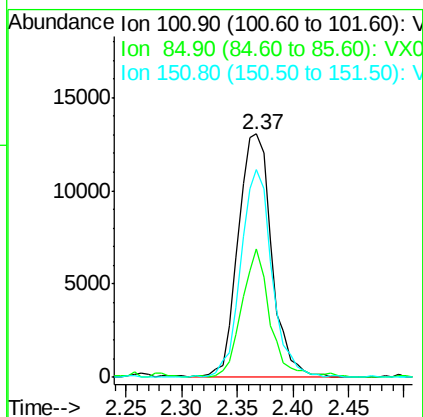
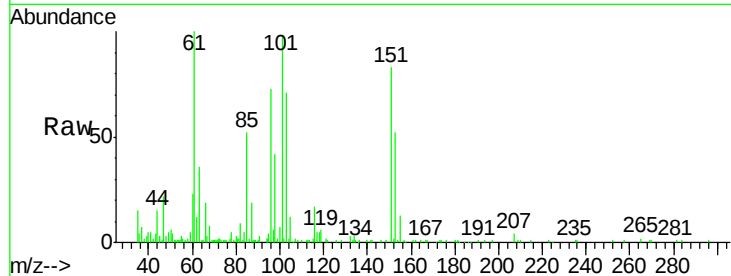
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	27273
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	79.5	64.9	97.3

Manual Integrations
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9/18/2020 12:19:34 PM



#10

Methyl Iodide

Concen: 3.109 ug/l

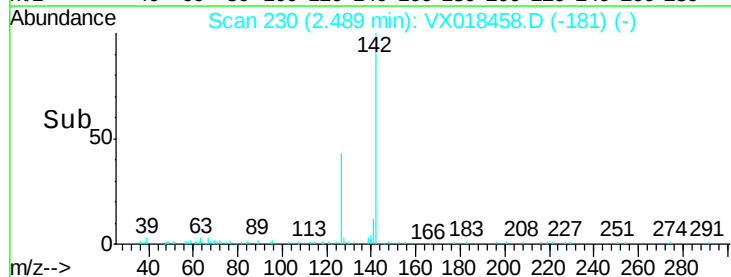
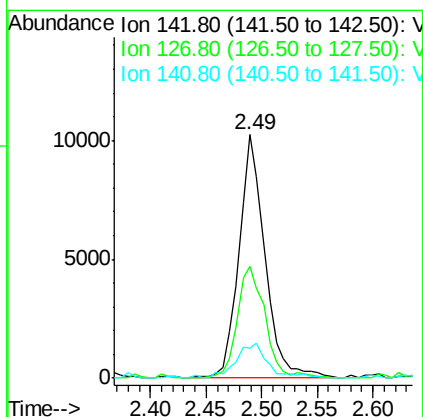
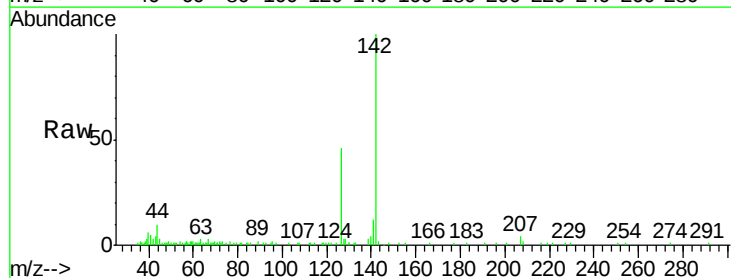
RT: 2.49 min Scan# 230

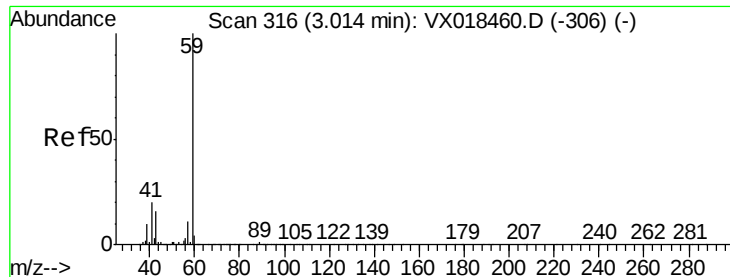
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	142	Resp:	16647
Ion Ratio	Lower	Upper	
142	100		
127	49.1	36.0	54.0
141	17.2	11.9	17.9





#11

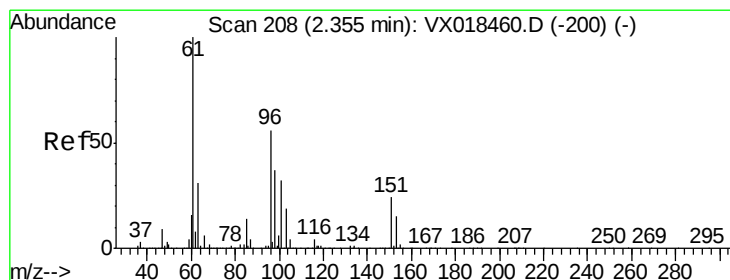
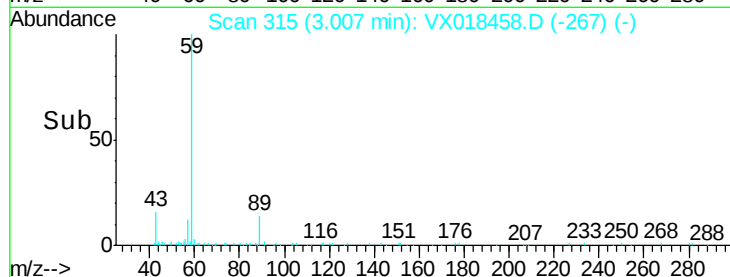
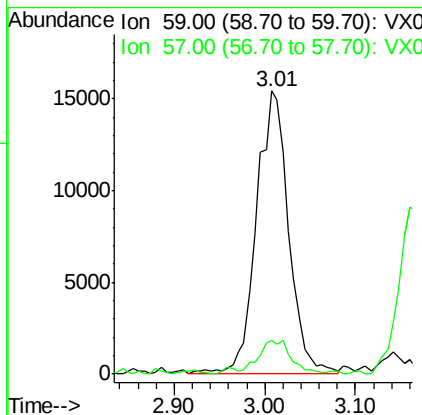
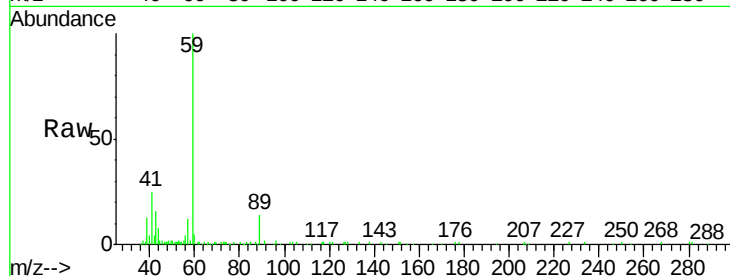
Tert butyl alcohol
Concen: 24.677 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	59.00	Resp	37997
Ion Ratio	100	Lower	Upper
59	100		
57	11.2	8.2	12.4

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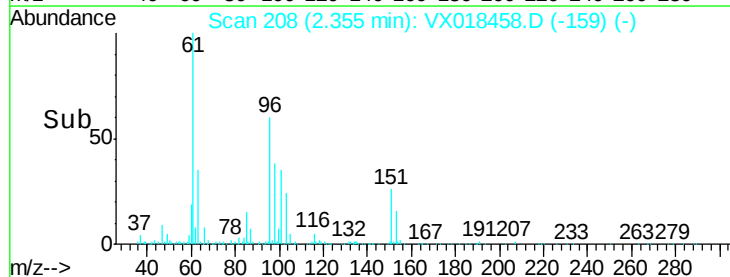
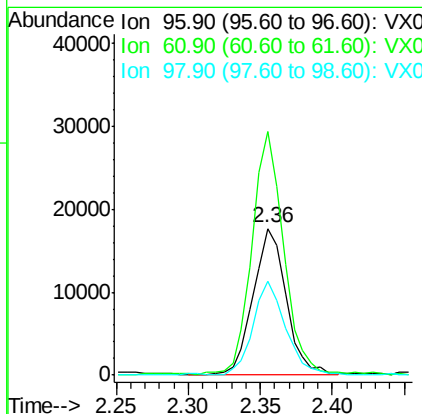
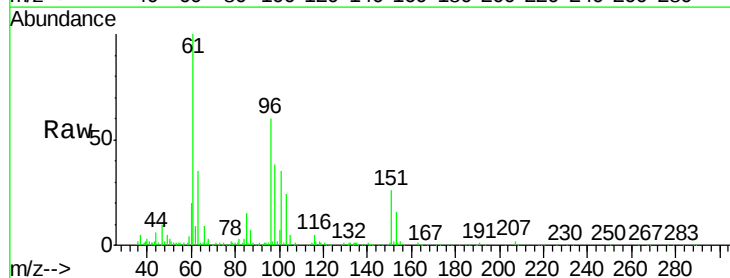
MMDadoda
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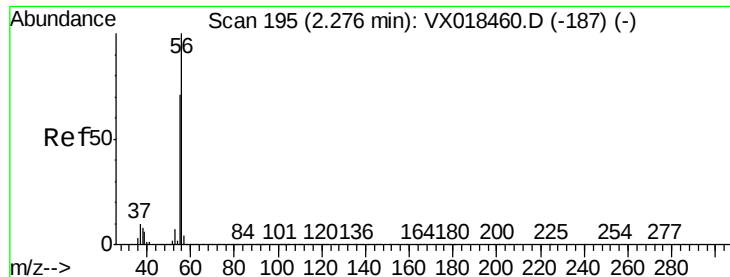


#12

1,1-Dichloroethene
Concen: 4.890 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	96	Resp	27703
Ion Ratio	100	Lower	Upper
96	100		
61	165.5	142.2	213.4
98	63.0	52.4	78.6





#13

Acrolein

Concen: 32.426 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 22613

Ion Ratio Lower Upper

56 100

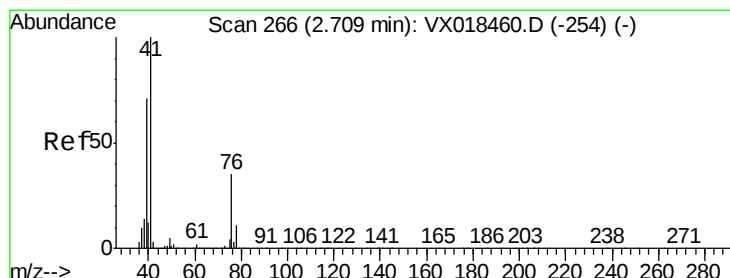
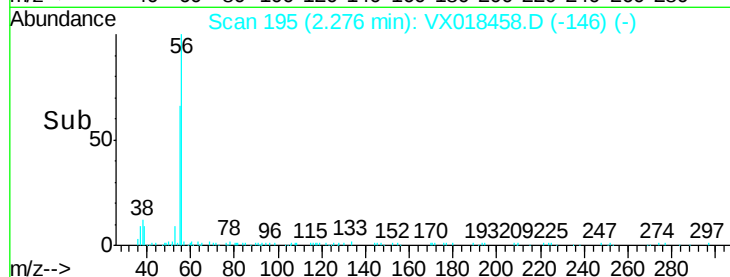
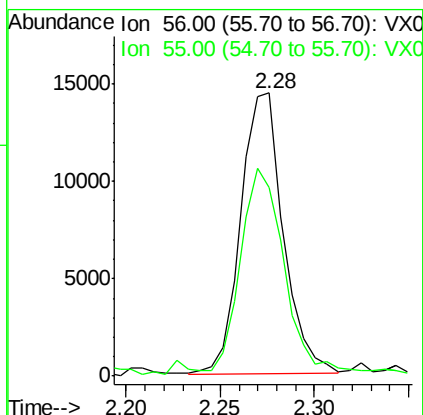
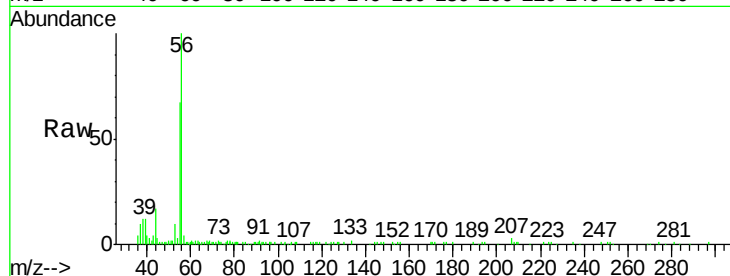
55 75.1 58.2 87.4

Manual Integrations

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#14

Allyl chloride

Concen: 5.287 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

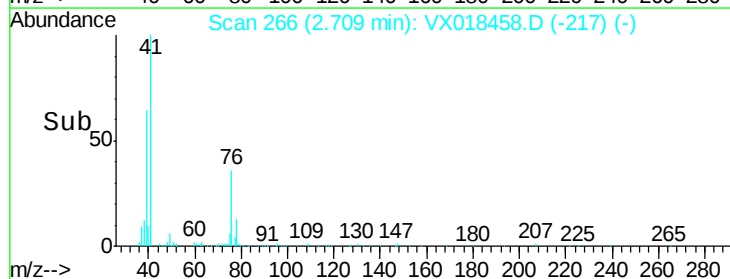
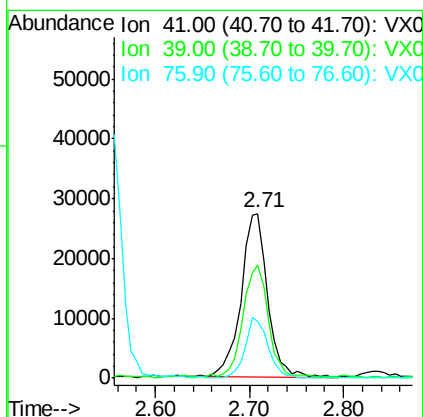
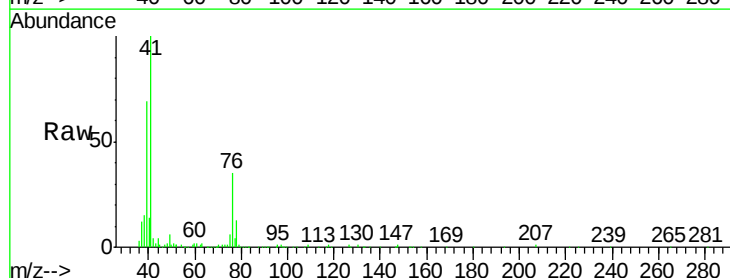
Tgt Ion: 41 Resp: 54120

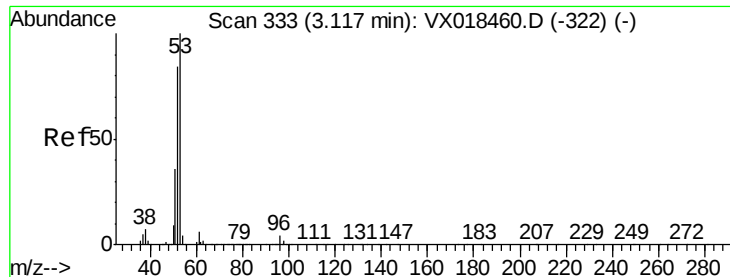
Ion Ratio Lower Upper

41 100

39 66.1 51.1 76.7

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 24.430 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

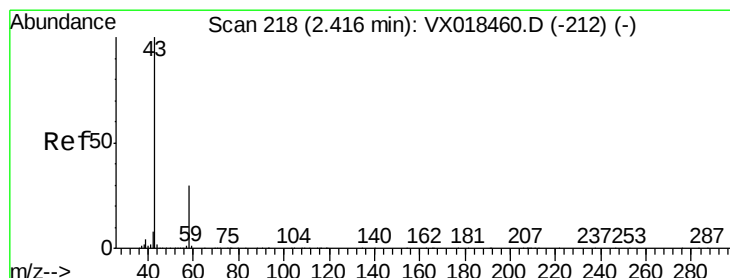
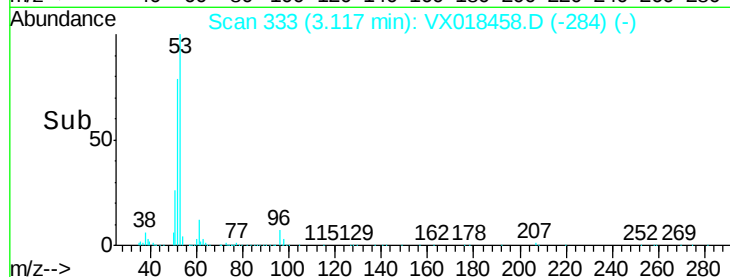
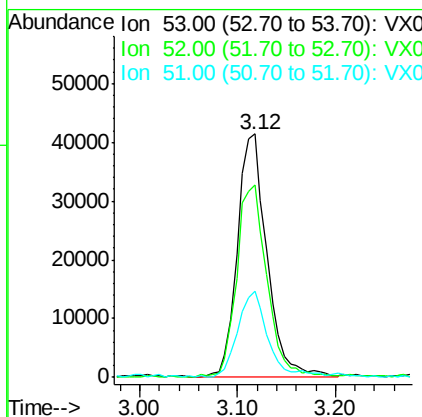
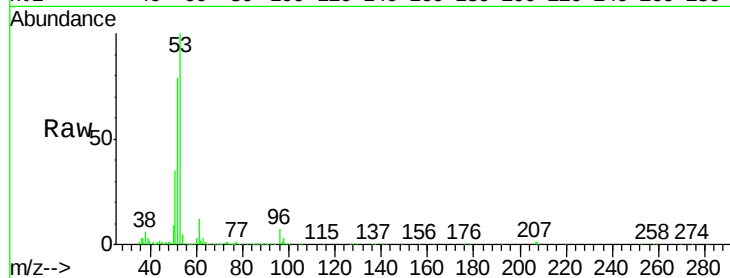
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	86568
Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.8	98.8
51	35.7	29.2	43.8

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#16

Acetone

Concen: 24.450 ug/l

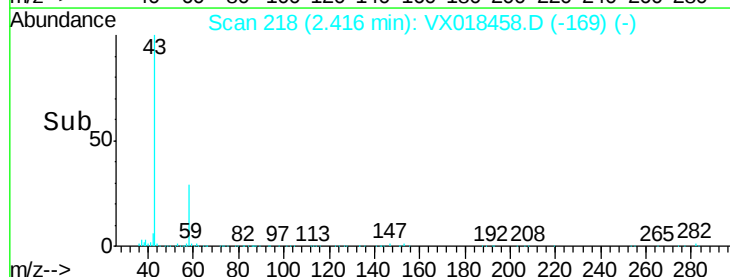
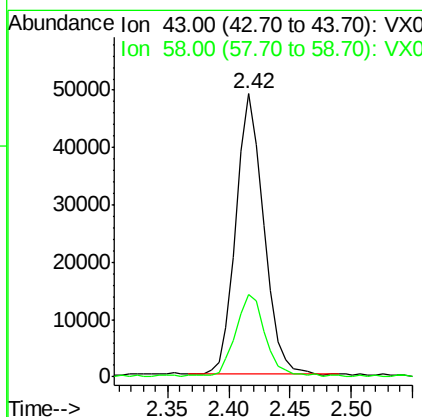
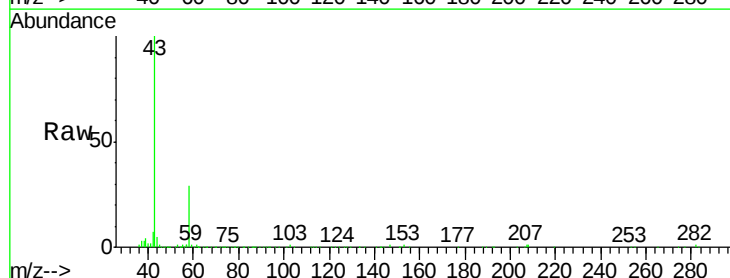
RT: 2.42 min Scan# 218

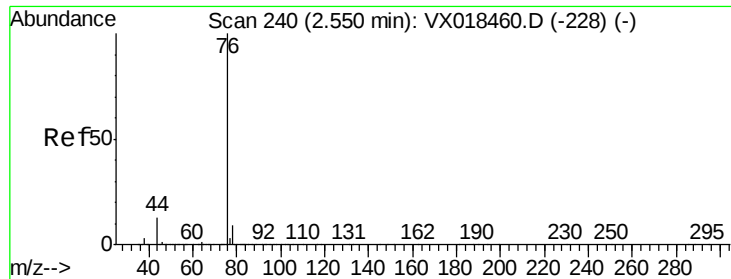
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	43	Resp:	76948
Ion	Ratio	Lower	Upper
43	100		
58	29.1	24.0	36.0





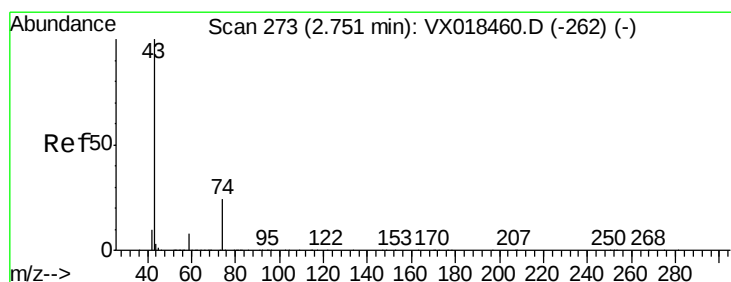
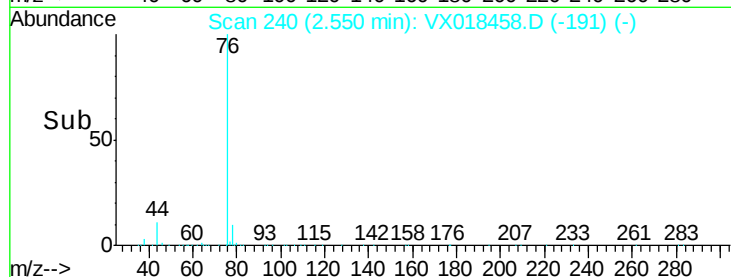
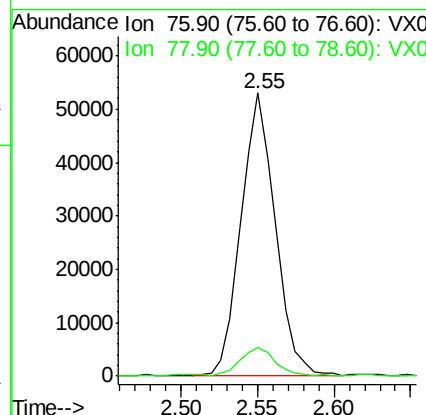
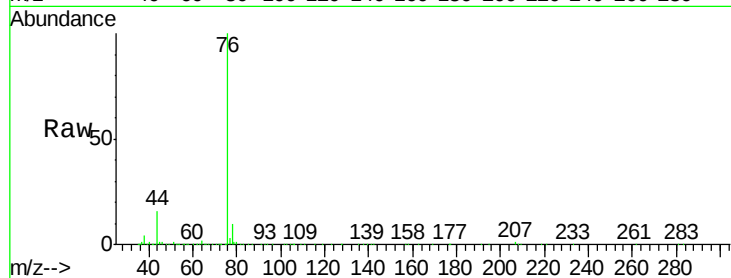
#17
Carbon Disulfide
Concen: 4.811 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.0	10.4

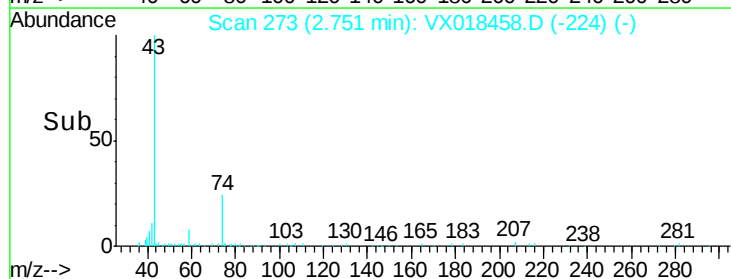
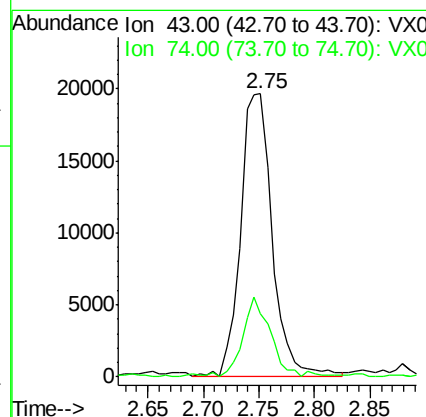
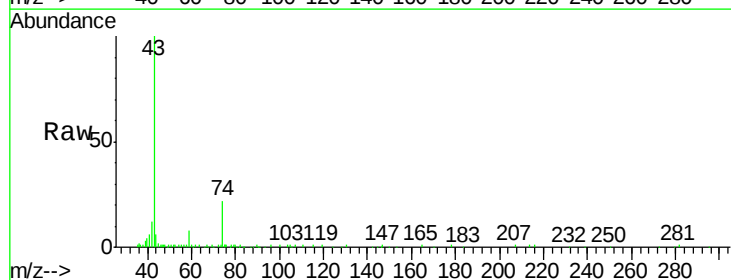
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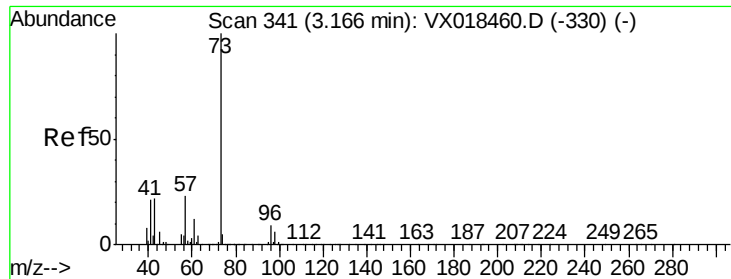
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#18
Methyl Acetate
Concen: 5.111 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	18.3	27.5





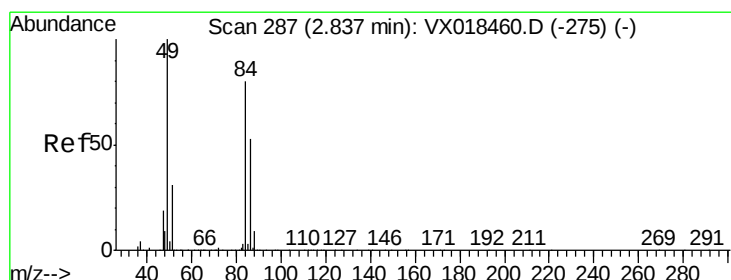
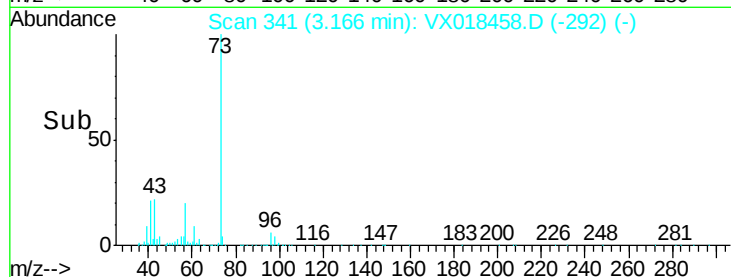
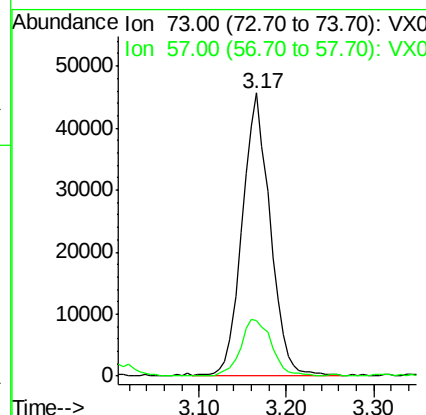
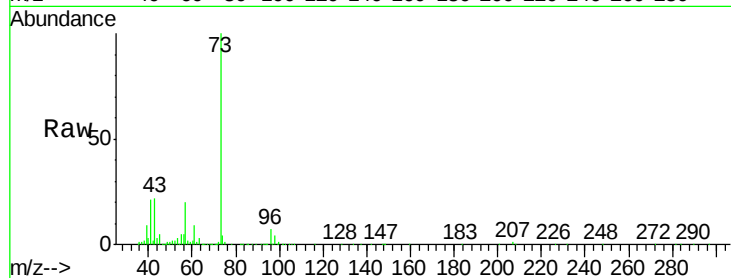
#19
Methvl tert-butvl Ether
Concen: 5.209 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.8	18.0	27.0

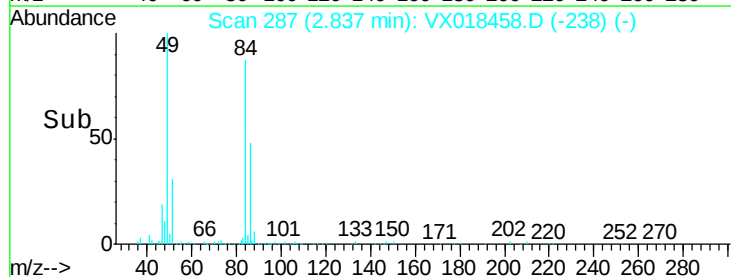
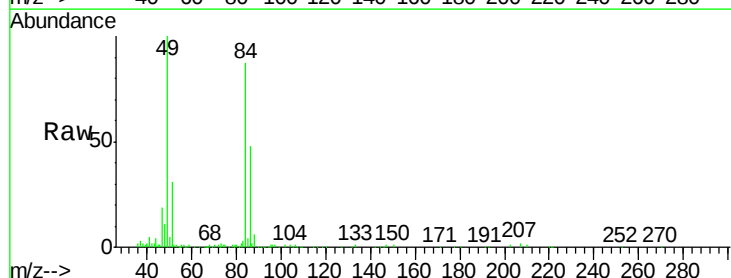
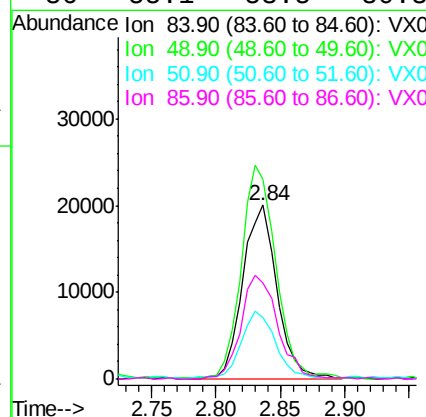
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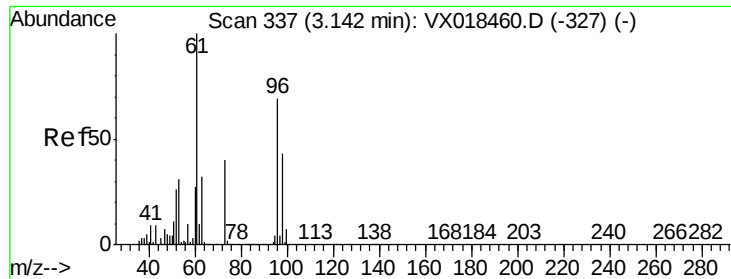
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#20
Methylene Chloride
Concen: 5.188 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.2	100.6	151.0
51	34.6	30.9	46.3
86	55.1	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 5.409 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

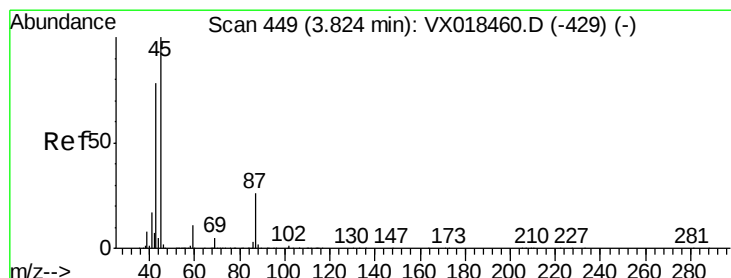
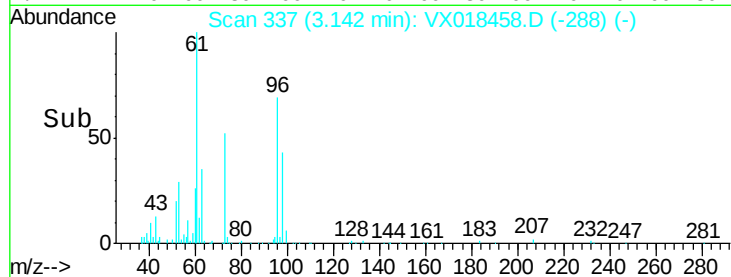
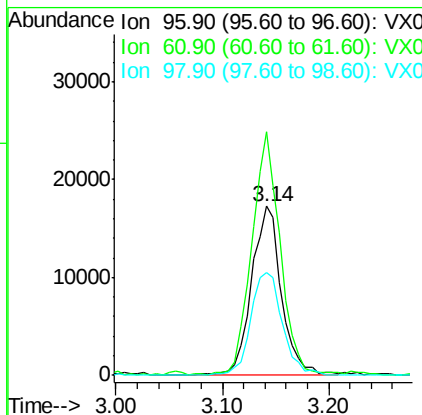
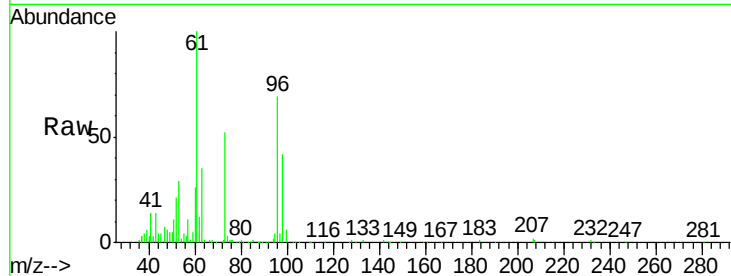
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	34120
Ion	Ratio	Lower	Upper
96	100		
61	143.5	115.6	173.4
98	60.9	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.176 ug/l

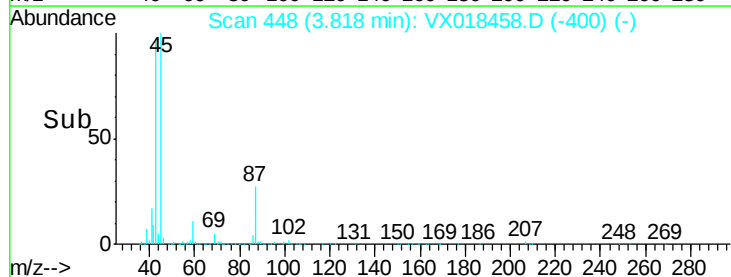
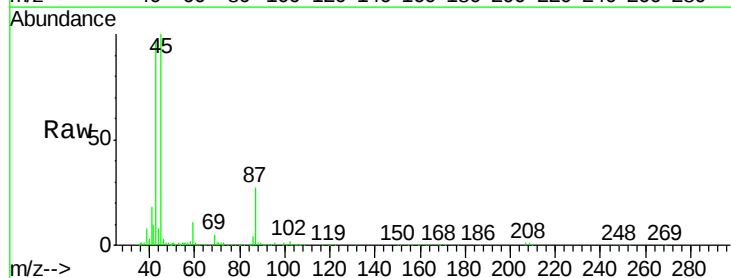
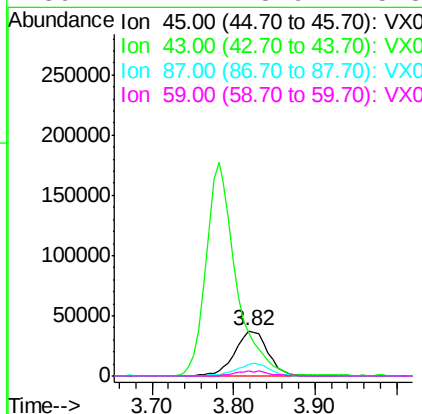
RT: 3.82 min Scan# 448

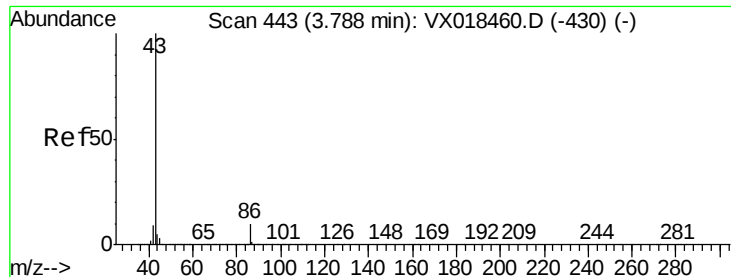
Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	45	Resp:	104146
Ion	Ratio	Lower	Upper
45	100		
43	96.0	62.4	93.6#
87	27.0	21.2	31.8
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 25.346 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 453616

Ion Ratio Lower Upper

43 100

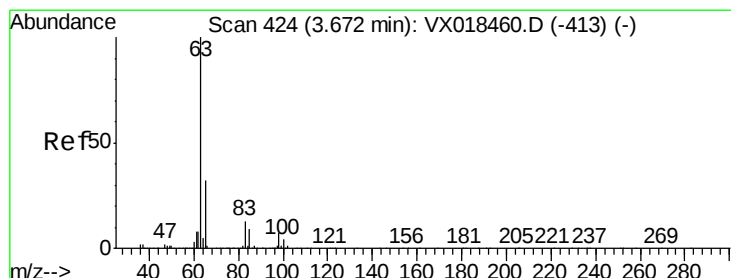
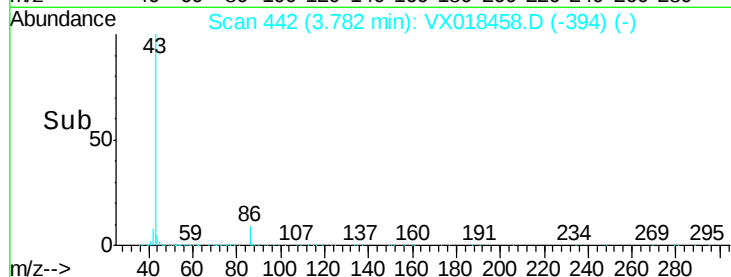
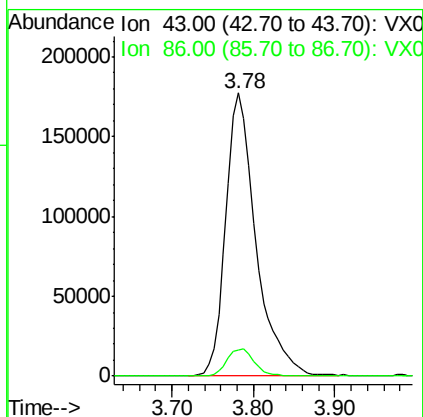
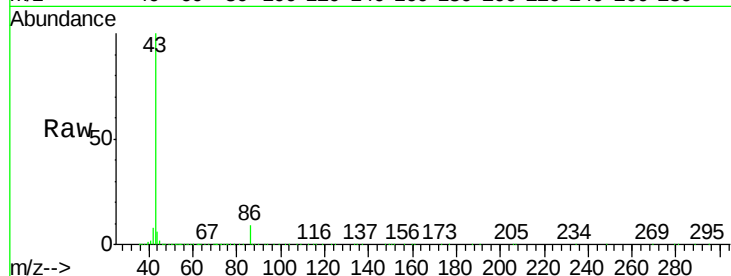
86 9.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 5.200 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

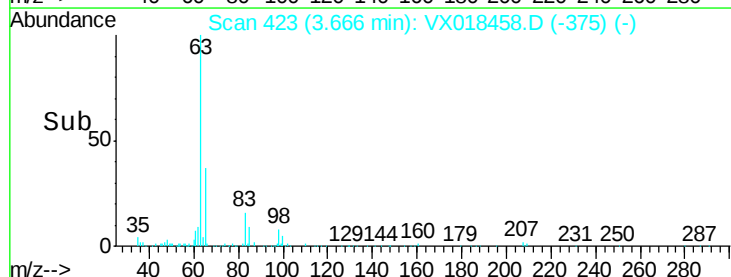
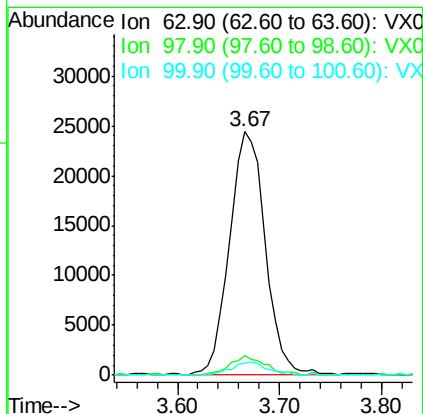
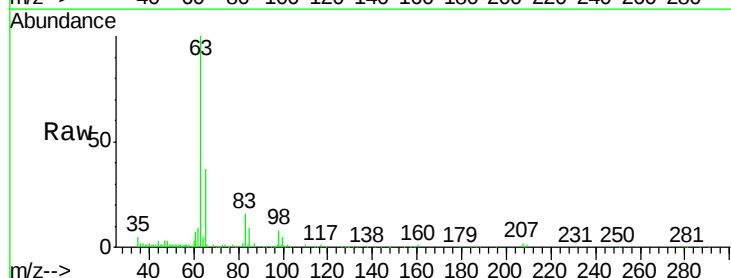
Tgt Ion: 63 Resp: 59429

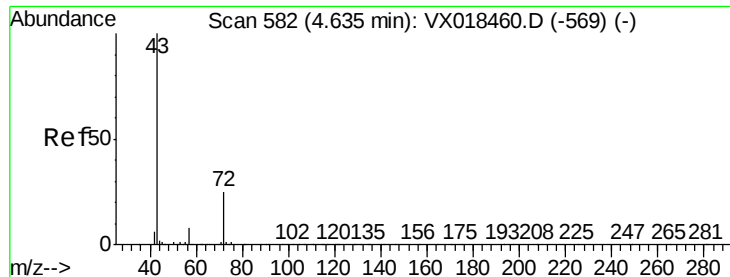
Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.6

100 4.9 1.9 5.7





#25

2-Butanone

Concen: 23.894 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 122447

Ion Ratio Lower Upper

43 100

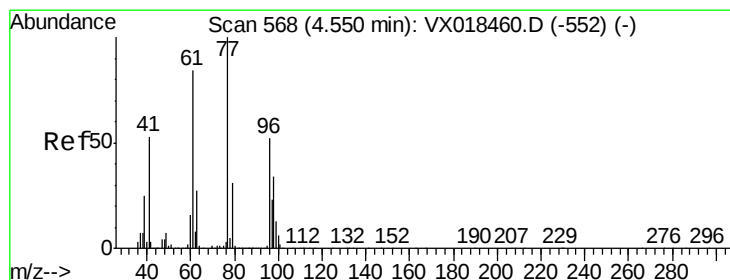
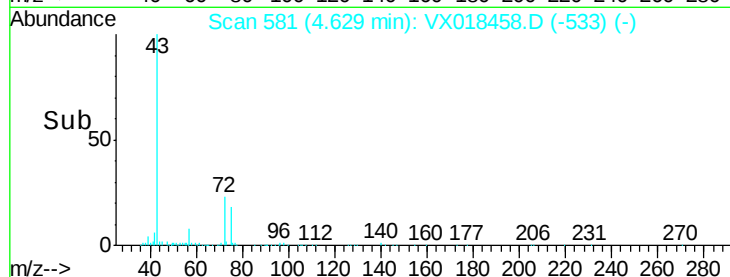
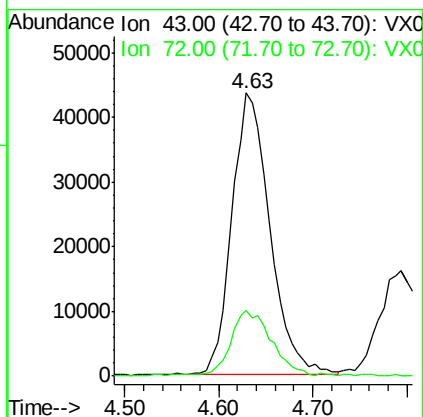
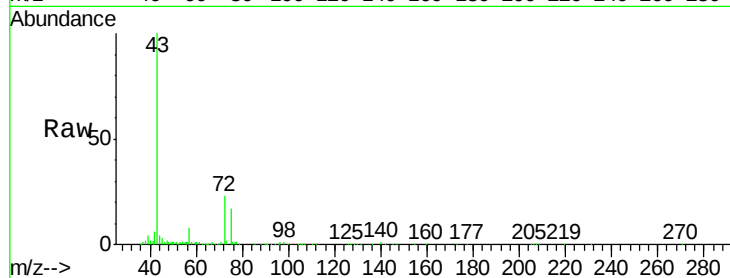
72 23.1 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 5.734 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018458.D

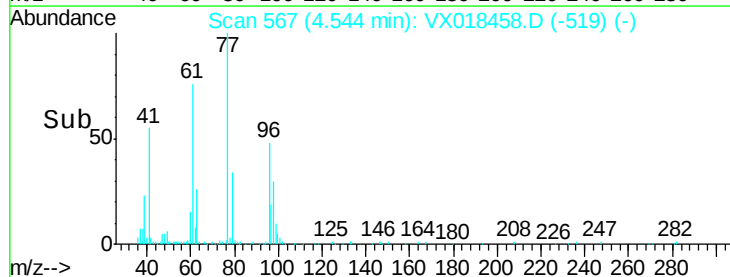
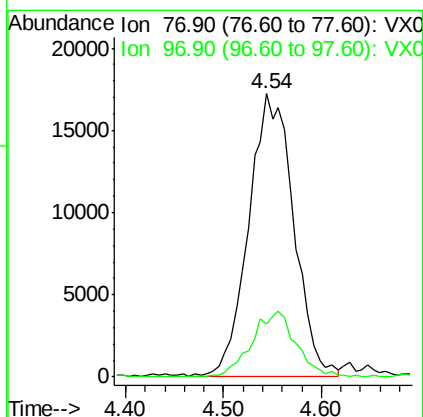
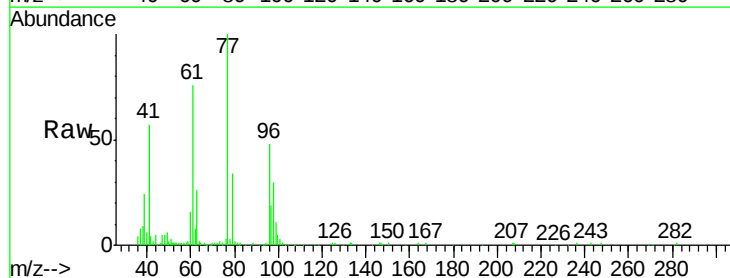
Acq: 17 Sep 2020 10:21

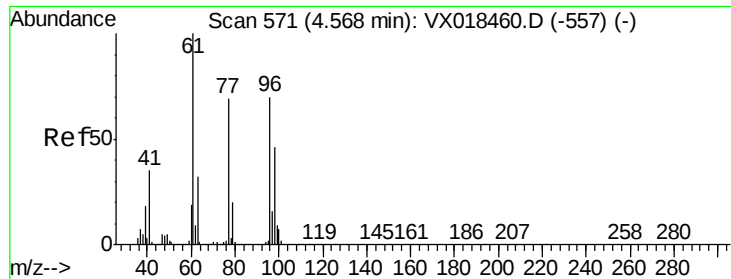
Tgt Ion: 77 Resp: 54572

Ion Ratio Lower Upper

77 100

97 22.9 11.2 33.5





#27

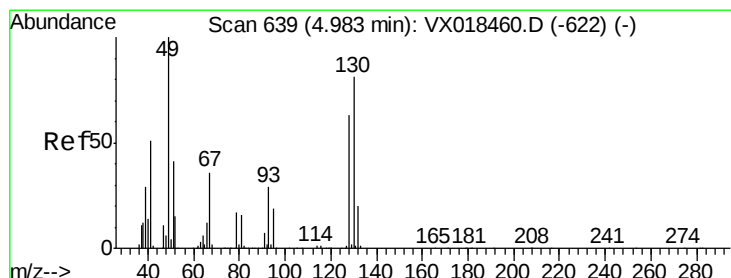
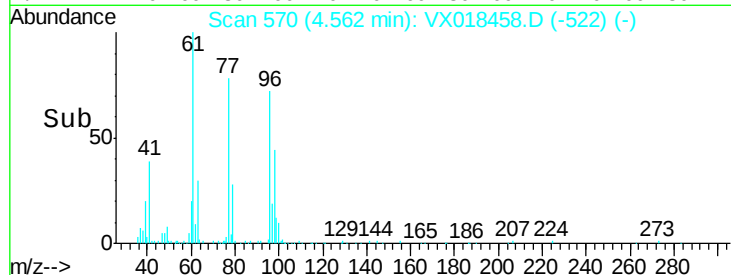
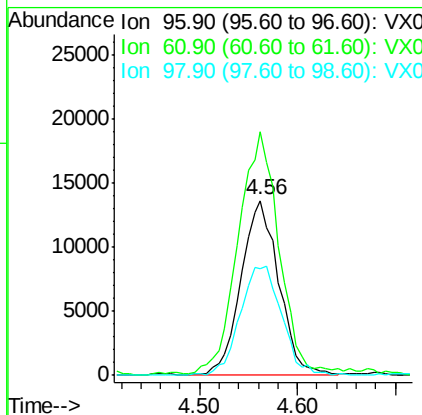
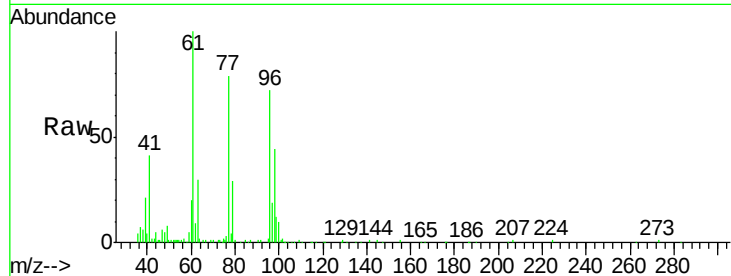
cis-1,2-Dichloroethene
Concen: 5.054 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
96	100	36697		
61	147.1	0.0	300.0	
98	68.3	0.0	130.4	

Manual Integrations
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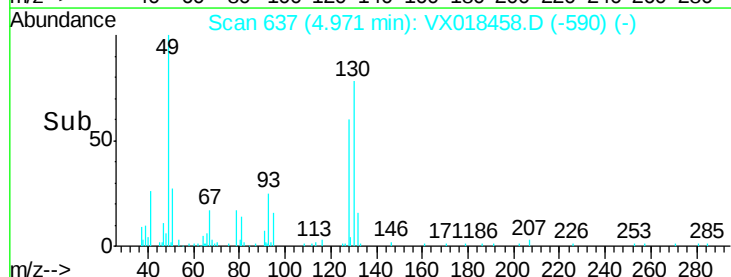
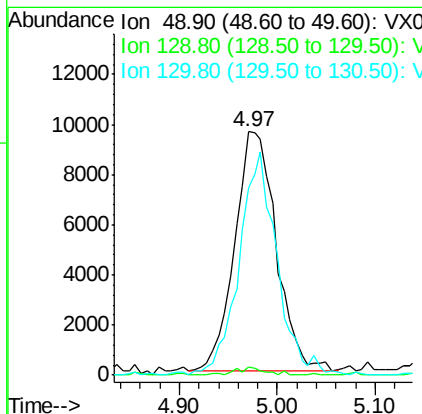
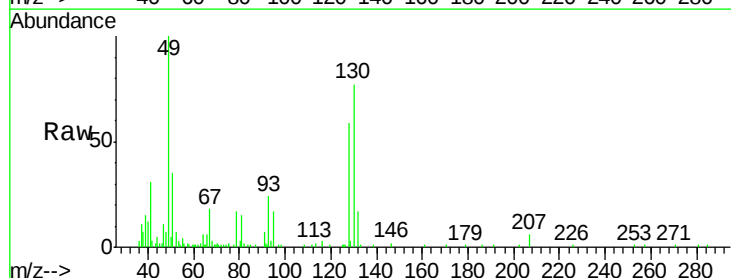
MMDadoda
9/18/2020 12:19:34 PM

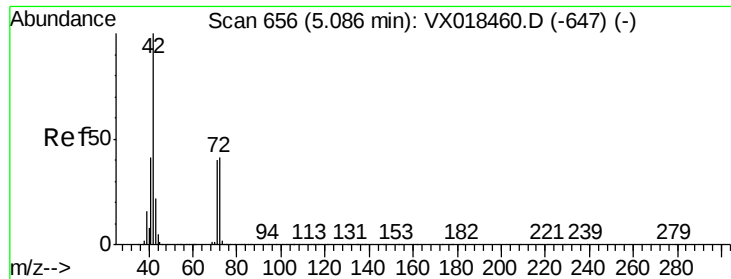


#28

Bromochloromethane
Concen: 5.114 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	28324		
129	2.2	0.0	4.6	
130	84.6	65.0	97.4	





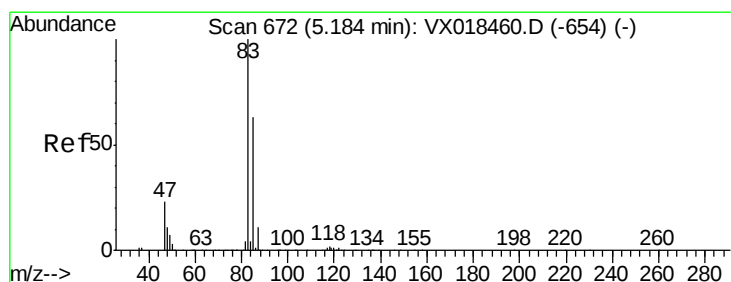
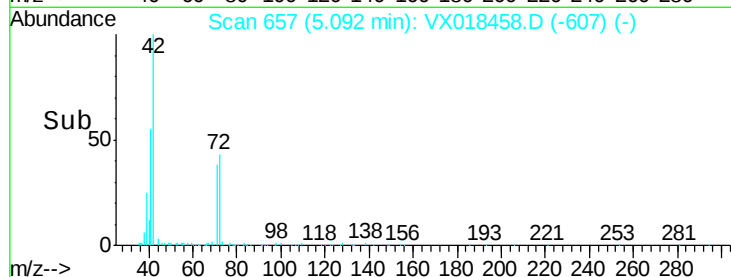
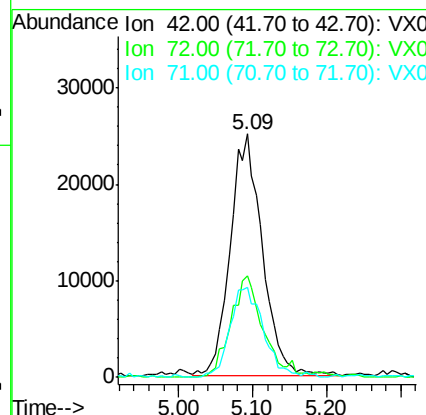
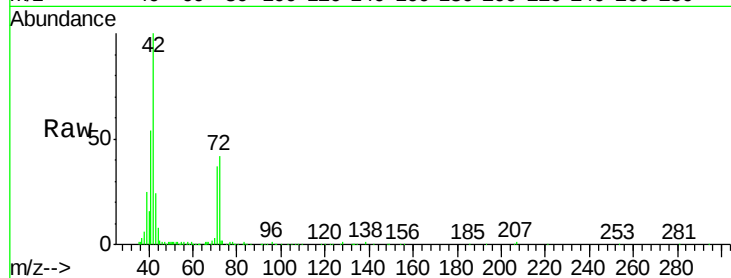
#29
Tetrahydrofuran
Concen: 23.258 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.5	34.3	51.5
71	38.7	32.1	48.1

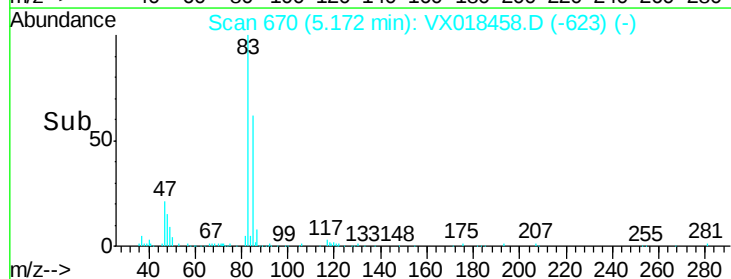
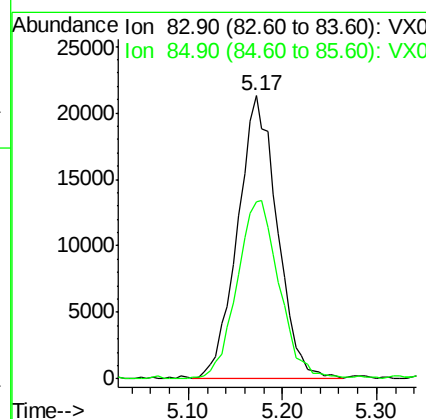
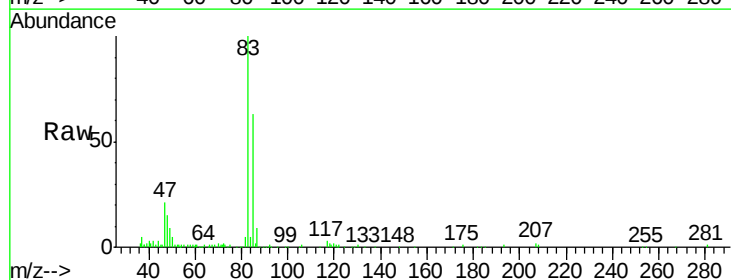
Manual Integrations
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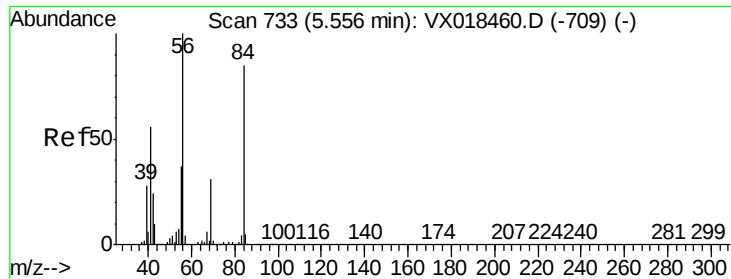
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#30
Chloroform
Concen: 5.240 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	50.6	76.0





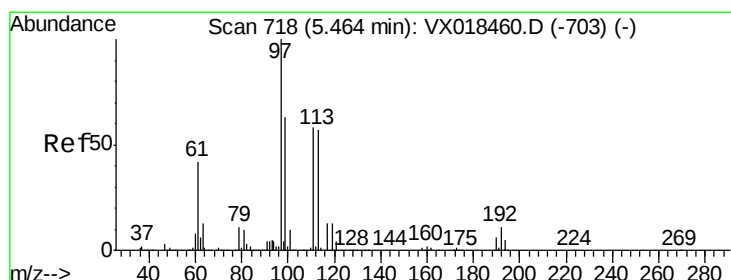
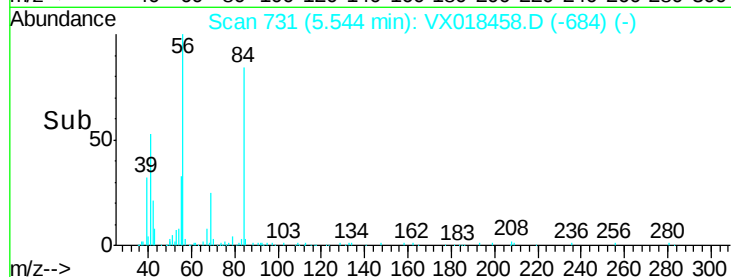
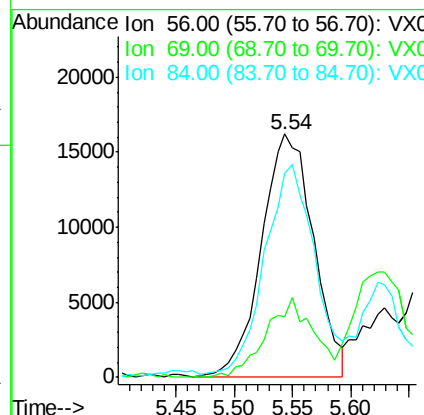
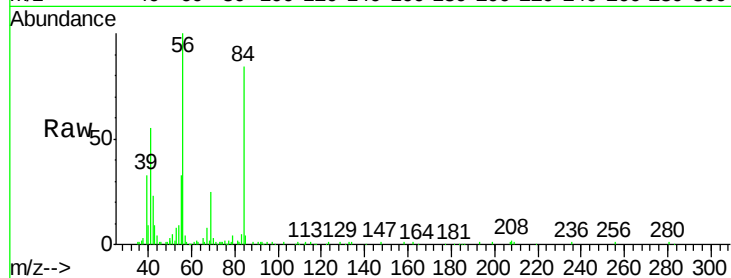
#31
Cyclohexane
Concen: 5.184 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	25.1	24.8	37.2
84	80.3	67.6	101.4

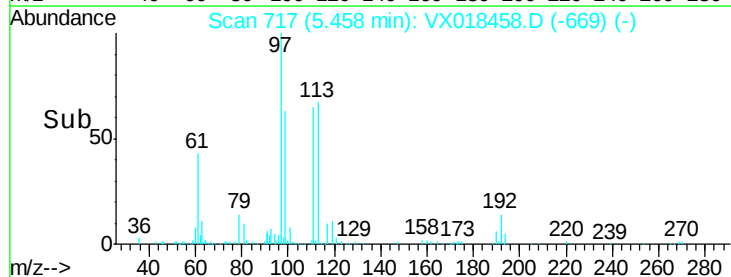
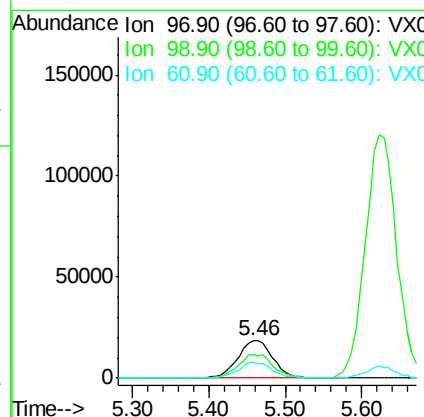
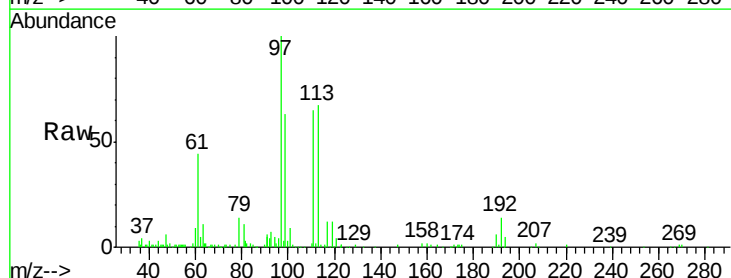
Manual Integrations
APPROVED

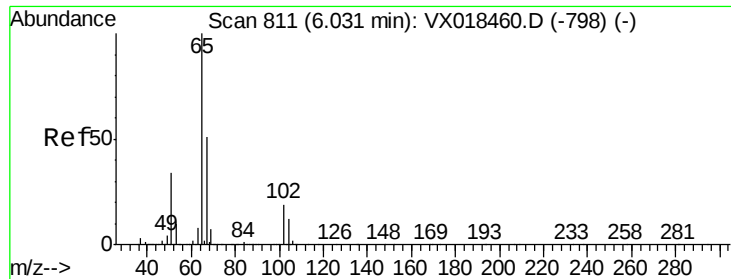
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.365 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.5	75.7
61	41.5	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 5.479 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 43965

Ion Ratio Lower Upper

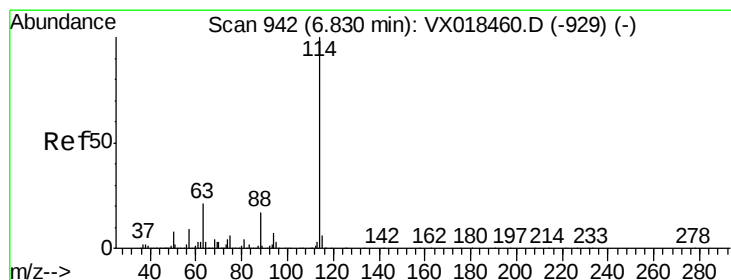
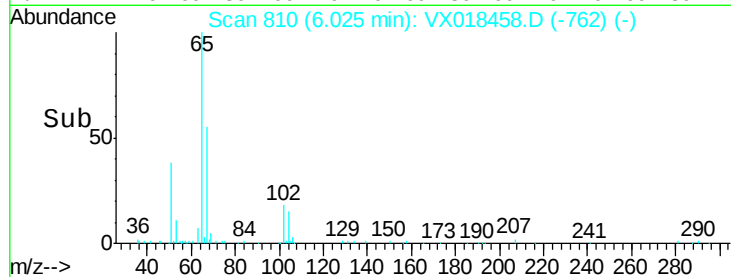
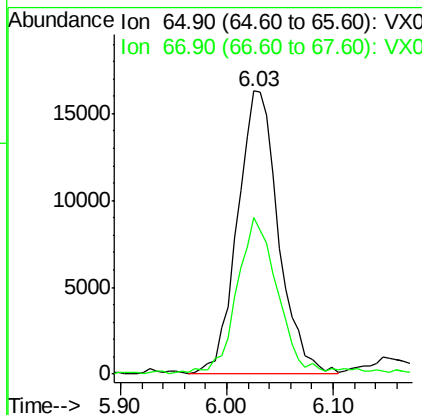
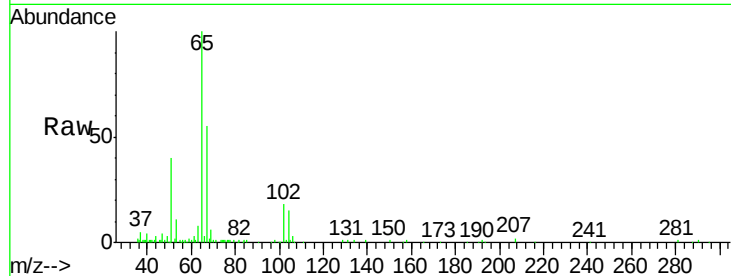
65 100

67 54.4 0.0 105.6

Manual Integrations
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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: VX018458.D

Acq: 17 Sep 2020 10:21

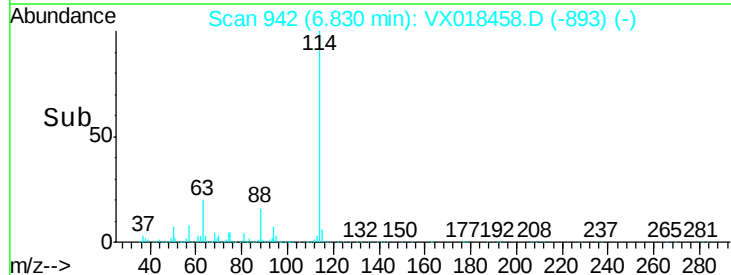
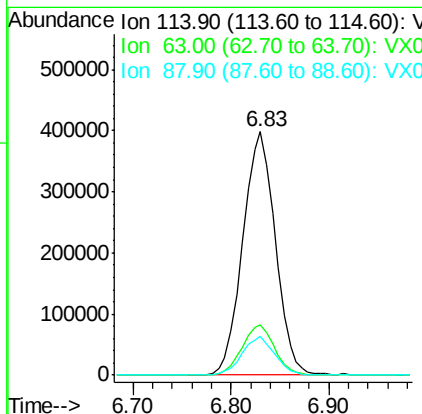
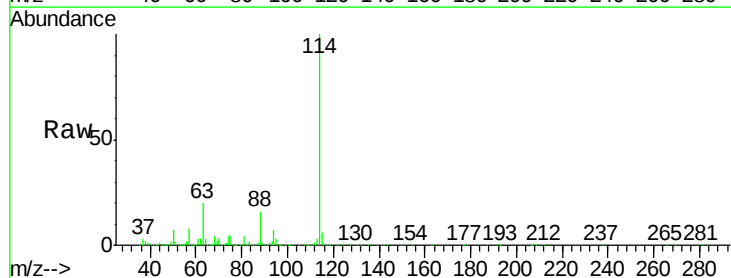
Tgt Ion: 114 Resp: 921556

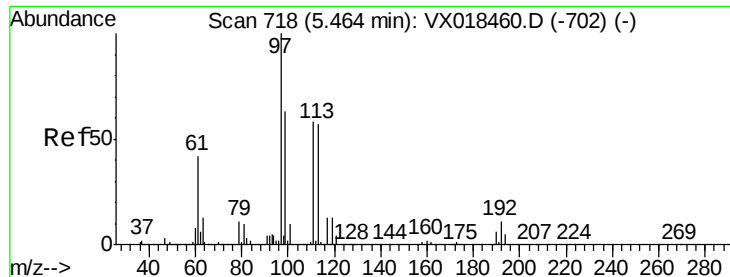
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.9 0.0 33.6





#35

Dibromofluoromethane

Concen: 5.353 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

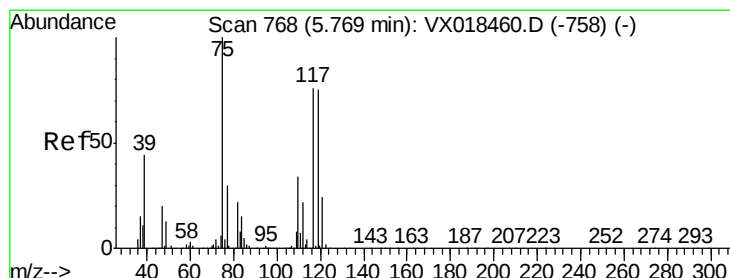
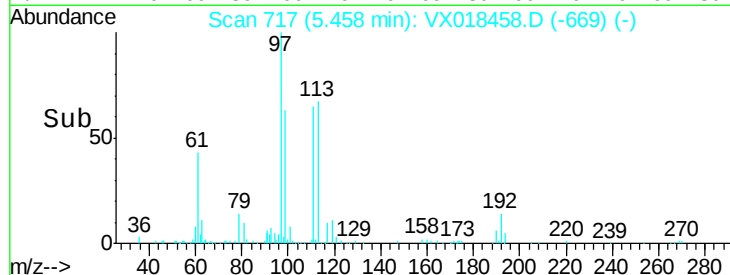
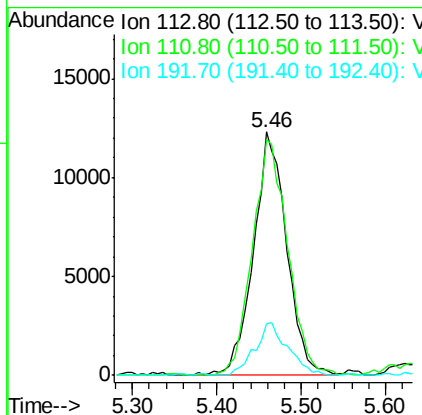
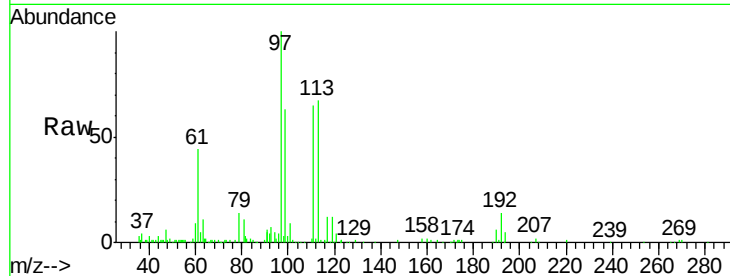
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	33373
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.4	122.2
192	21.4	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.200 ug/l

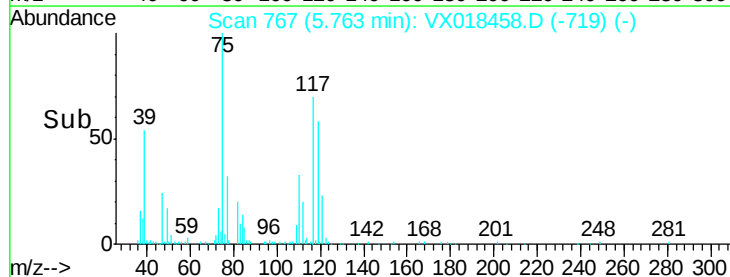
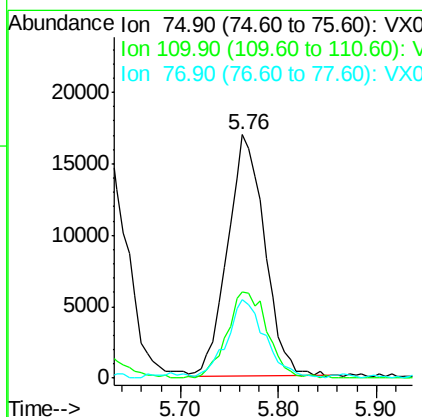
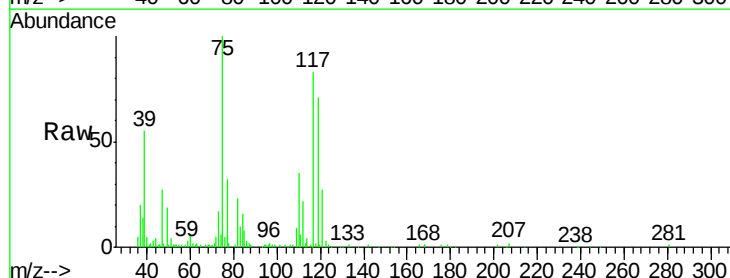
RT: 5.76 min Scan# 767

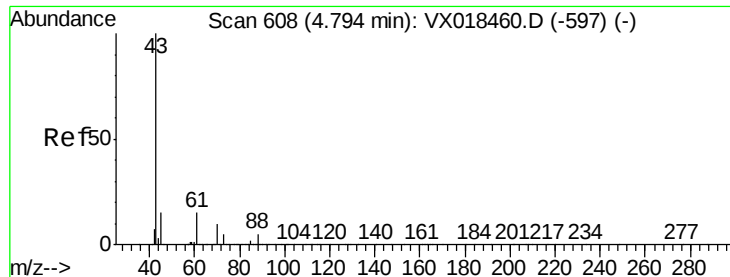
Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	75	Resp:	44433
Ion Ratio	Lower	Upper	
75	100		
110	38.9	17.6	52.8
77	33.1	25.0	37.6





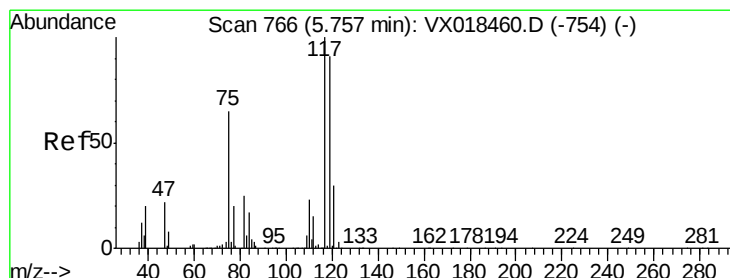
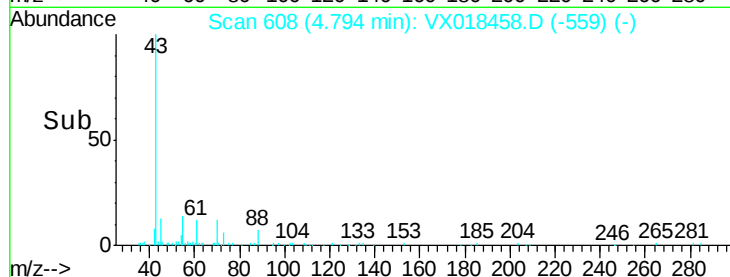
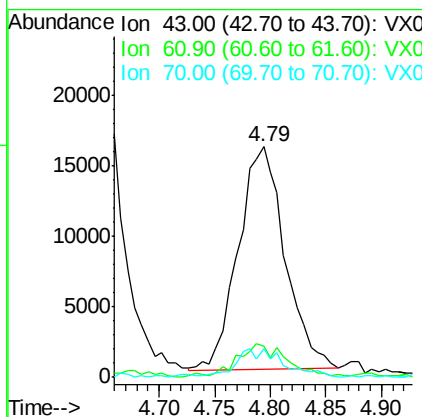
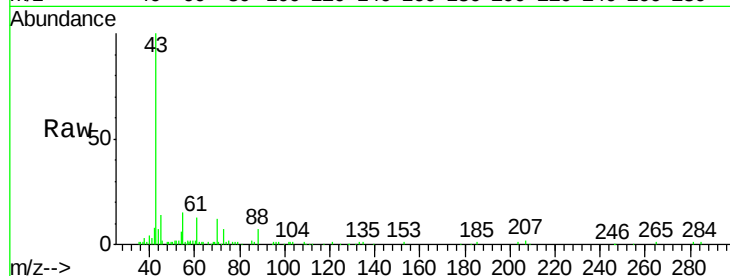
#37
Ethyl Acetate
Concen: 4.695 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.3	10.9	16.3
70	5.2	8.3	12.5

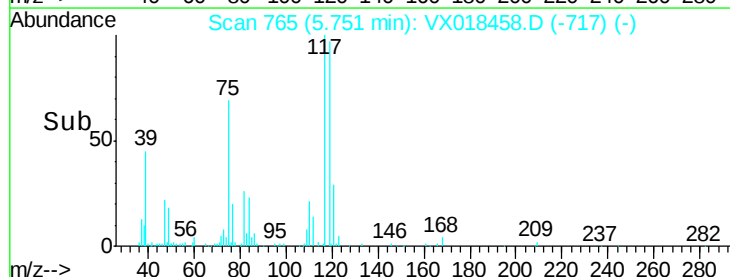
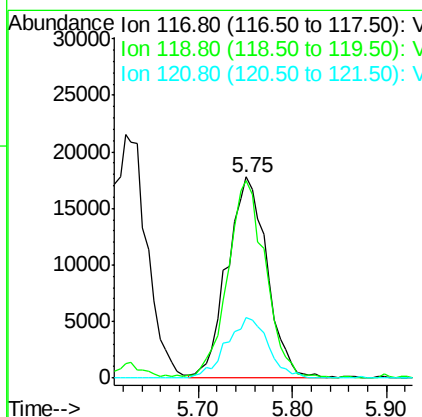
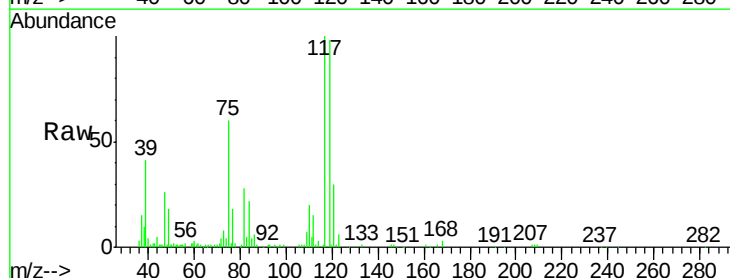
Manual Integrations
APPROVED

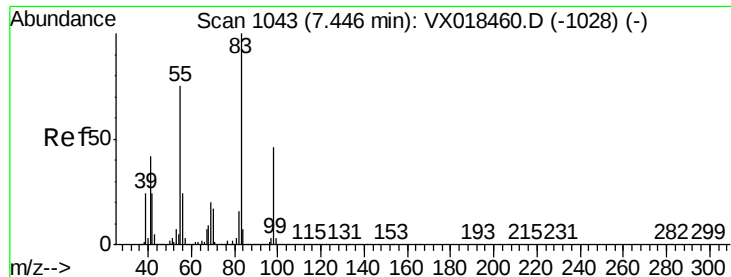
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#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	72.3	108.5
121	30.0	23.8	35.8





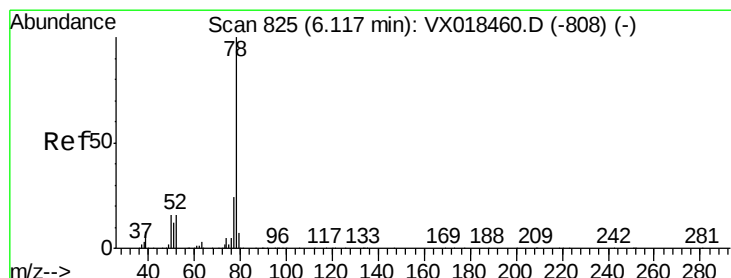
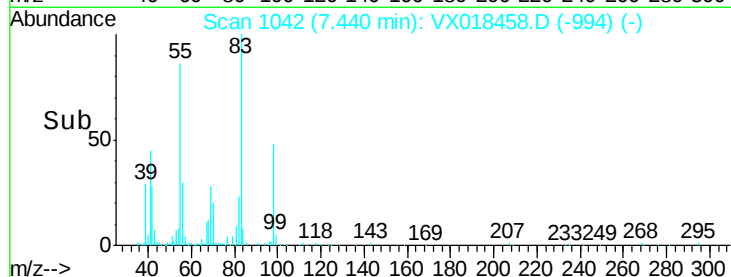
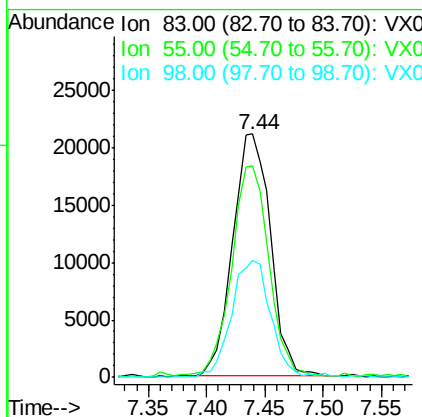
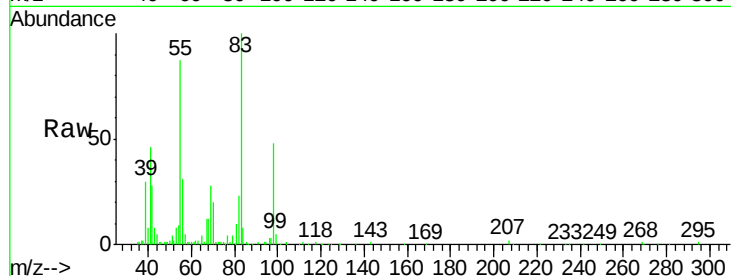
#39
Methvlcvclohexane
Concen: 5.086 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.6	60.2	90.4
98	48.4	36.4	54.6

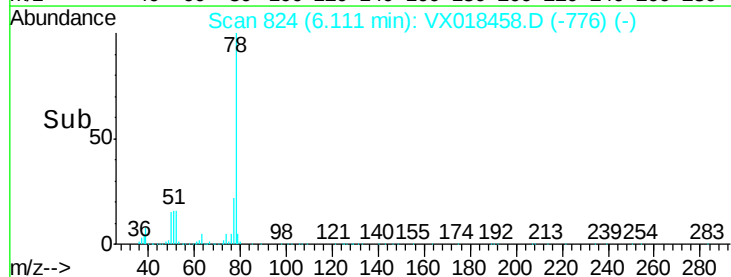
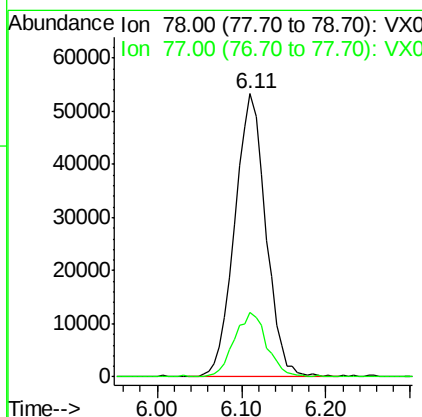
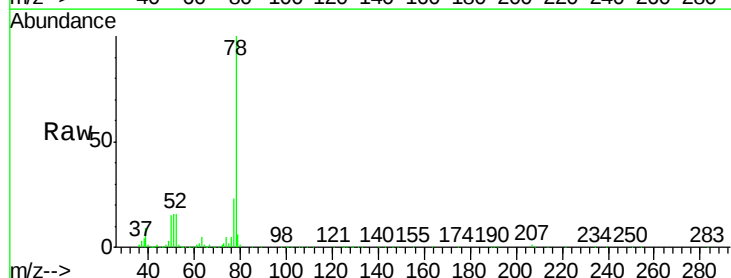
Manual Integrations
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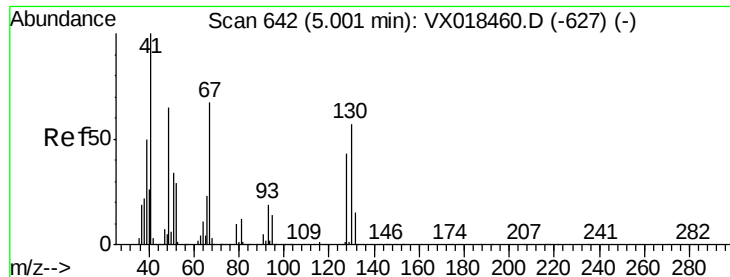
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#40
Benzene
Concen: 5.319 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.0	28.4





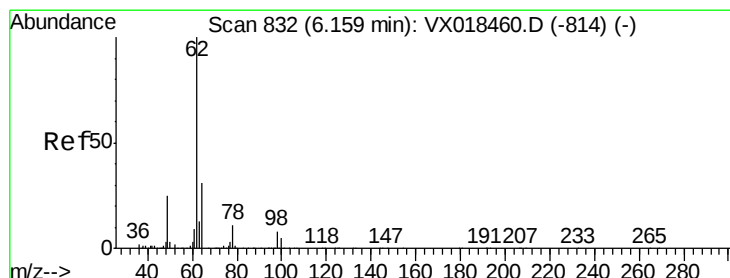
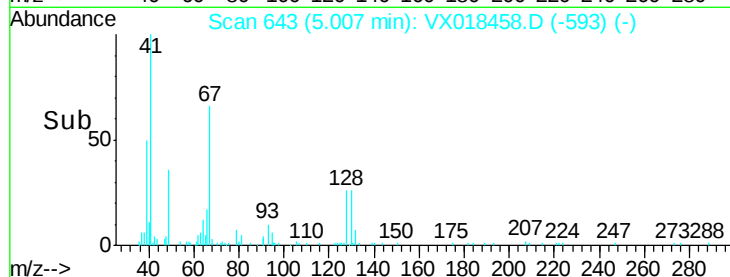
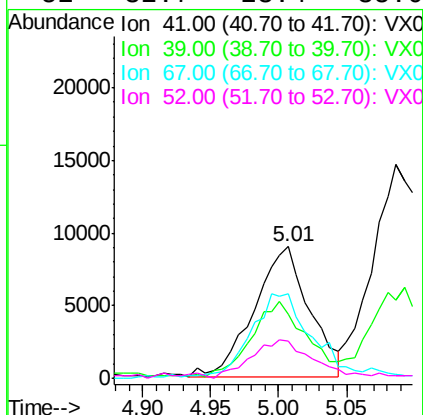
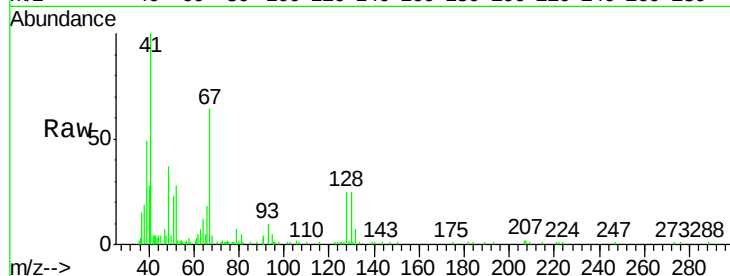
#41
Methacrylonitrile
Concen: 4.752 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.5	45.3	67.9
67	65.7	56.7	85.1
52	32.7	23.4	35.0

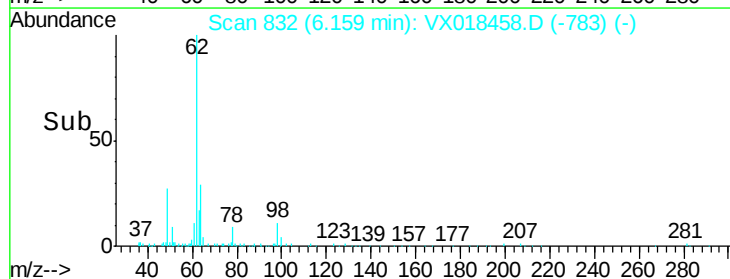
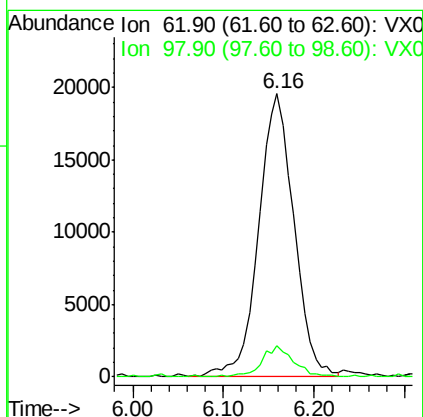
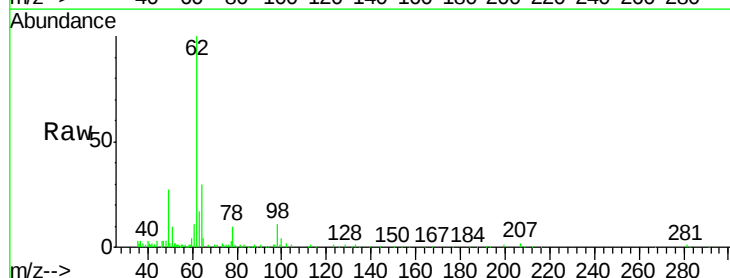
Manual Integrations
APPROVED

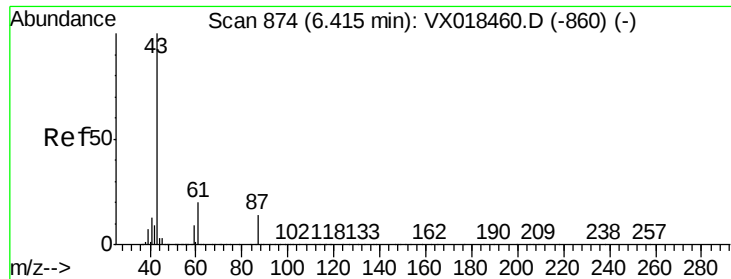
MMDadoda
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#42
1,2-Dichloroethane
Concen: 5.495 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	16.6





#43

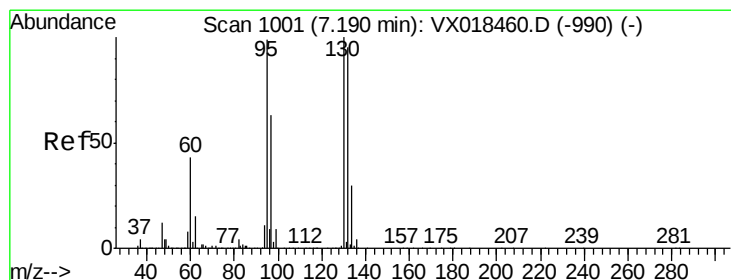
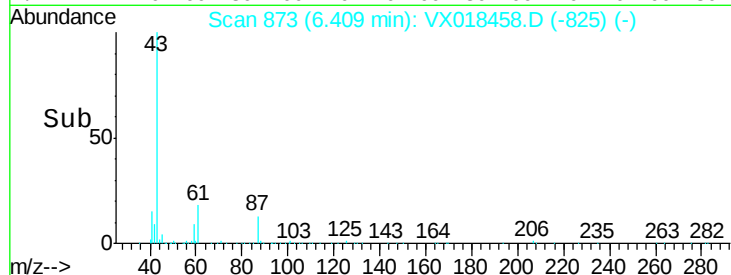
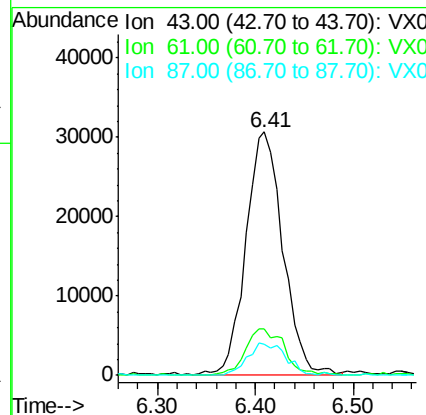
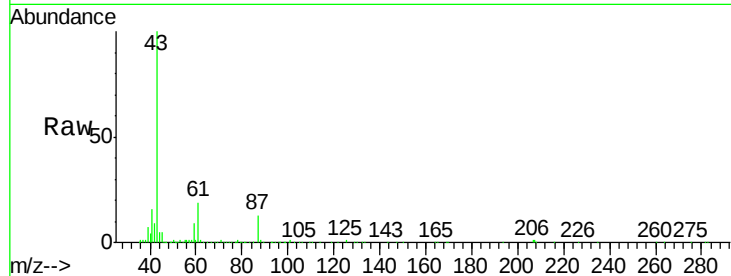
Isopropyl Acetate
 Concen: 5.016 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
61	61	20.7	15.7	23.5
87	87	13.8	10.4	15.6

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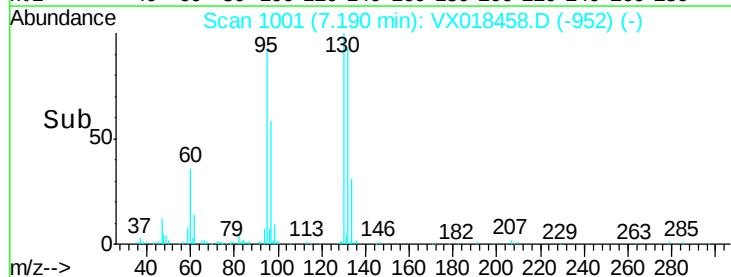
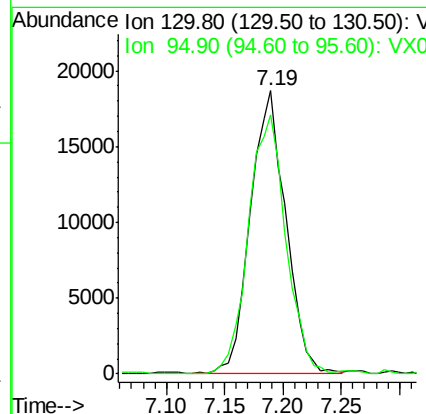
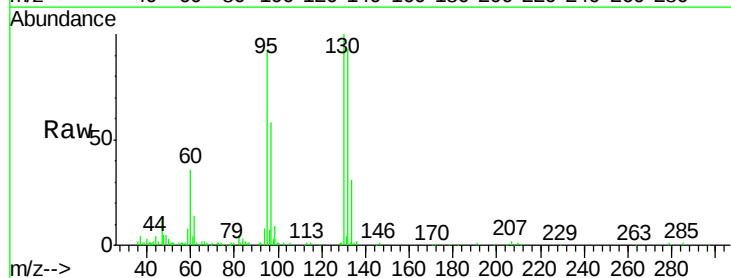
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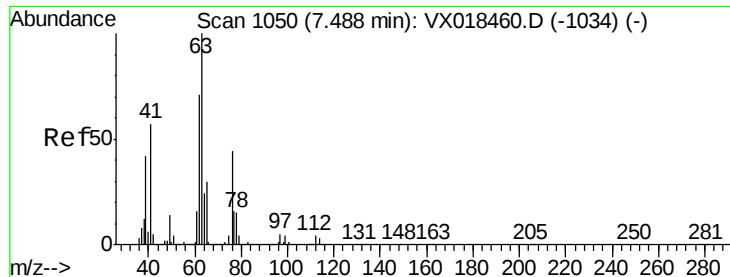


#44

Trichloroethene
 Concen: 5.526 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion	Ion	Ratio	Lower	Upper
130	130	100		
95	95	90.9	0.0	197.4





#45

1,2-Dichloropropane

Concen: 5.269 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 63 Resp: 35451

Ion Ratio Lower Upper

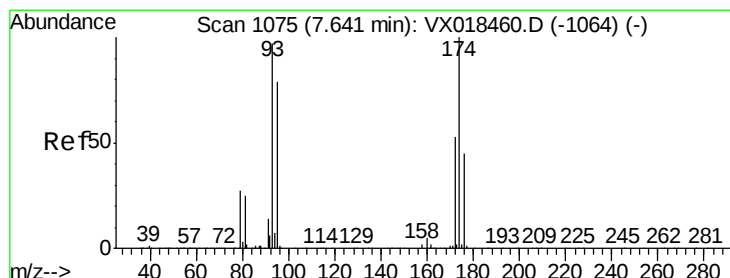
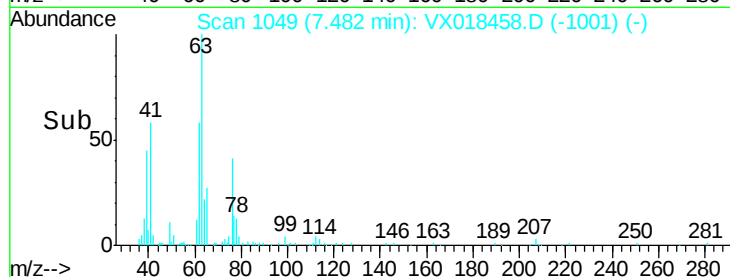
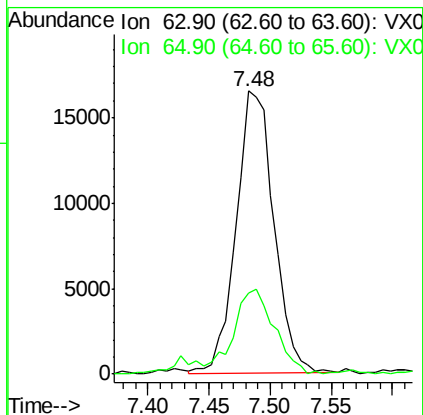
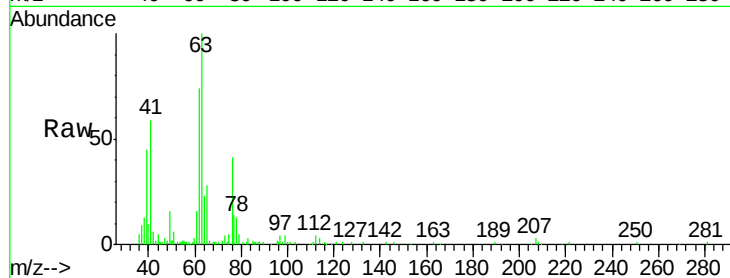
63 100

65 28.0 24.1 36.1

Manual Integrations
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#46

Dibromomethane

Concen: 4.969 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

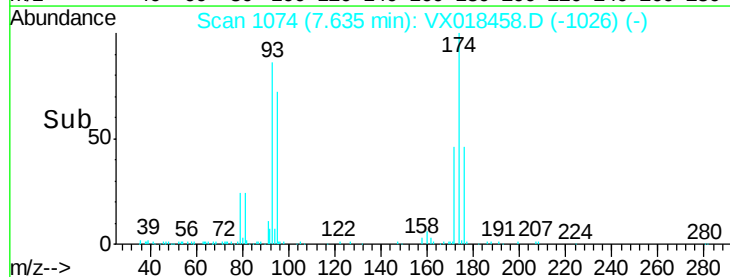
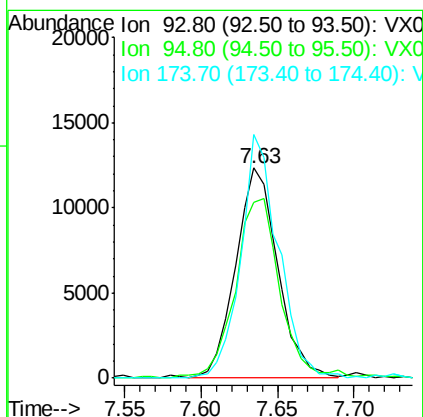
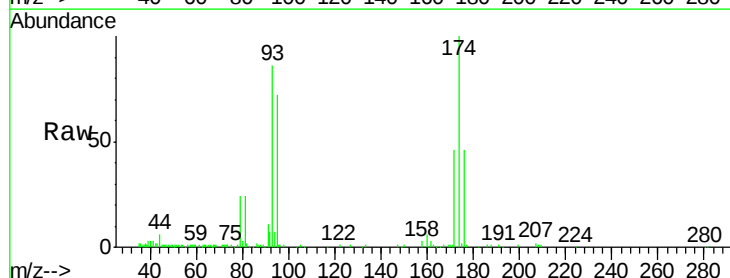
Tgt Ion: 93 Resp: 23622

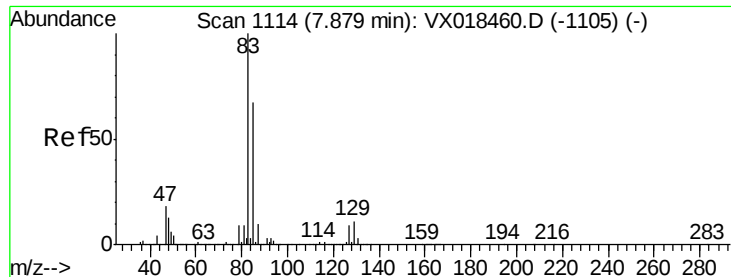
Ion Ratio Lower Upper

93 100

95 90.2 65.0 97.4

174 103.6 82.0 123.0





#47

Bromodichloromethane

Concen: 5.335 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

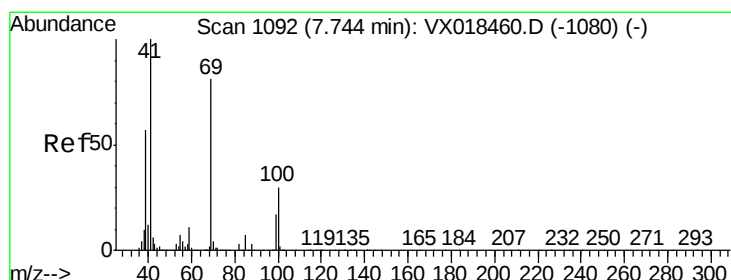
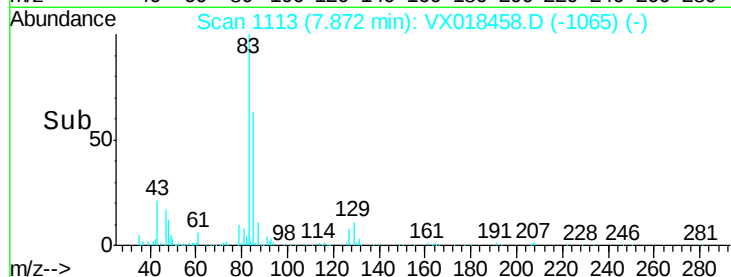
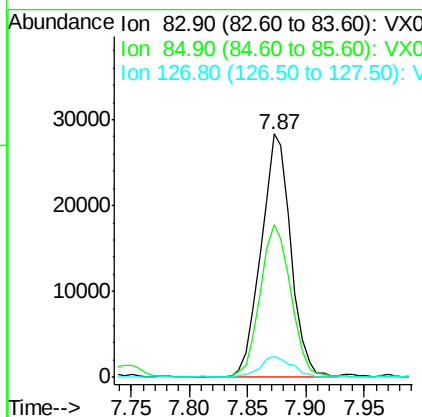
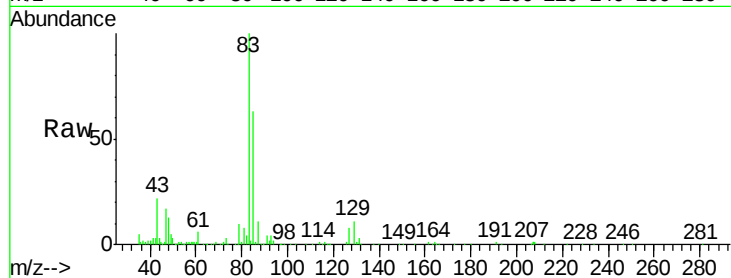
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	50505
Ion	Ratio	Lower	Upper
83	100		
85	62.7	53.3	79.9
127	8.3	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 4.753 ug/l

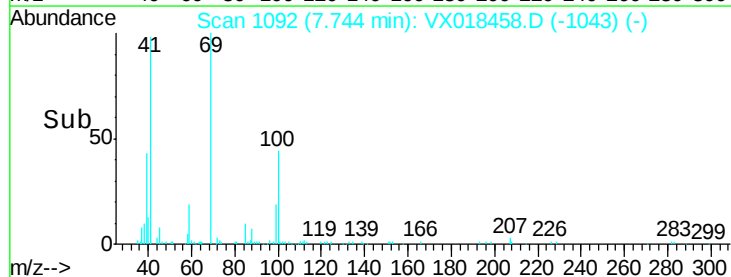
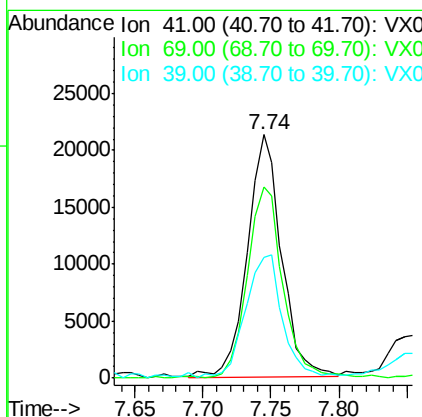
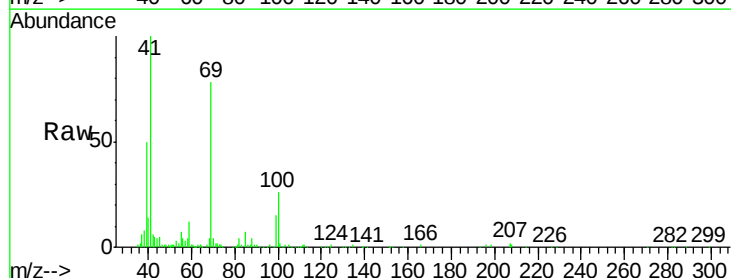
RT: 7.74 min Scan# 1092

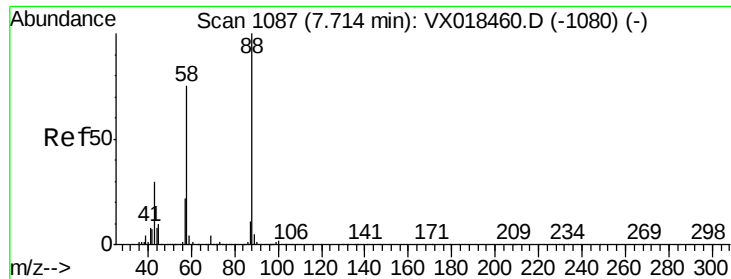
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	41	Resp:	37646
Ion	Ratio	Lower	Upper
41	100		
69	80.8	63.7	95.5
39	55.9	45.0	67.4





#49

1,4-Dioxane

Concen: 93.854 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

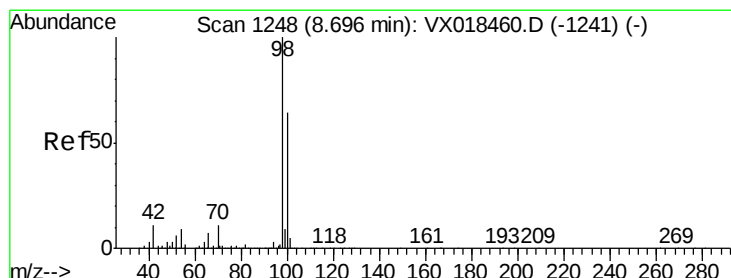
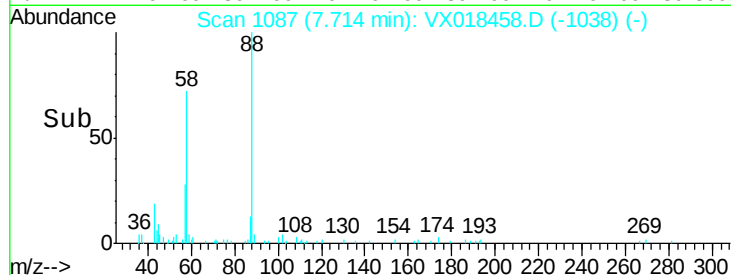
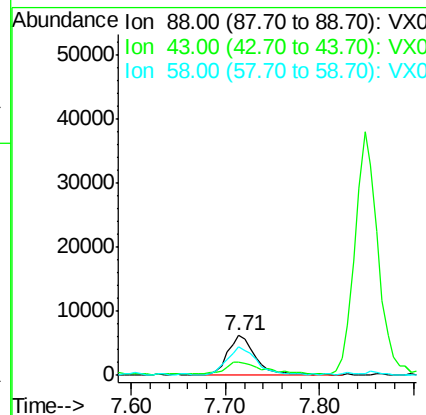
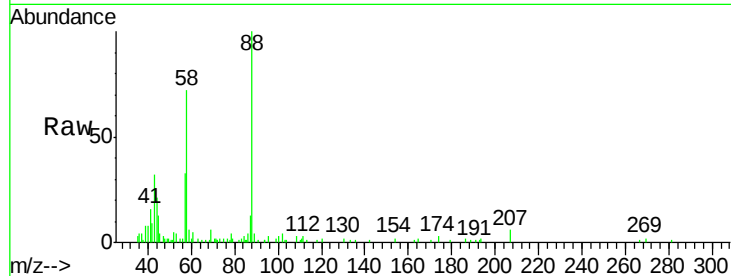
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	13018
Ion	Ratio	Lower	Upper
88	100		
43	34.2	29.9	44.9
58	76.2	59.0	88.6

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#50

Toluene-d8

Concen: 5.210 ug/l

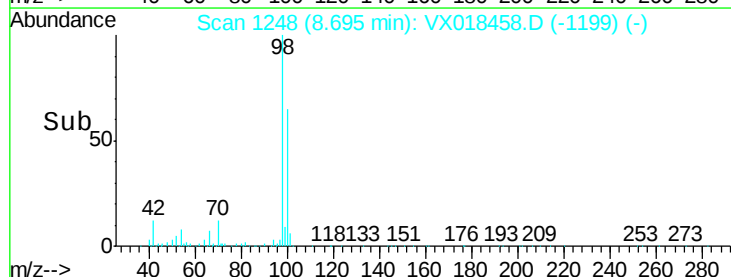
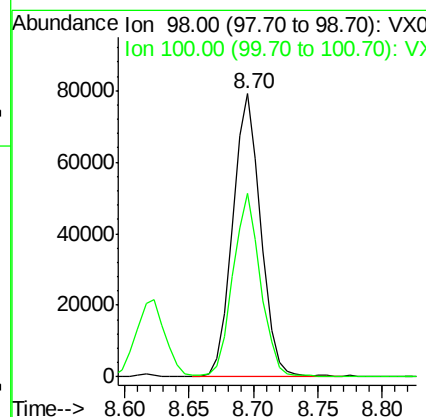
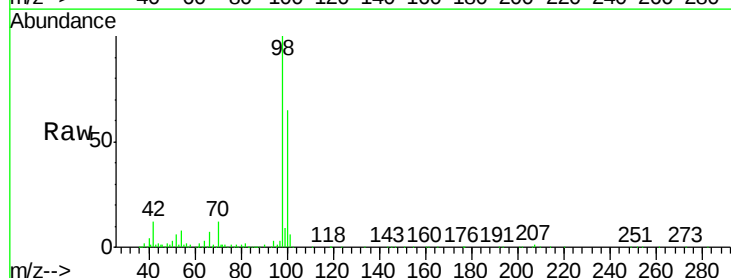
RT: 8.70 min Scan# 1248

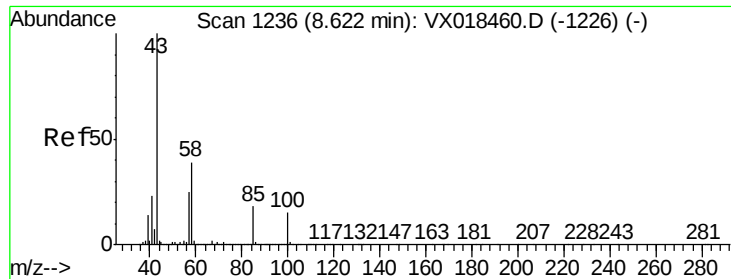
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	98	Resp:	120710
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 23.904 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 233613

Ion Ratio Lower Upper

43 100

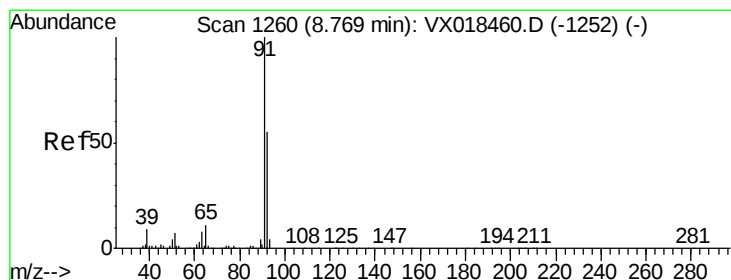
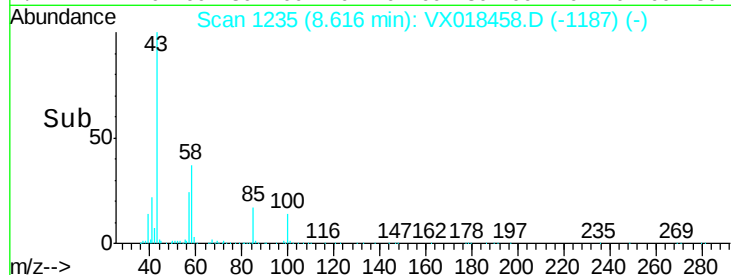
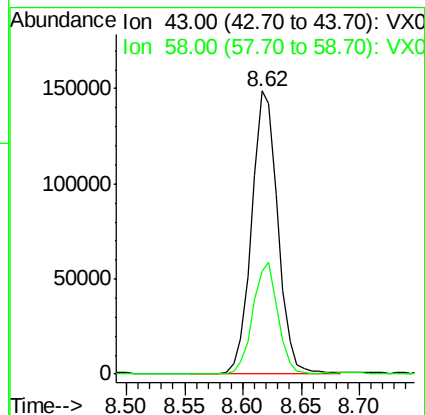
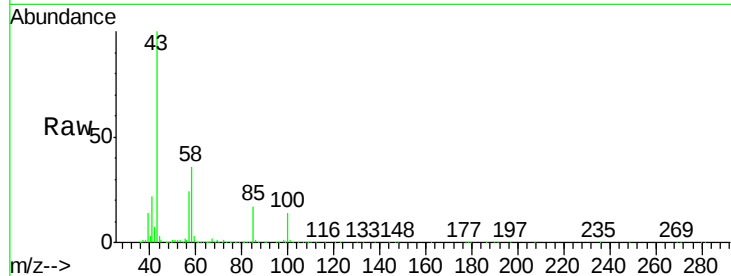
58 37.3 30.9 46.3

Manual Integrations

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#52

Toluene

Concen: 5.309 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018458.D

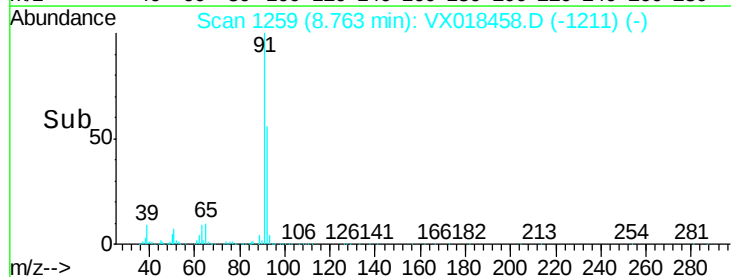
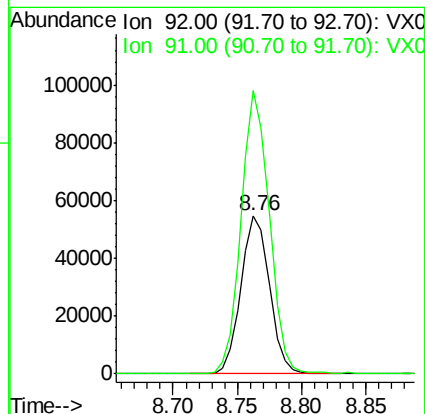
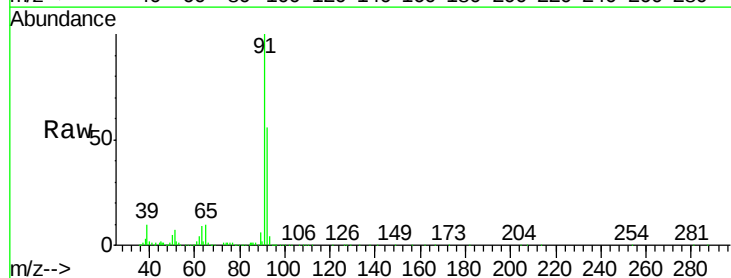
Acq: 17 Sep 2020 10:21

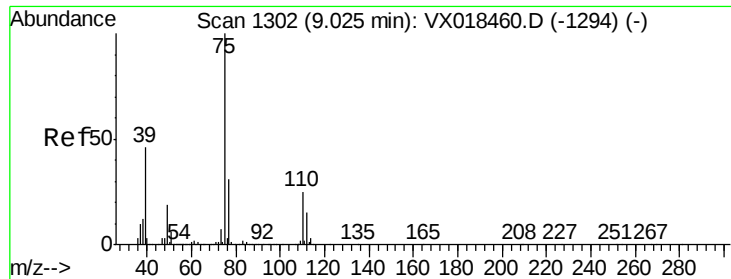
Tgt Ion: 92 Resp: 84011

Ion Ratio Lower Upper

92 100

91 177.1 140.6 210.8





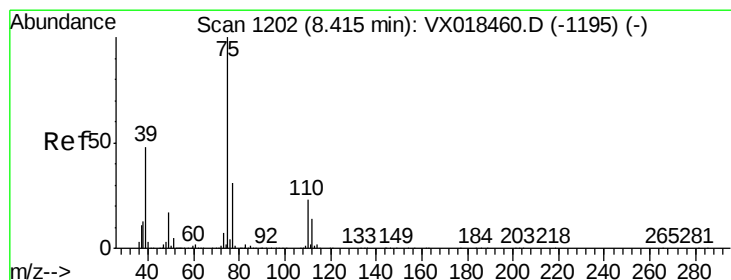
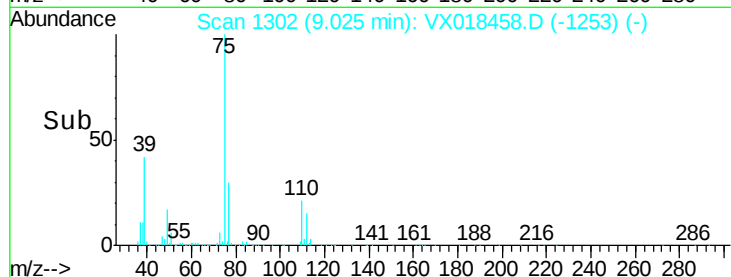
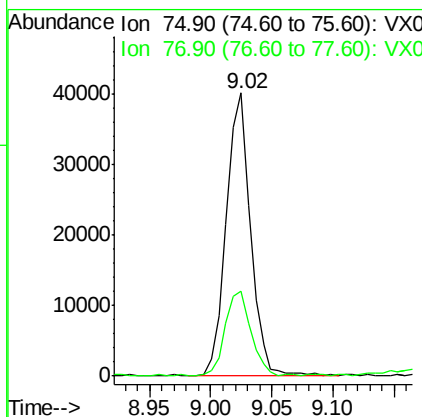
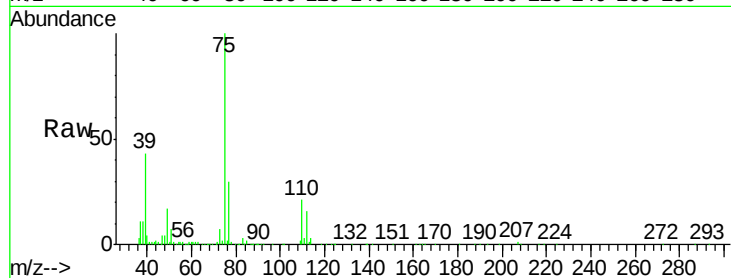
#53
t-1,3-Dichloropropene
Concen: 5.287 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	25.1	37.7

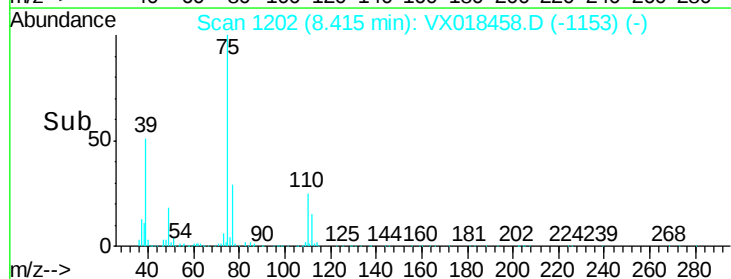
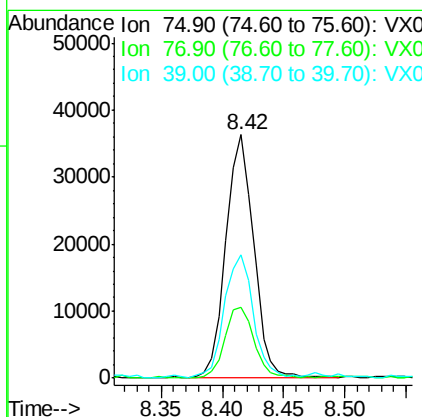
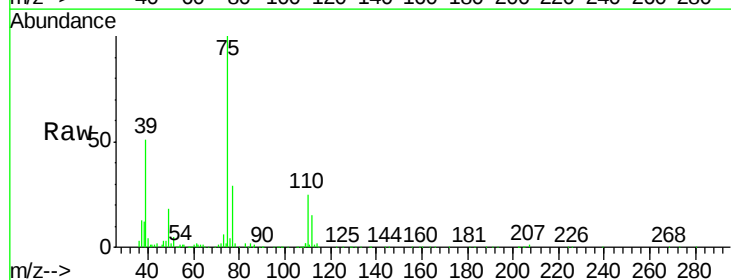
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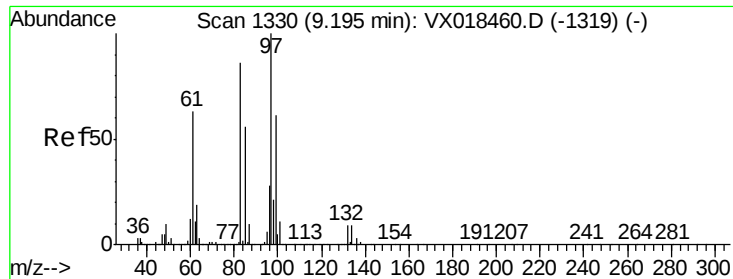
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#54
cis-1,3-Dichloropropene
Concen: 5.120 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
77	28.9	24.8	37.2
39	50.4	38.6	58.0





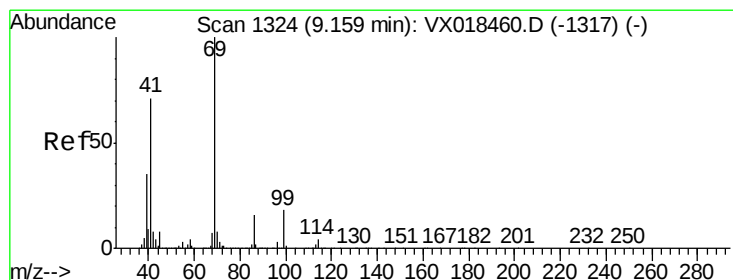
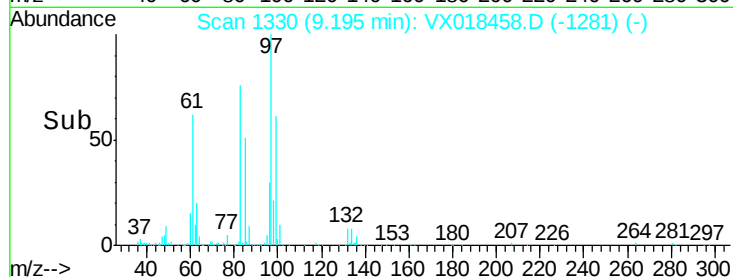
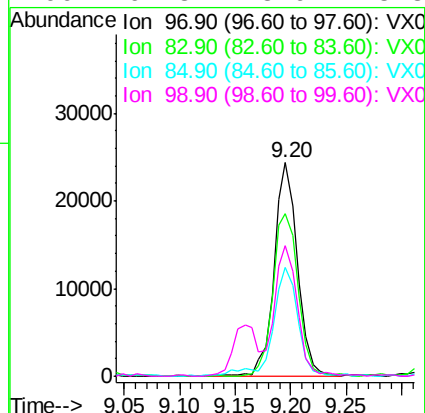
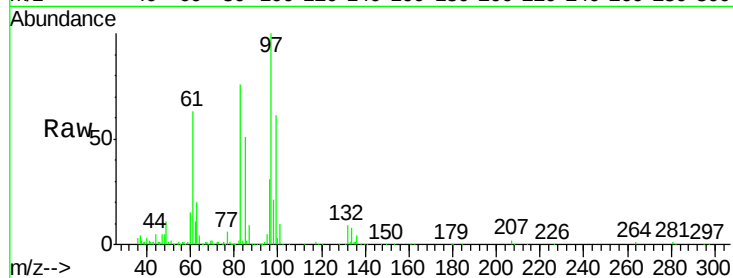
#55
 1,1,2-Trichloroethane
 Concen: 5.284 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	35589
Ion	Ratio	Lower	Upper
97	100		
83	76.0	68.5	102.7
85	50.7	44.8	67.2
99	61.3	48.9	73.3

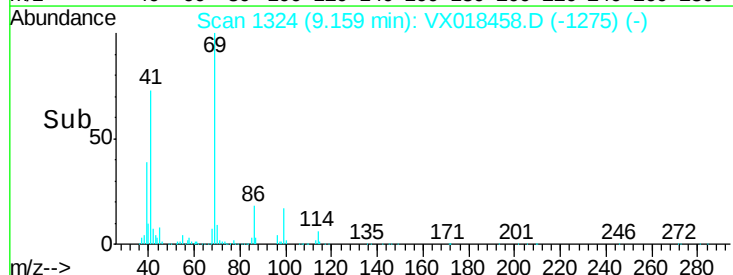
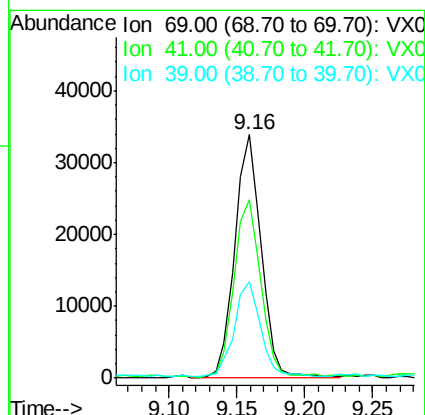
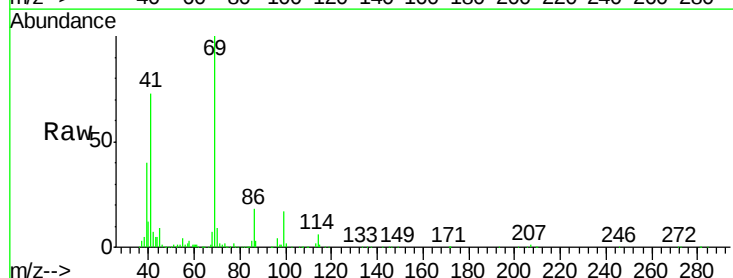
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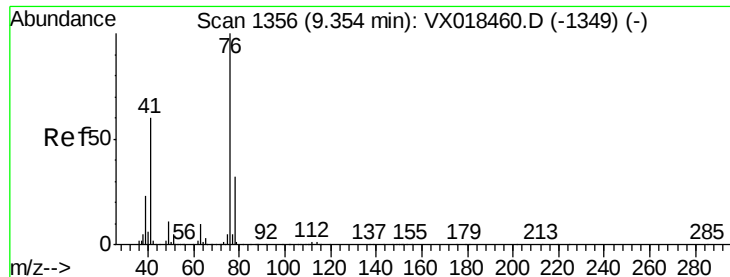
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#56
 Ethyl methacrylate
 Concen: 4.599 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion:	69	Resp:	46134
Ion	Ratio	Lower	Upper
69	100		
41	74.2	54.6	81.8
39	39.4	29.3	43.9





#57

1,3-Dichloropropane

Concen: 5.191 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 57752

Ion Ratio Lower Upper

76 100

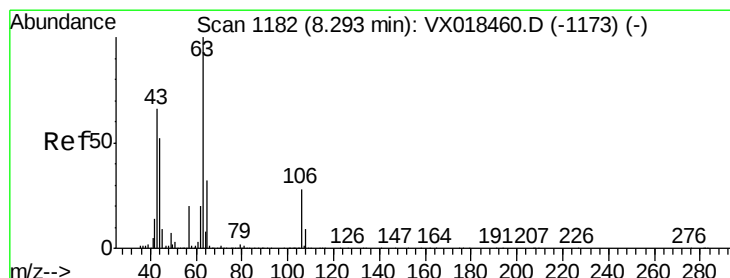
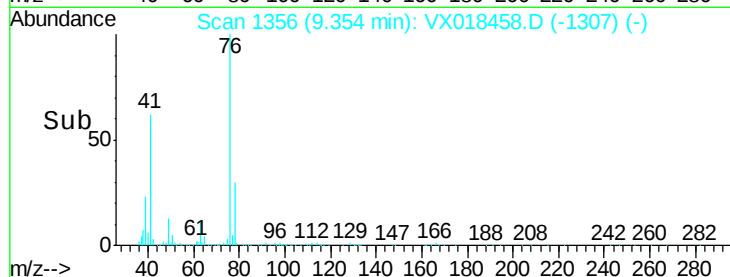
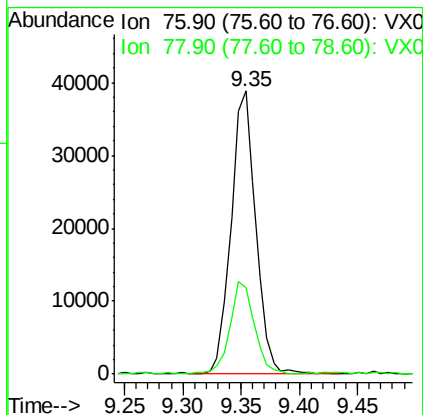
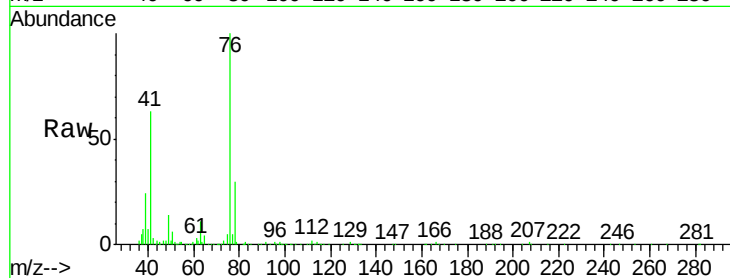
78 32.6 25.6 38.4

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 28.964 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018458.D

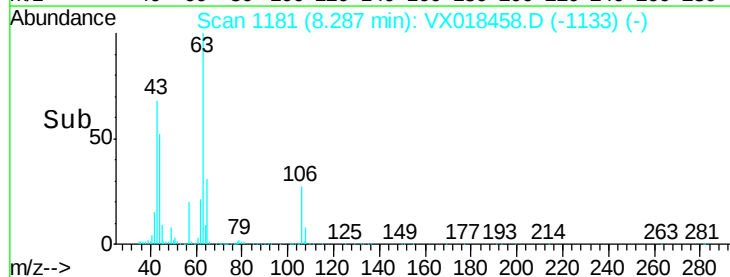
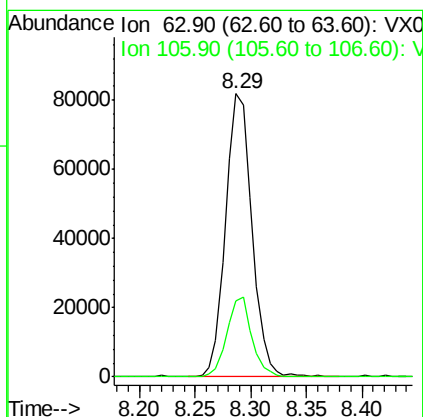
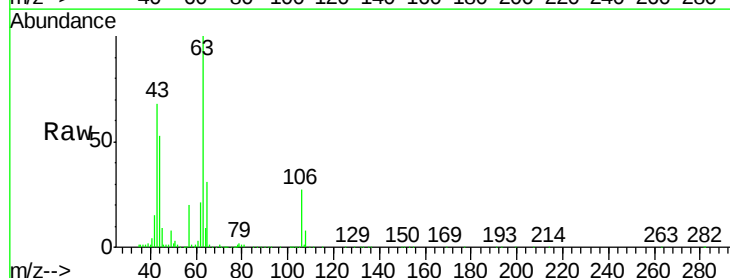
Acq: 17 Sep 2020 10:21

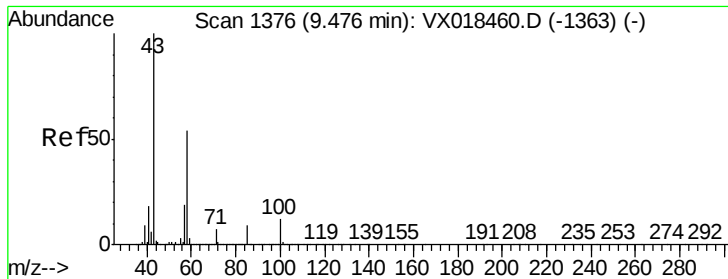
Tgt Ion: 63 Resp: 134966

Ion Ratio Lower Upper

63 100

106 26.7 22.2 33.2





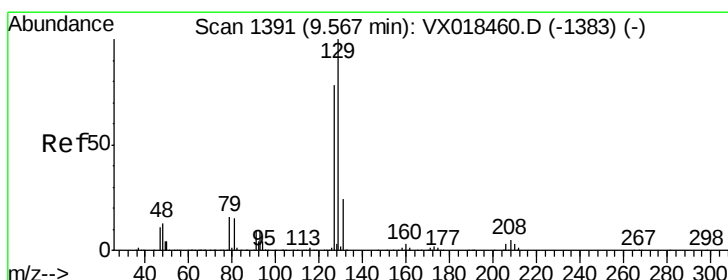
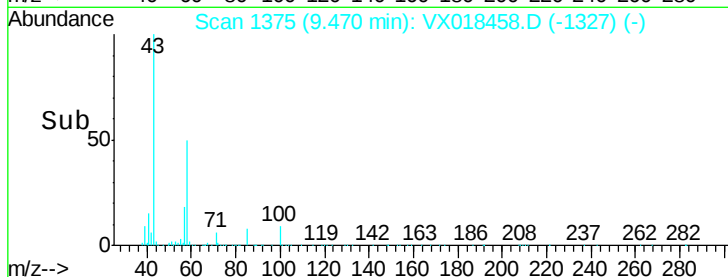
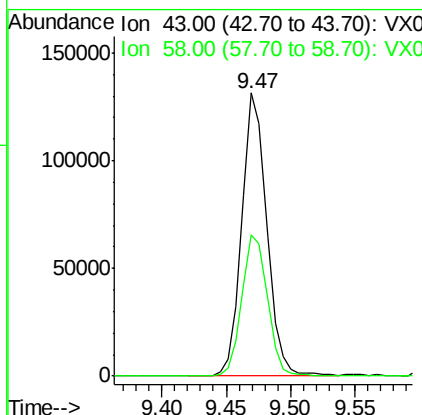
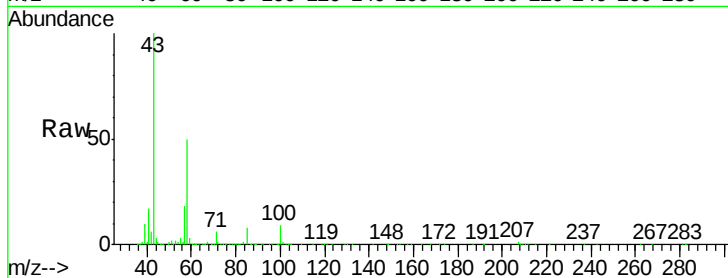
#59
2-Hexanone
Concen: 23.631 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	26.5	79.4

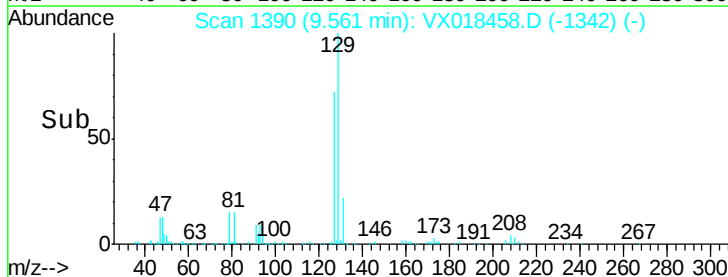
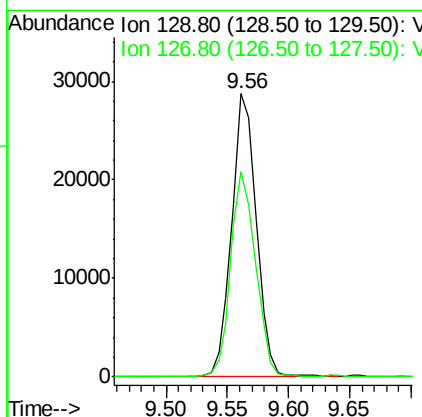
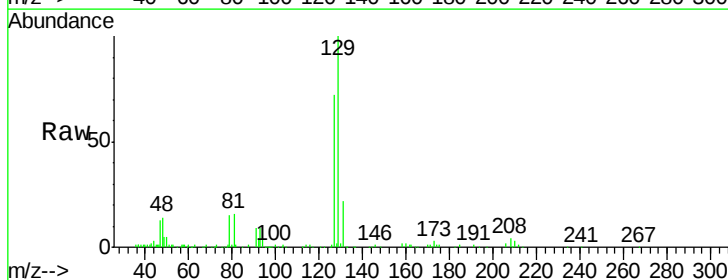
Manual Integrations
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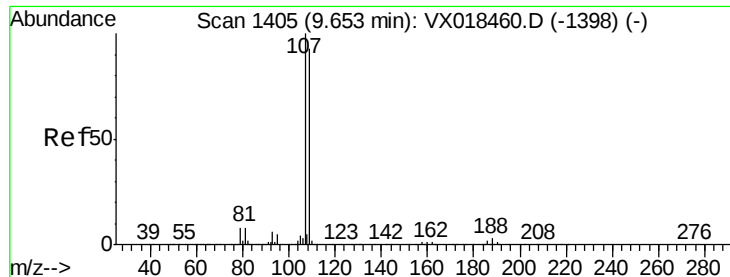
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#60
Dibromochloromethane
Concen: 5.065 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
129	100		
127	72.8	39.0	117.0





#61

1,2-Dibromoethane

Concen: 4.696 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:107 Resp: 34323

Ion Ratio Lower Upper

107 100

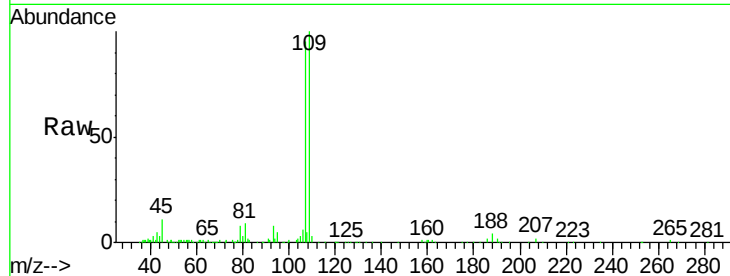
109 104.4 75.9 113.9

Manual Integrations

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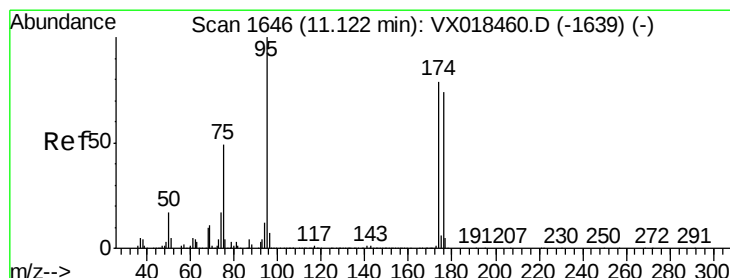
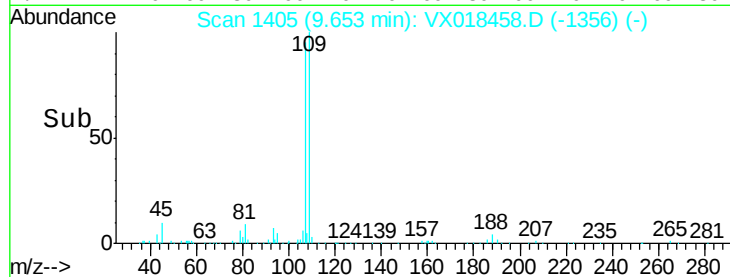
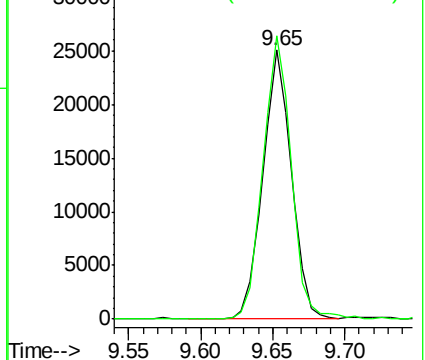
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.181 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

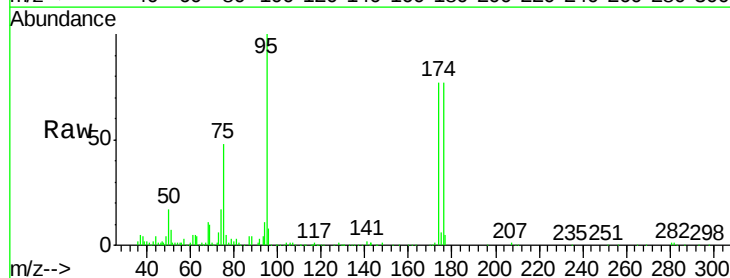
Tgt Ion: 95 Resp: 47240

Ion Ratio Lower Upper

95 100

174 77.4 0.0 161.4

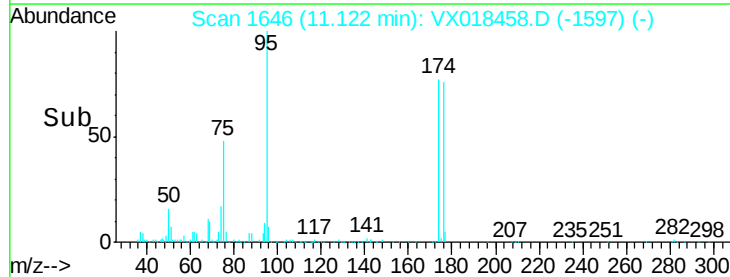
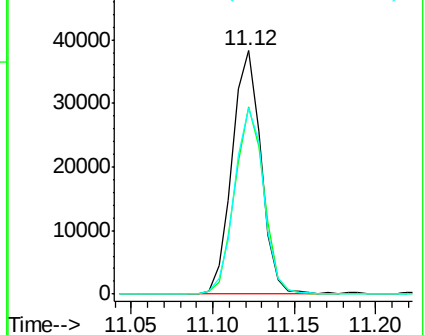
176 77.6 0.0 151.4

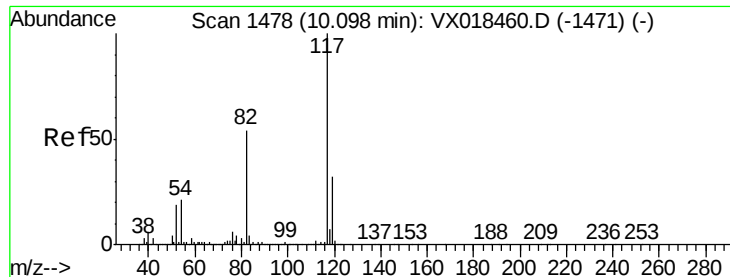


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





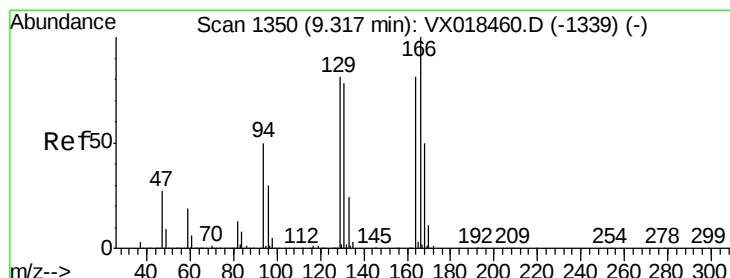
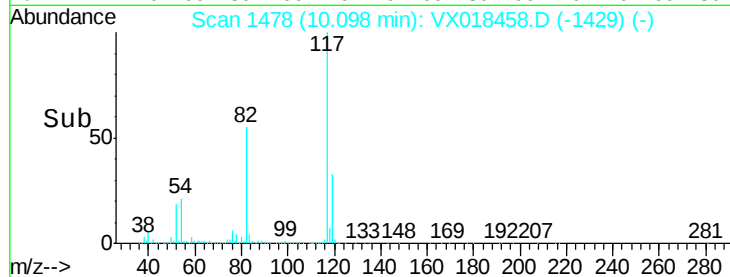
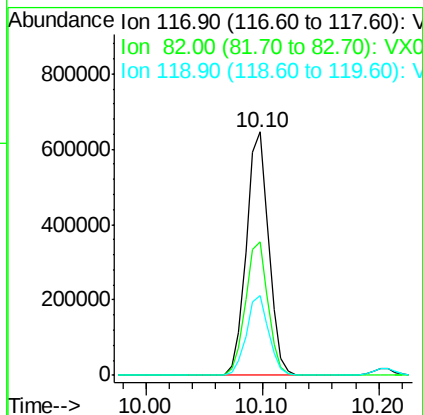
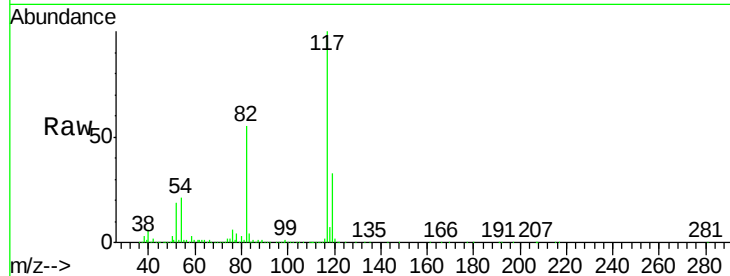
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	865851		
82	54.8		43.3	64.9
119	33.0		25.9	38.9

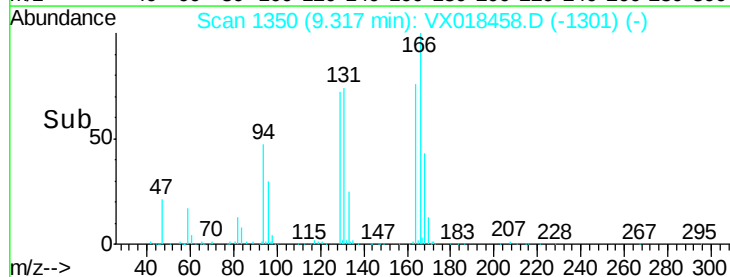
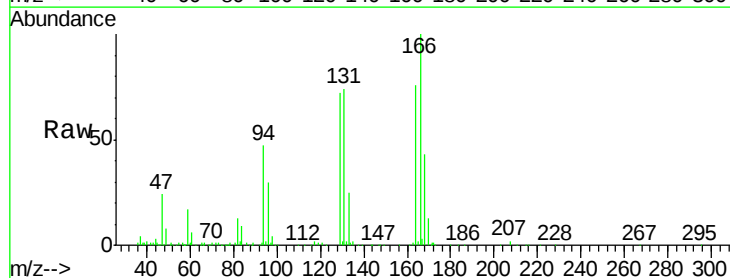
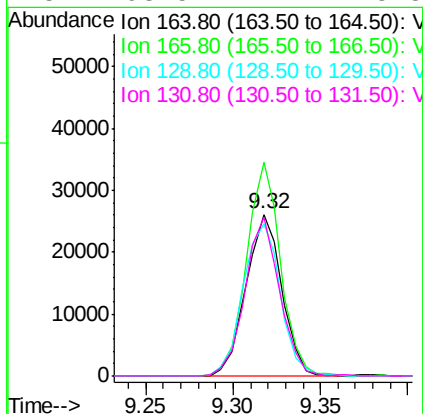
Manual Integrations
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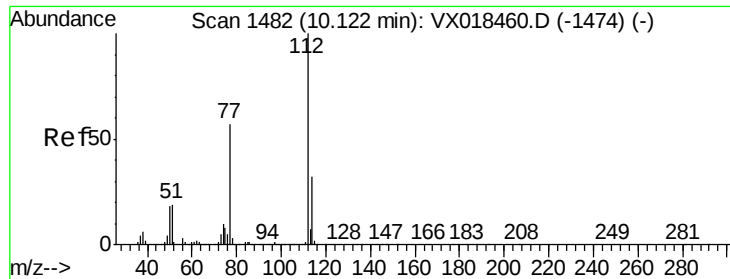
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#64
Tetrachloroethene
Concen: 5.797 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	37065		
166	132.3		99.3	148.9
129	94.6		80.7	121.1
131	98.5		77.2	115.8





#65

Chlorobenzene

Concen: 5.301 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:112 Resp: 91859

Ion Ratio Lower Upper

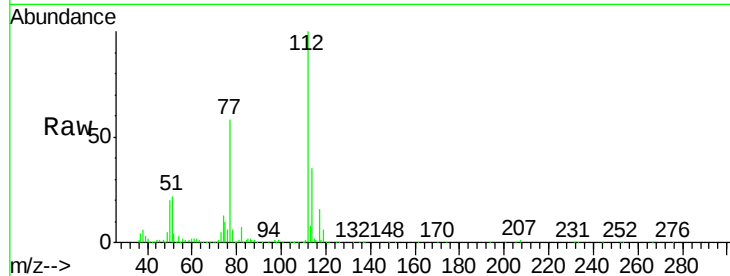
112 100

114 35.0 25.4 38.0

Manual Integrations
APPROVED

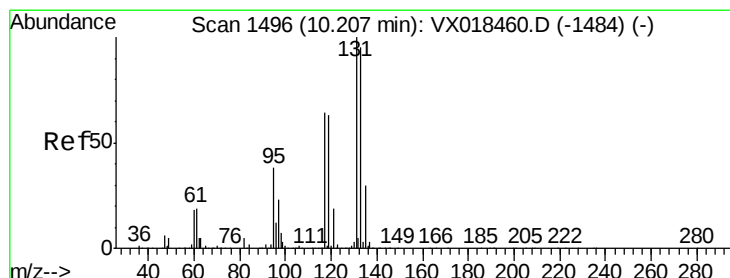
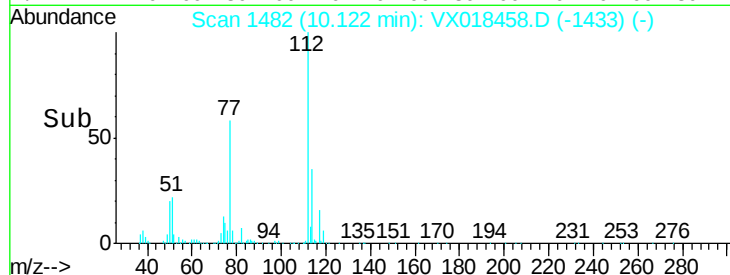
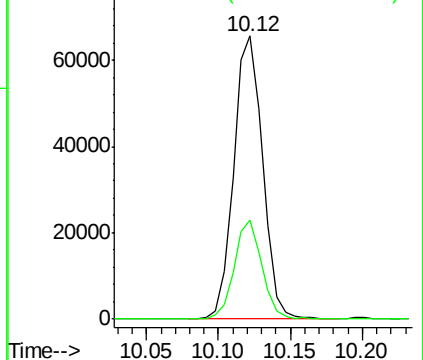
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.362 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

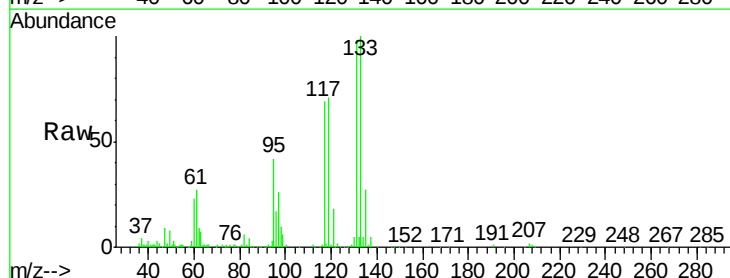
Tgt Ion:131 Resp: 36696

Ion Ratio Lower Upper

131 100

133 96.5 47.8 143.4

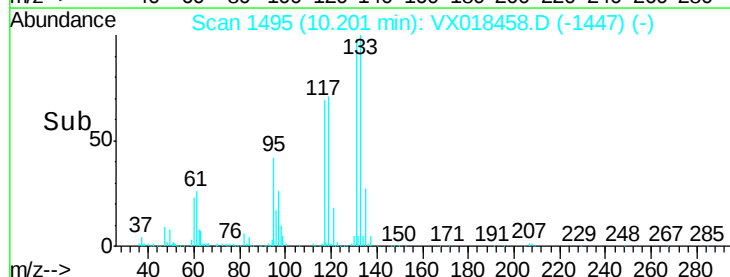
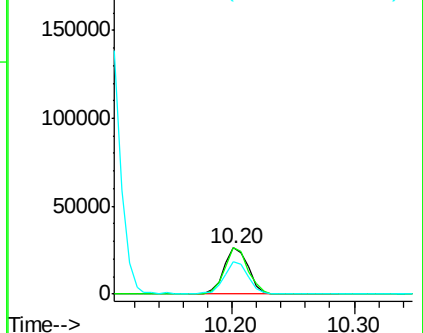
119 70.3 31.9 95.7

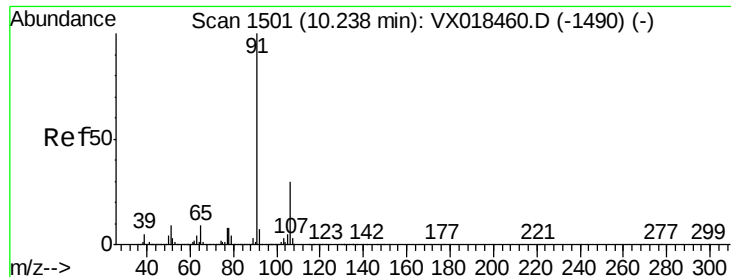


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.356 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 158351

Ion Ratio Lower Upper

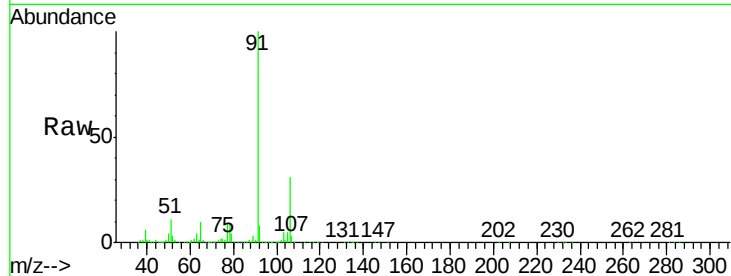
91 100

106 31.4 24.1 36.1

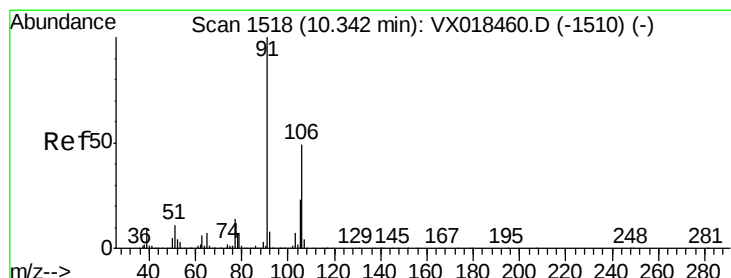
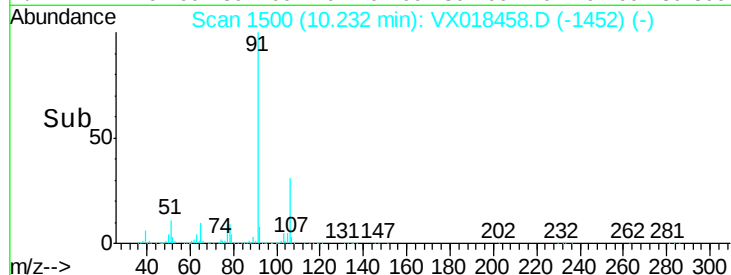
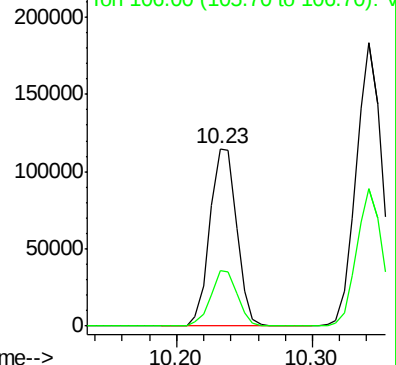
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX018460.D (-1490) (-)



#68

m/p-Xylenes

Concen: 10.669 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018458.D

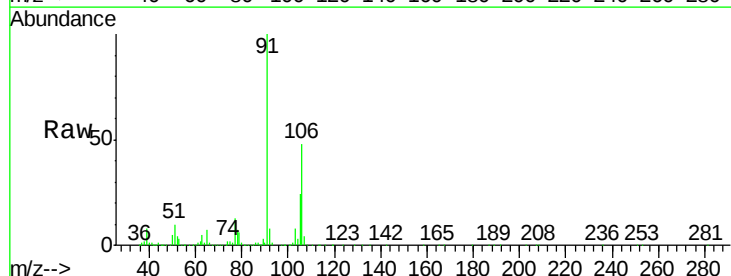
Acq: 17 Sep 2020 10:21

Tgt Ion: 106 Resp: 117332

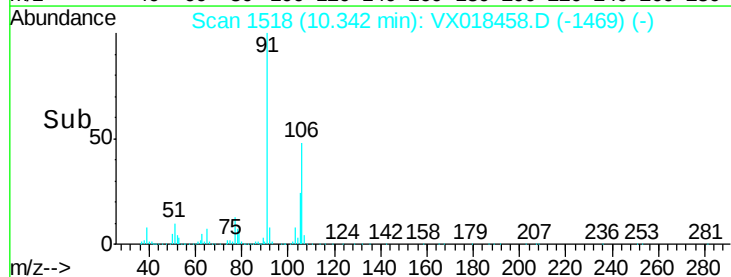
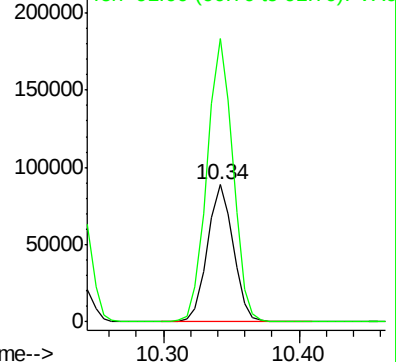
Ion Ratio Lower Upper

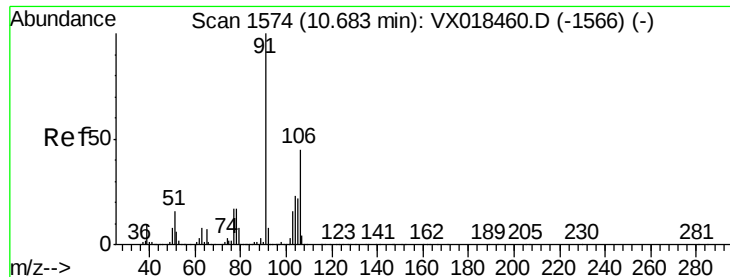
106 100

91 207.5 163.8 245.6



Abundance Ion 106.00 (105.70 to 106.70): VX018460.D (-1510) (-)





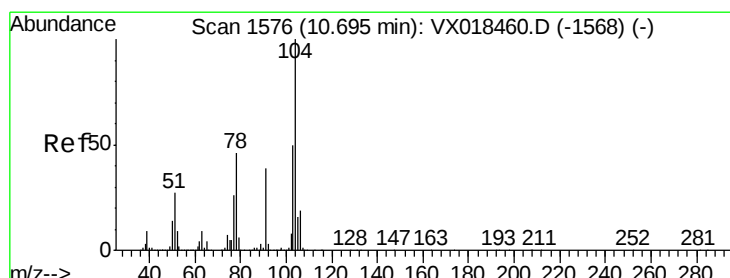
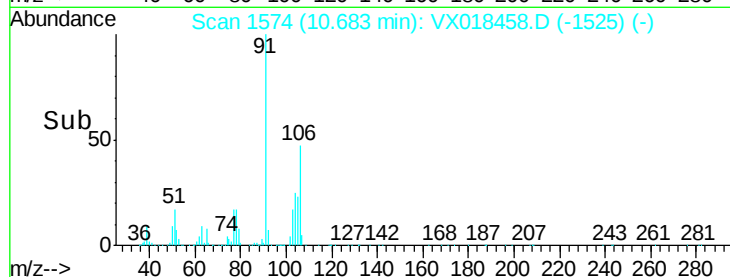
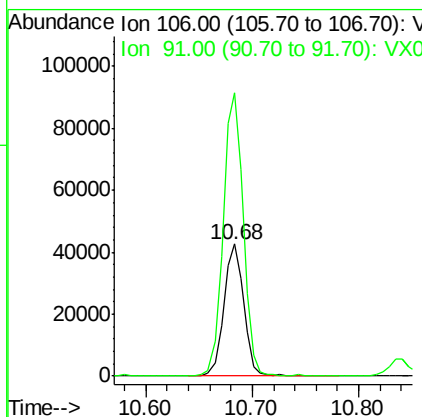
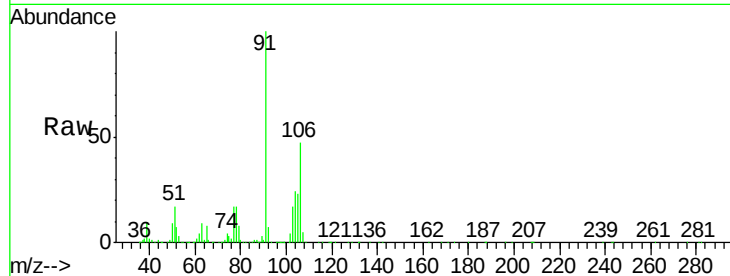
#69
o-Xylene
Concen: 5.228 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		55855		
91	213.9	109.7	329.0		

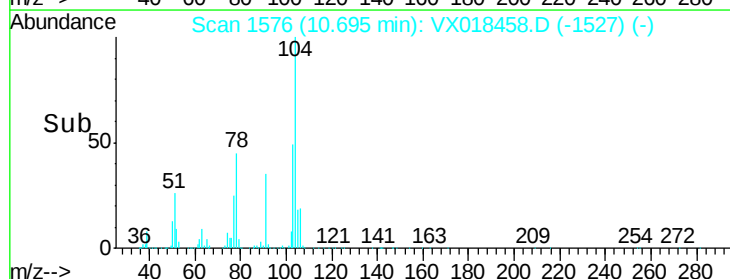
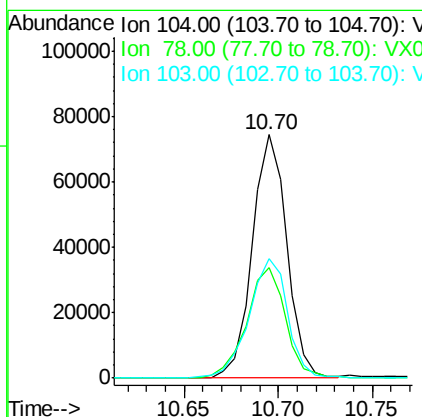
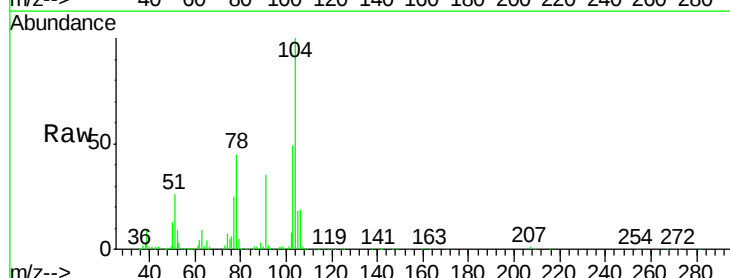
Manual Integrations
APPROVED

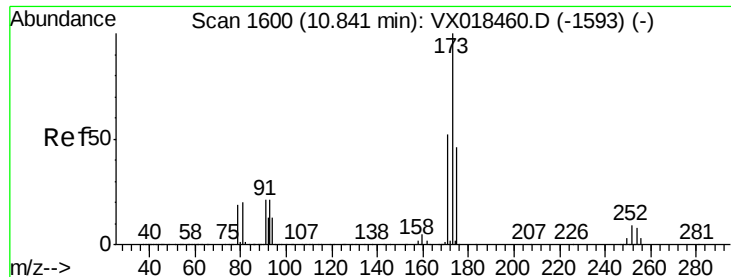
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#70
Styrene
Concen: 5.188 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		94670		
78	51.6	40.5	60.7		
103	55.3	43.2	64.8		





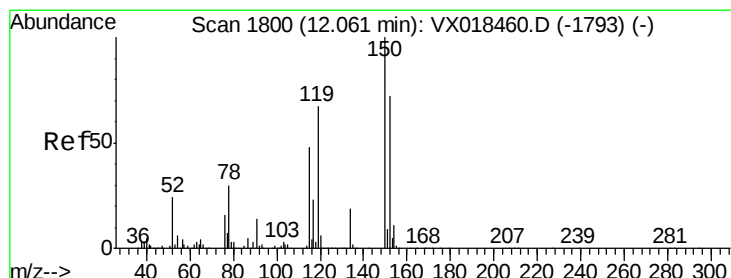
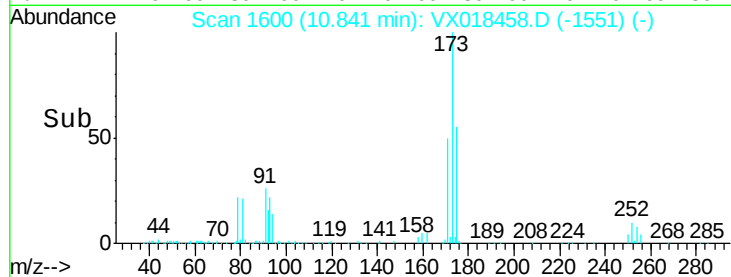
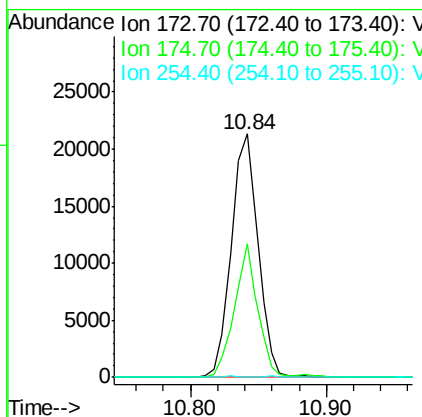
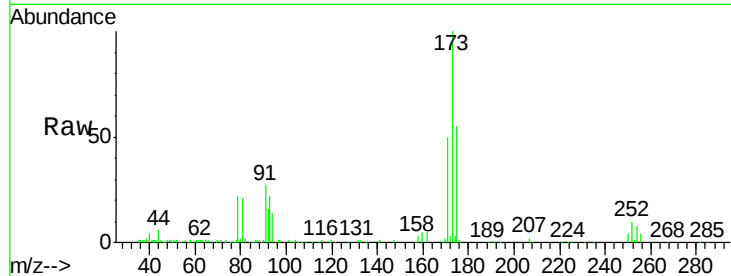
#71
Bromoform
Concen: 5.001 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.6	70.8
254	0.2	0.1	0.1#

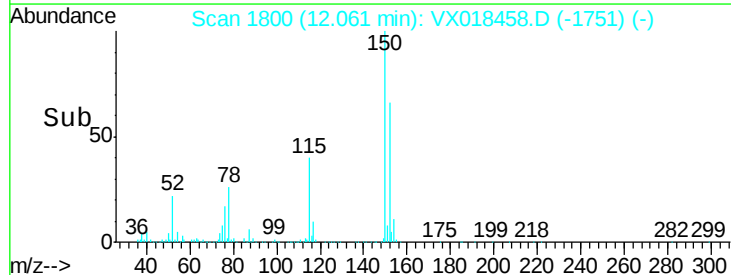
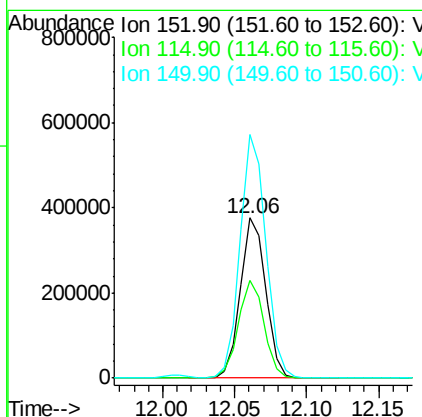
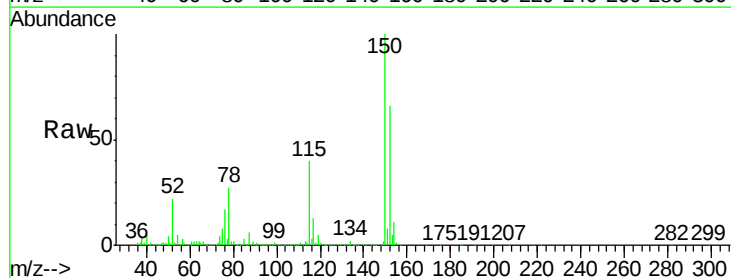
Manual Integrations
APPROVED

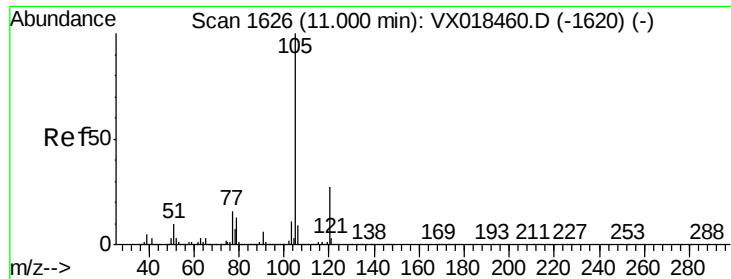
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	41.8	125.4
150	154.0	0.0	342.4





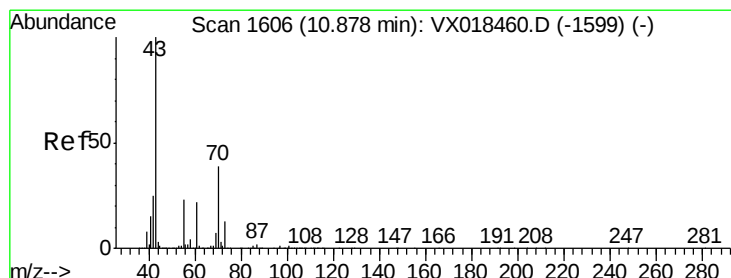
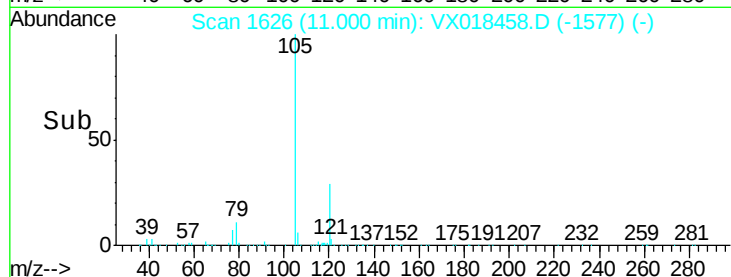
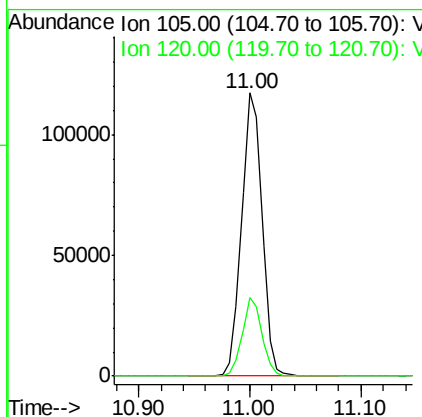
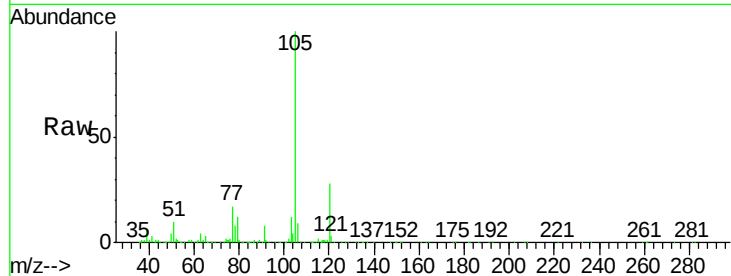
#73
Isopropylbenzene
Concen: 4.960 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.4	40.2

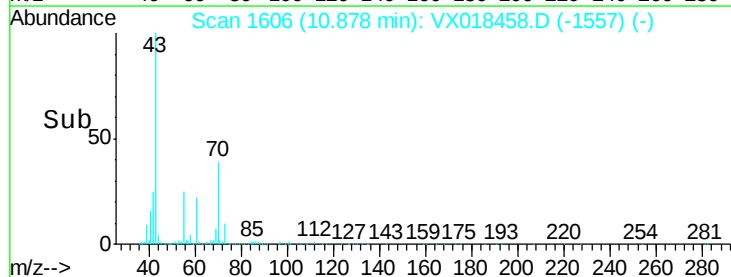
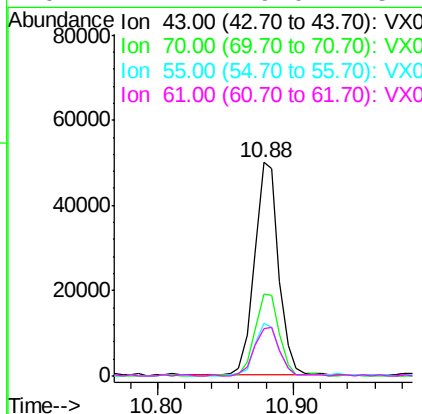
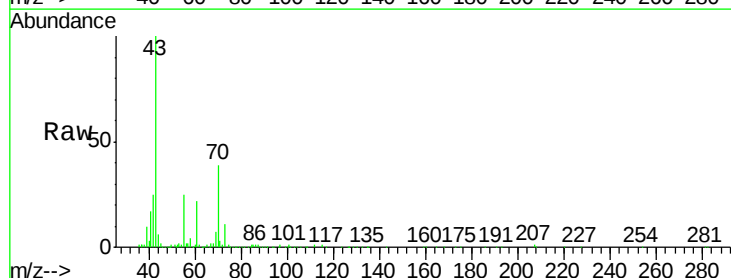
Manual Integrations
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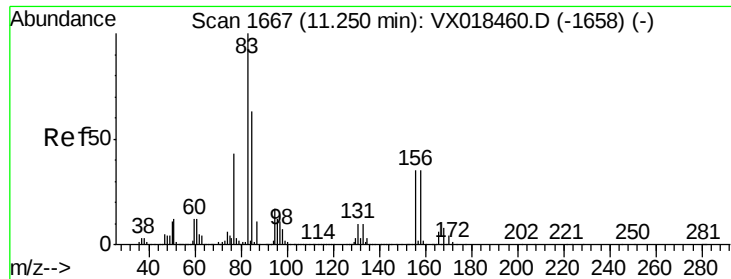
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#74
N-ethyl acetate
Concen: 4.401 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.8	32.2	48.4
55	24.7	18.8	28.2
61	24.2	19.0	28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 4.814 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

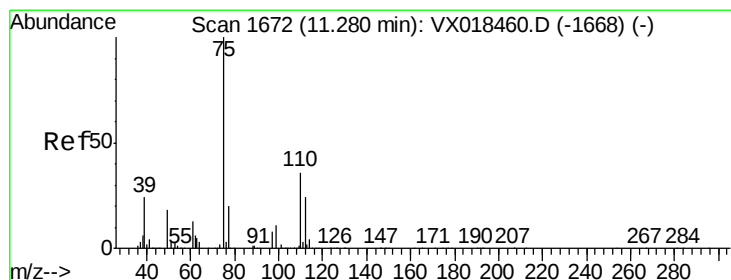
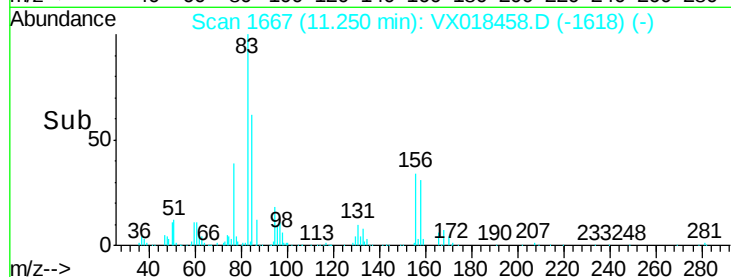
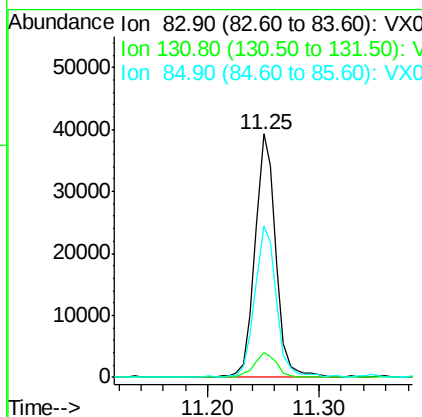
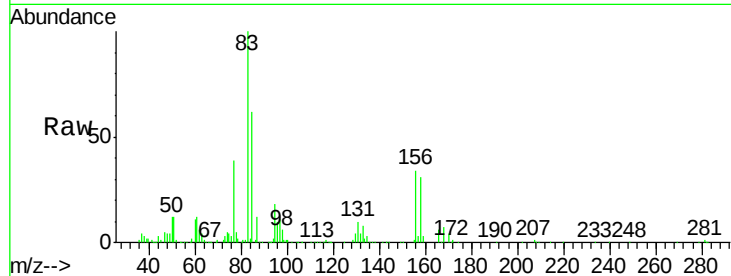
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	51217
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	65.0	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.901 ug/l m

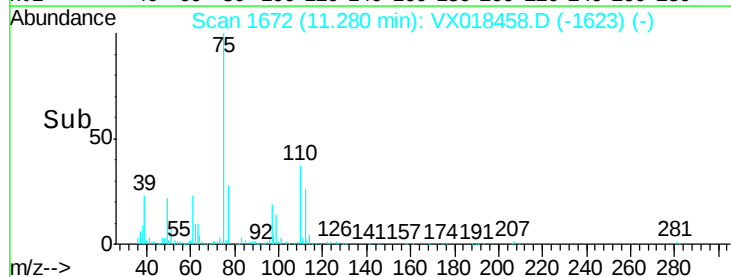
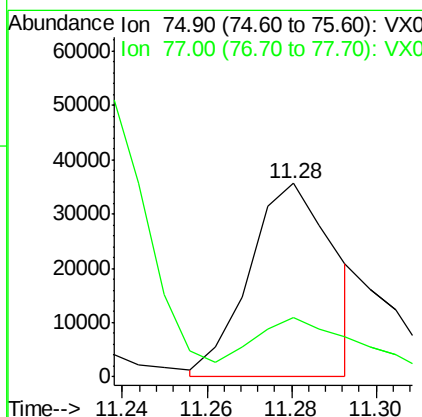
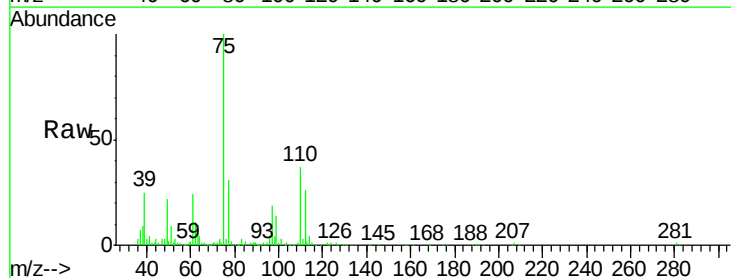
RT: 11.28 min Scan# 1672

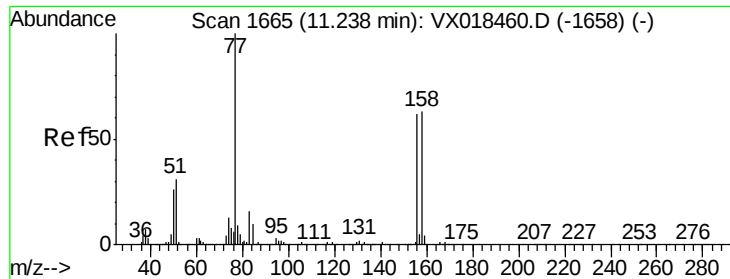
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion:	75	Resp:	49786
Ion Ratio	Lower	Upper	
75	100		
77	39.2	20.9	62.7





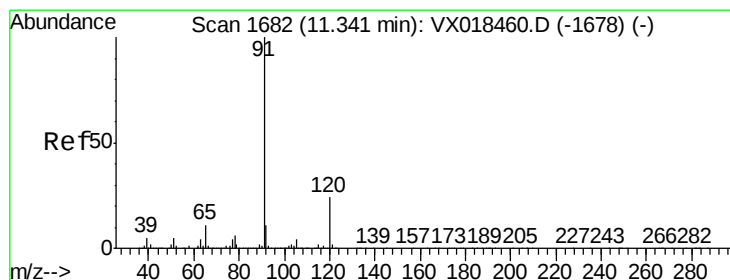
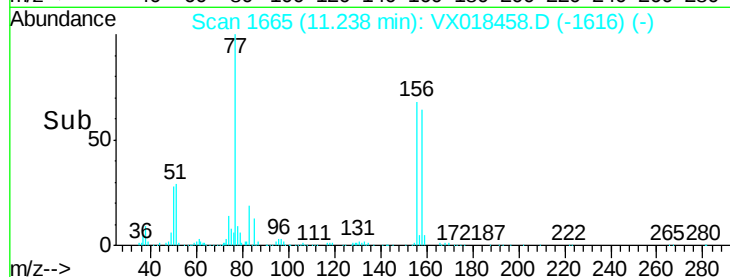
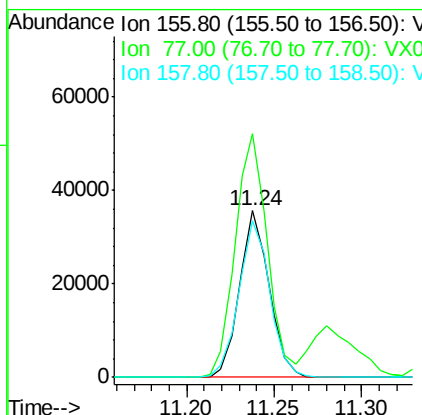
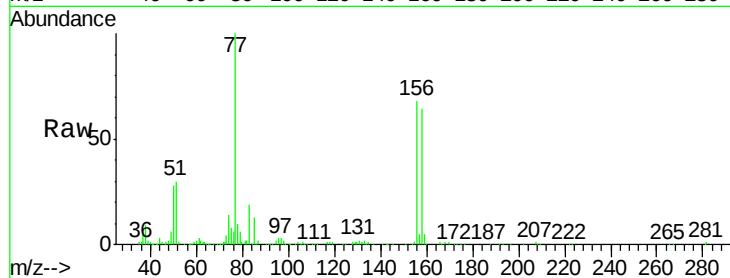
#77
Bromobenzene
Concen: 5.035 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.0	78.8	236.5
158	98.3	48.4	145.3

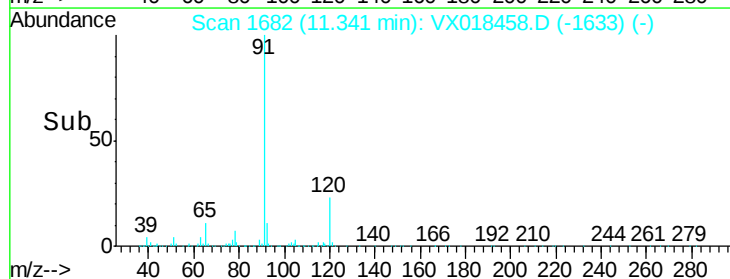
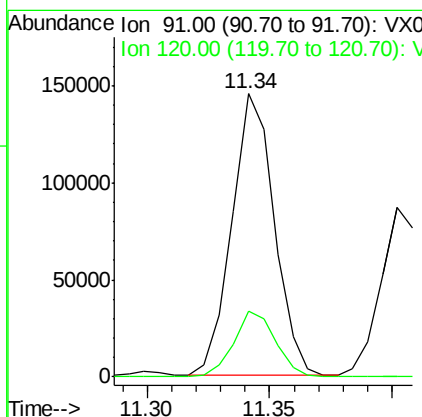
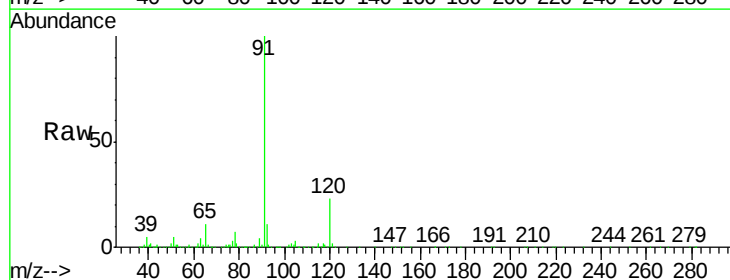
Manual Integrations
APPROVED

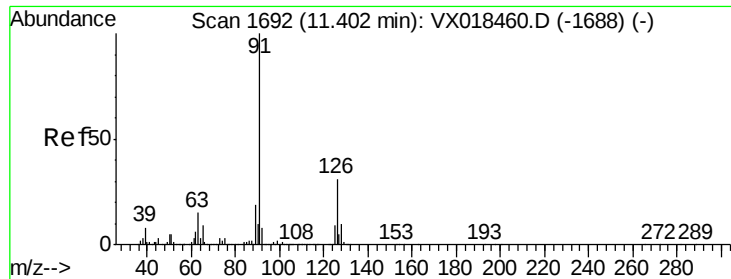
MMDadoda
9/18/2020 12:19:34 PM



#78
n-propylbenzene
Concen: 5.069 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.8	35.3





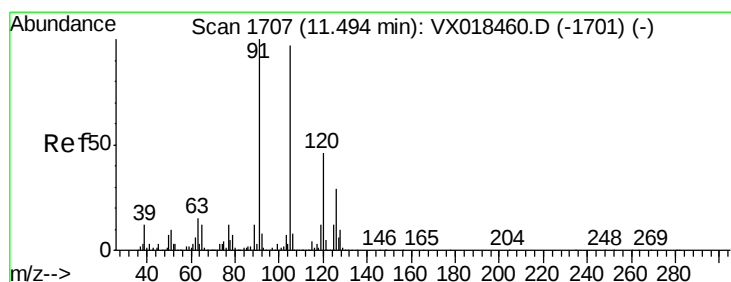
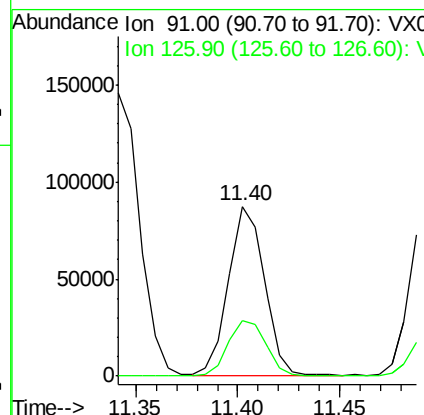
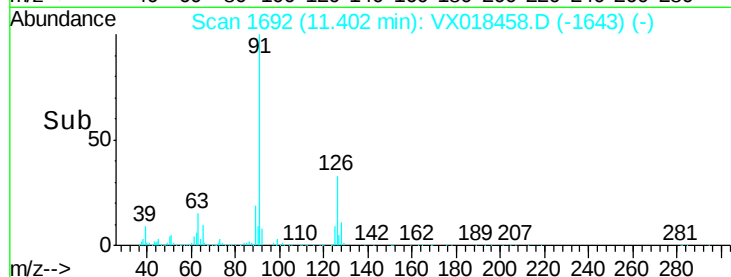
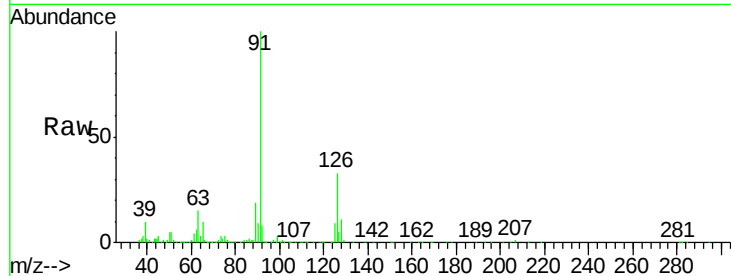
#79
2-Chlorotoluene
Concen: 5.018 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 106678
Ion Ratio Lower Upper
91 100
126 34.7 16.6 49.7

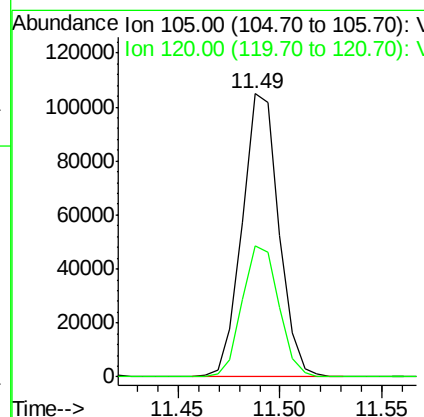
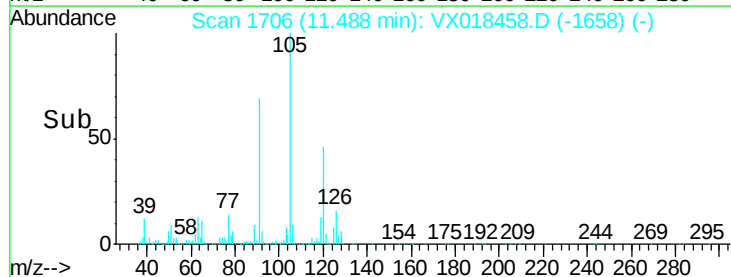
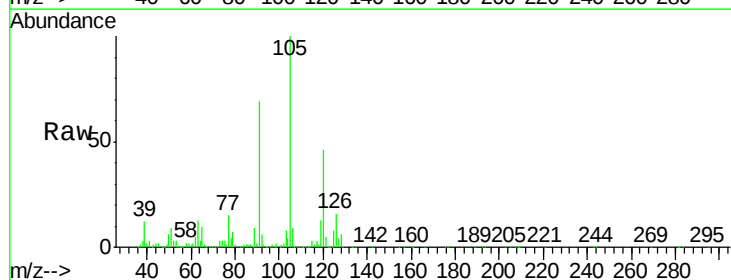
Manual Integrations
APPROVED

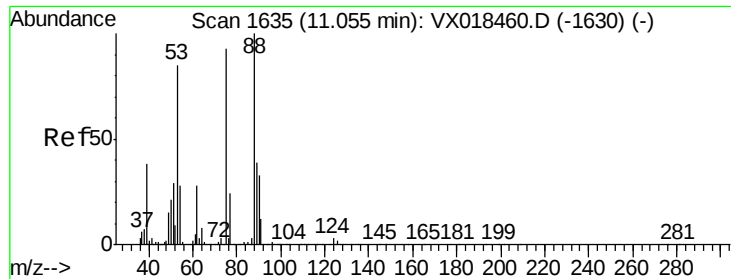
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 5.231 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion: 105 Resp: 130447
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0





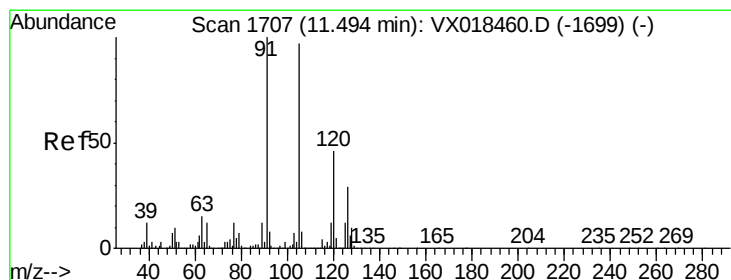
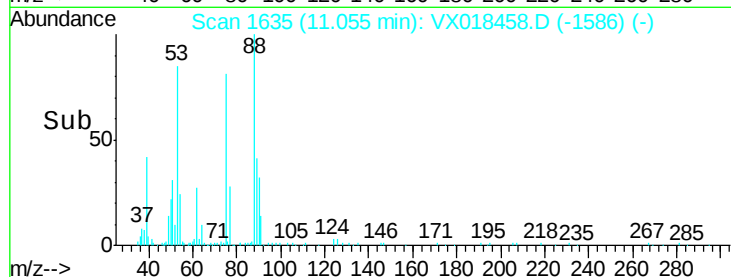
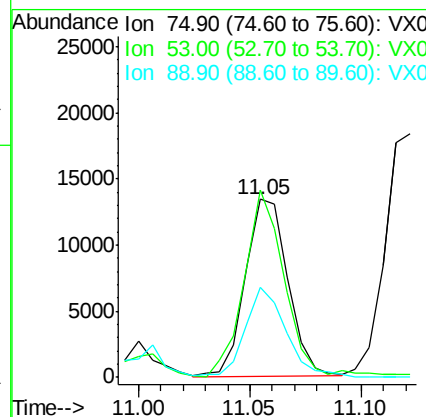
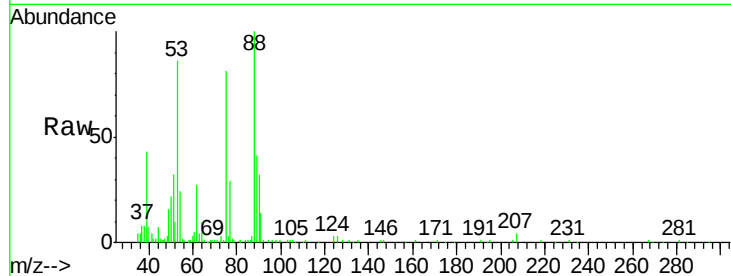
#81
trans-1,4-Dichloro-2-butene
Concen: 4.689 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.2	74.6	111.8
89	49.2	36.2	54.4

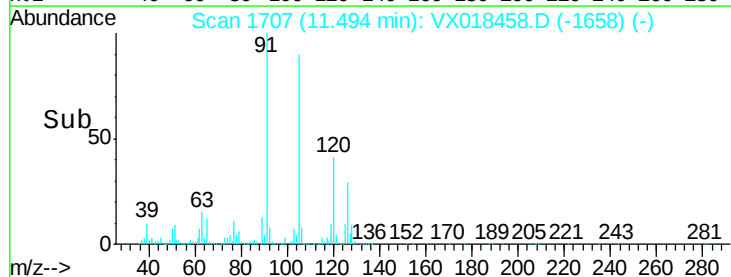
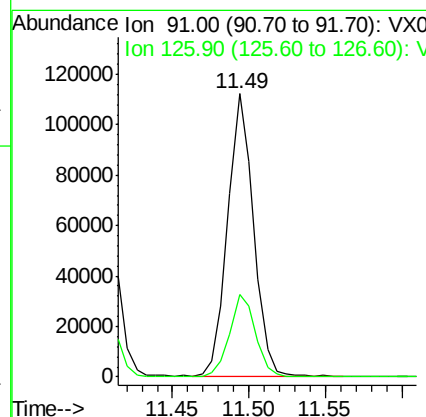
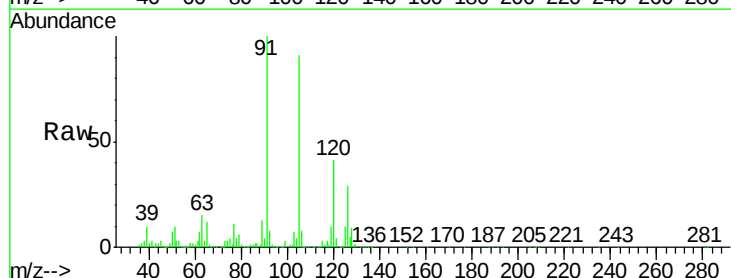
Manual Integrations
APPROVED

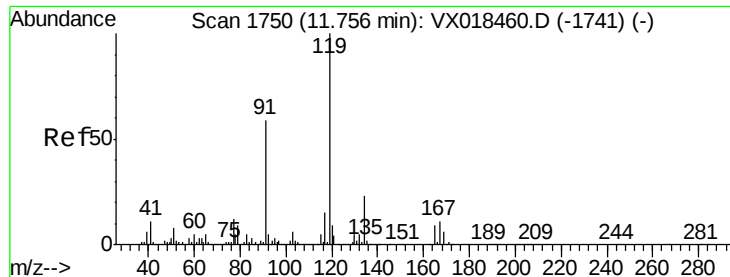
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#82
4-Chlorotoluene
Concen: 5.160 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





#83

tert-Butylbenzene

Concen: 4.978 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

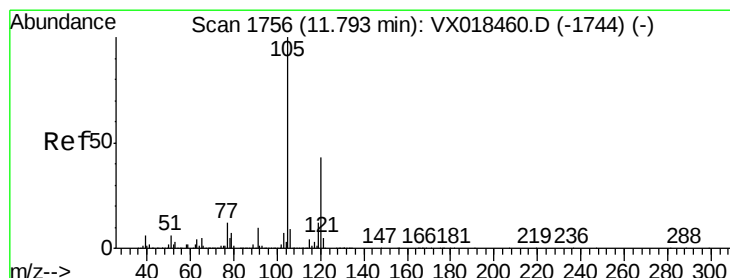
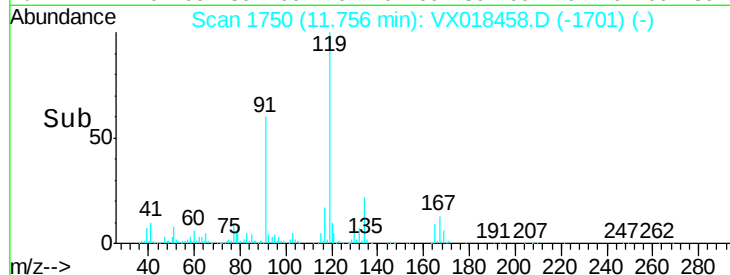
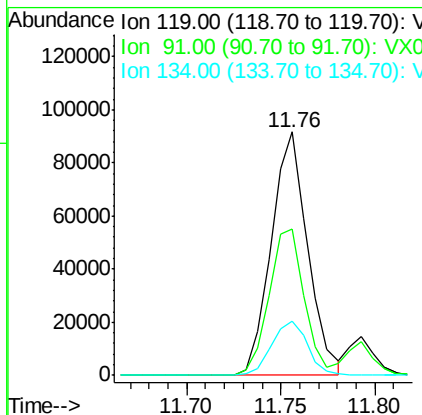
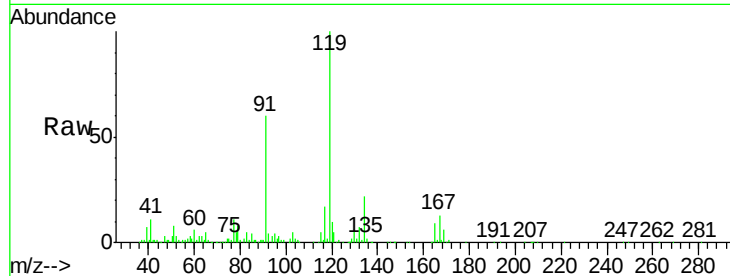
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	122781		
91	58.1	28.9	86.7	
134	21.9	11.3	33.8	

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 5.003 ug/l

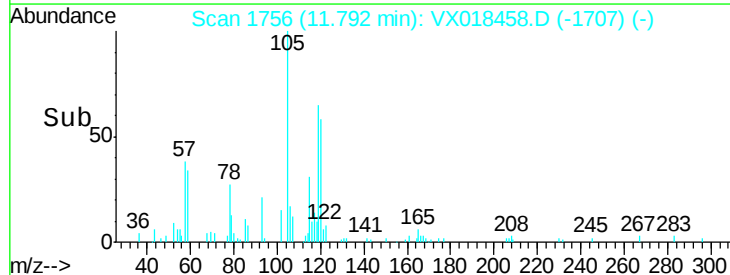
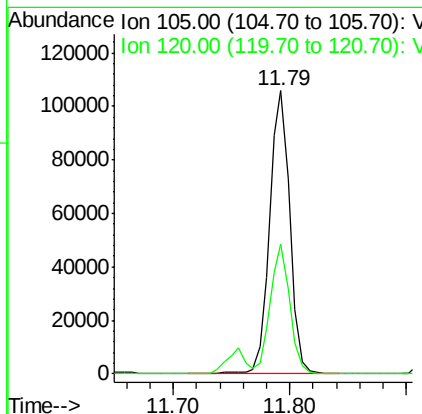
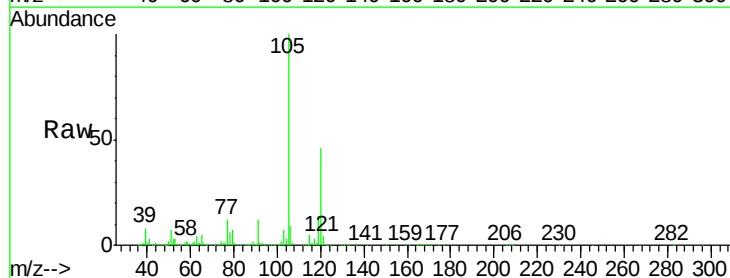
RT: 11.79 min Scan# 1756

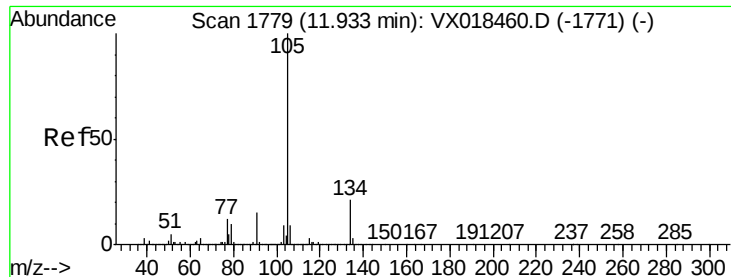
Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	127687		
120	44.3	21.6	65.0	





#85

sec-Butylbenzene

Concen: 5.200 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 146251

Ion Ratio Lower Upper

105 100

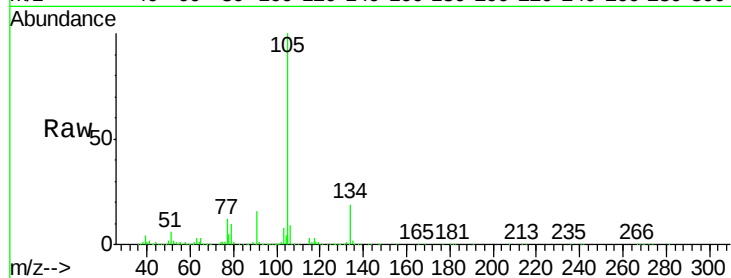
134 20.2 10.2 30.4

Manual Integrations

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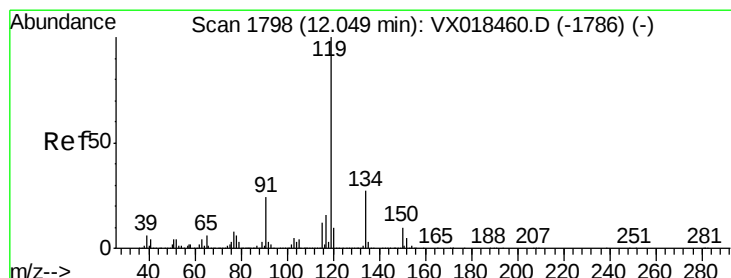
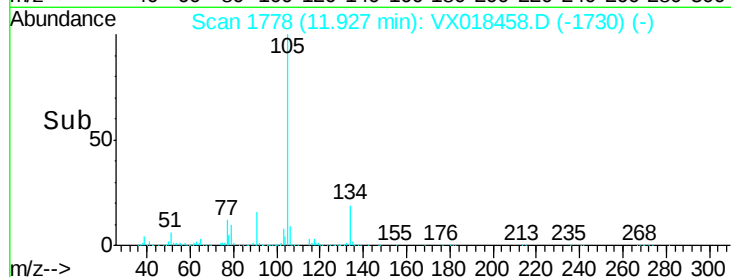
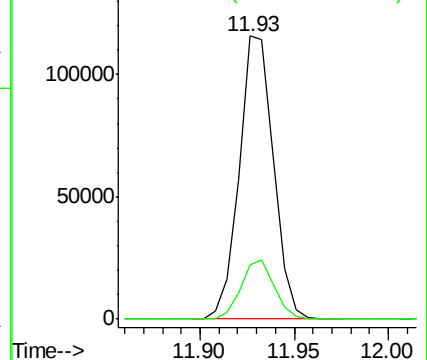
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 5.134 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

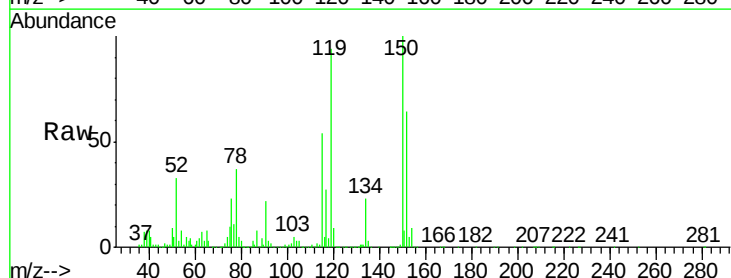
Tgt Ion:119 Resp: 132812

Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

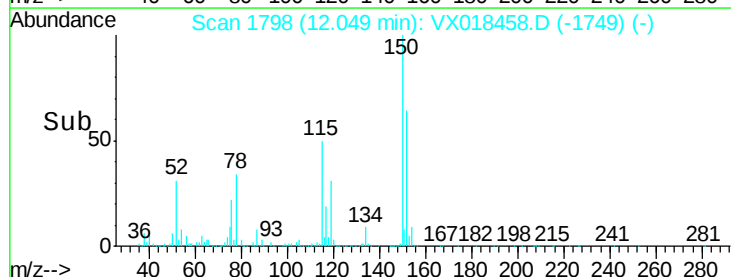
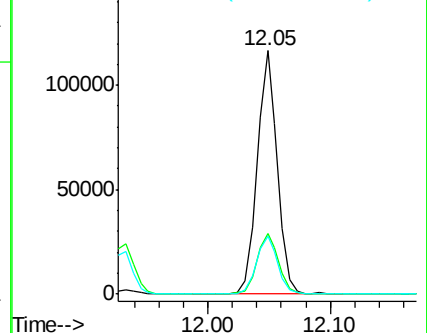
91 25.1 11.9 35.9

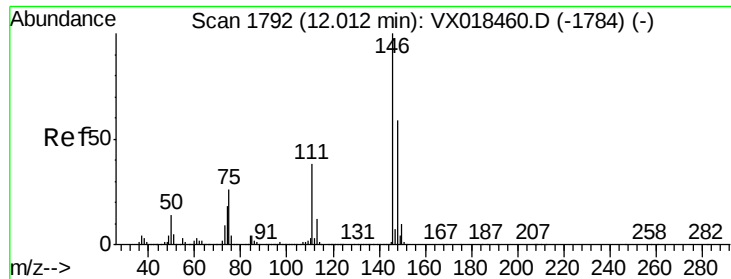


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





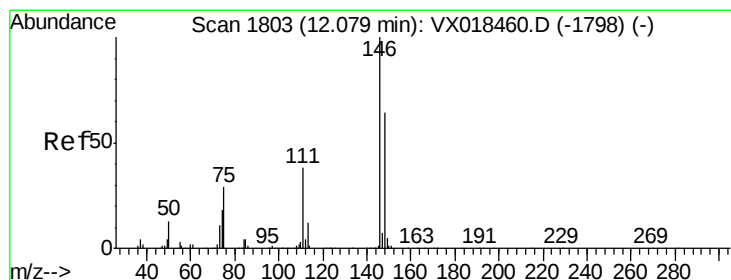
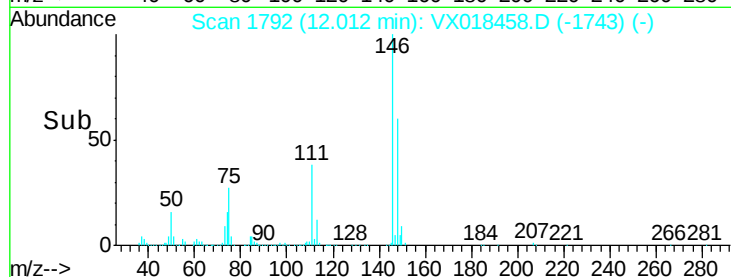
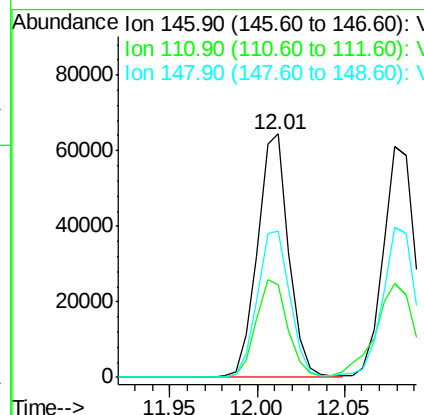
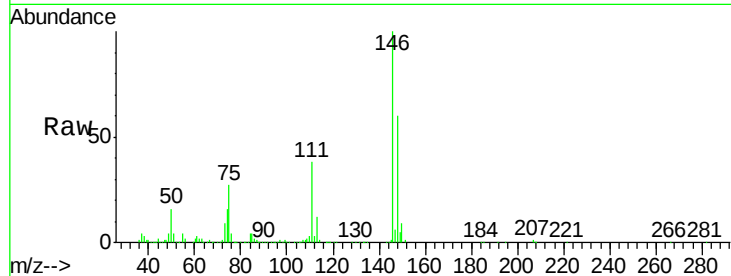
#87
 1,3-Dichlorobenzene
 Concen: 5.407 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	63.1	31.1	93.2

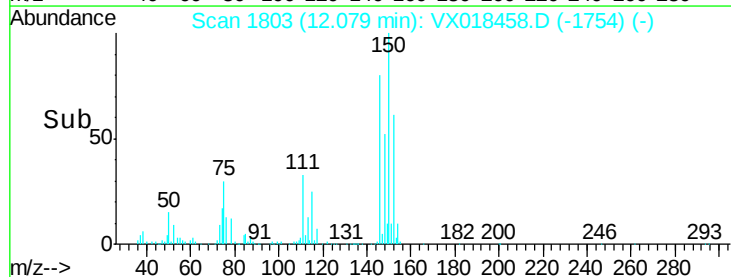
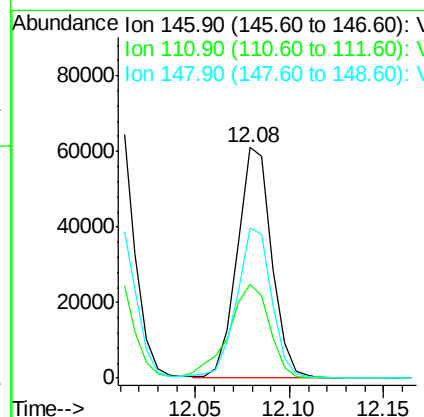
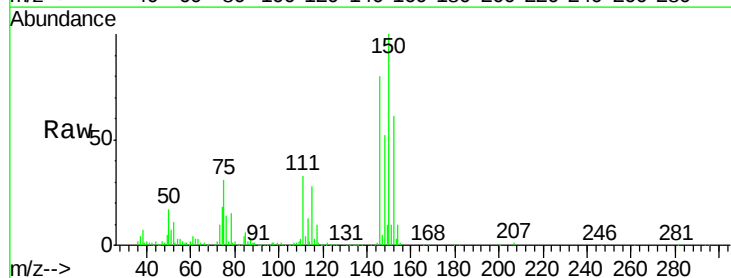
Manual Integrations
 APPROVED

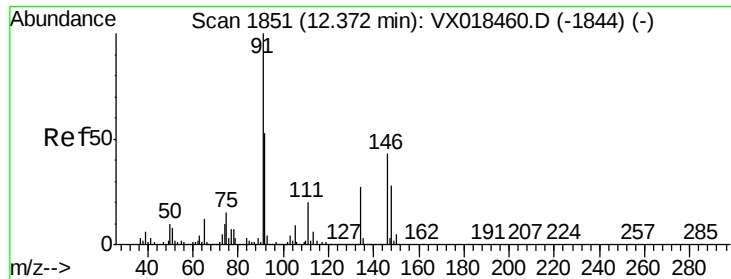
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#88
 1,4-Dichlorobenzene
 Concen: 5.226 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.5	19.4	58.4
148	66.4	31.8	95.4





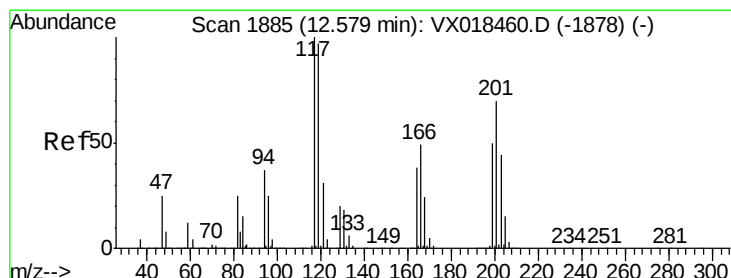
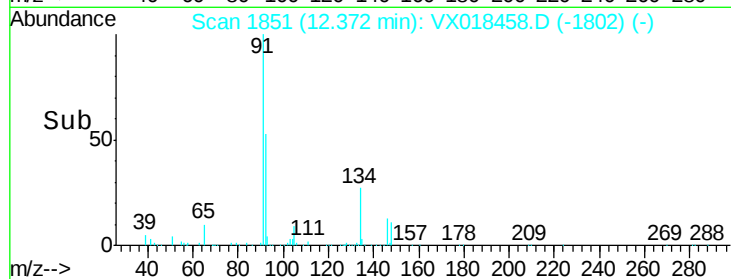
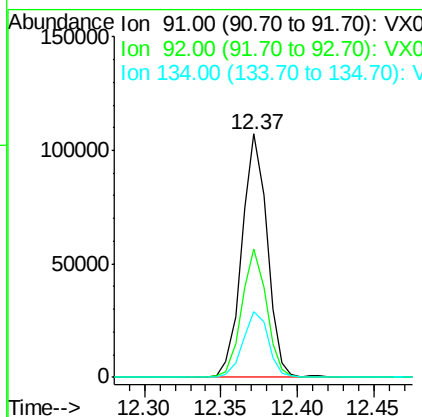
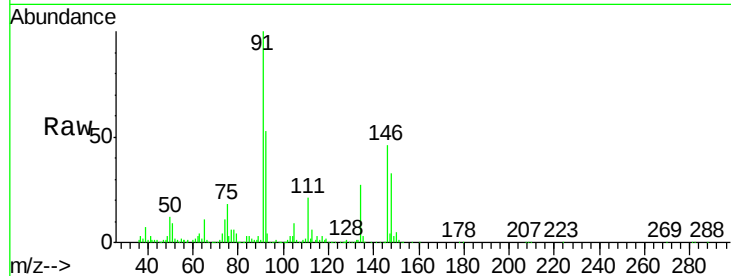
#89
n-Butylbenzene
Concen: 5.169 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.1	78.2
134	27.3	13.3	39.8

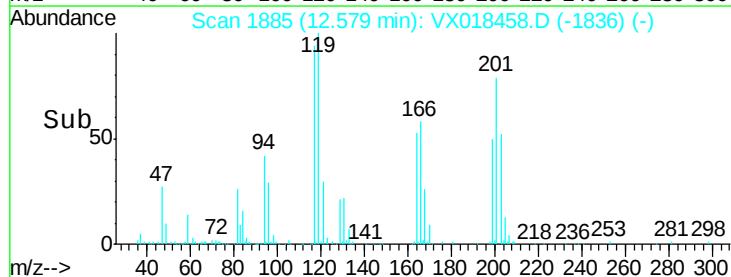
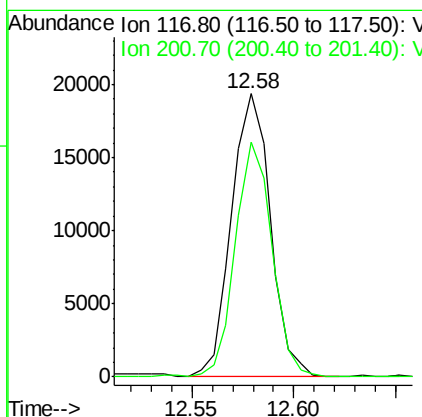
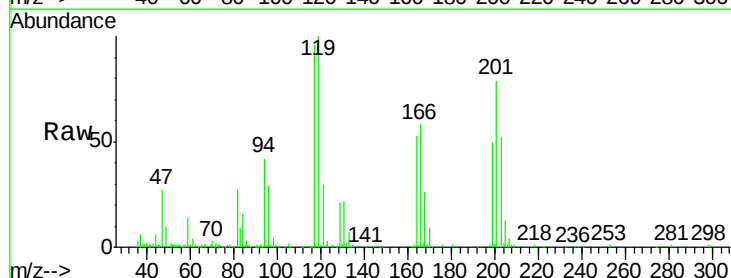
Manual Integrations
APPROVED

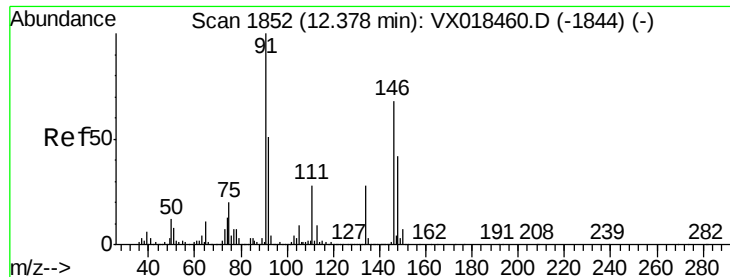
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#90
Hexachloroethane
Concen: 5.045 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	36.2	108.6





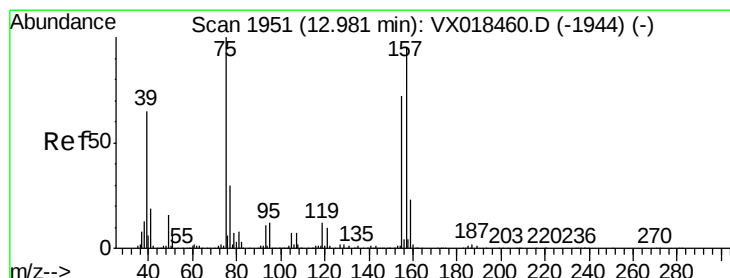
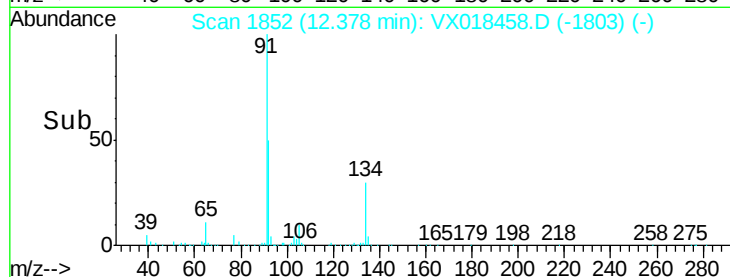
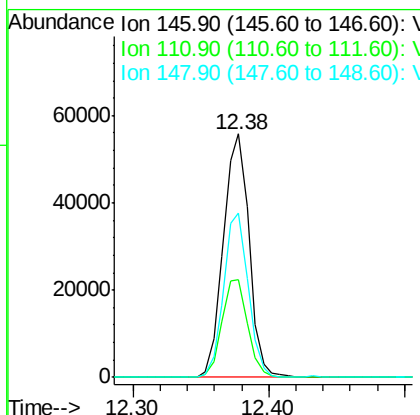
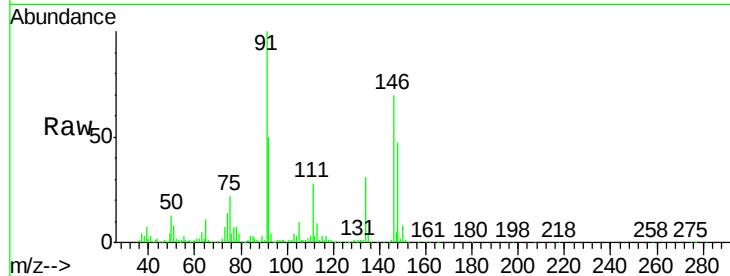
#91
1,2-Dichlorobenzene
Concen: 5.291 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	21.5	64.5
148	64.6	32.1	96.5

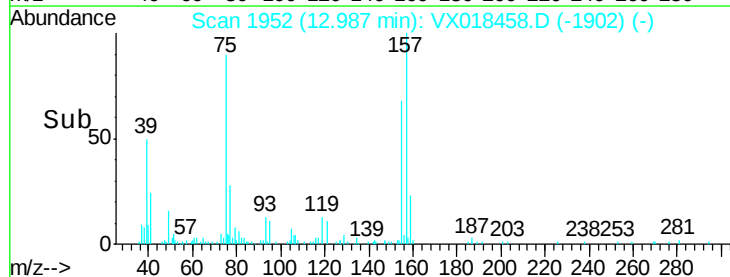
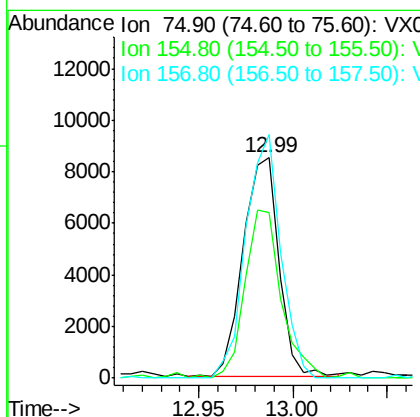
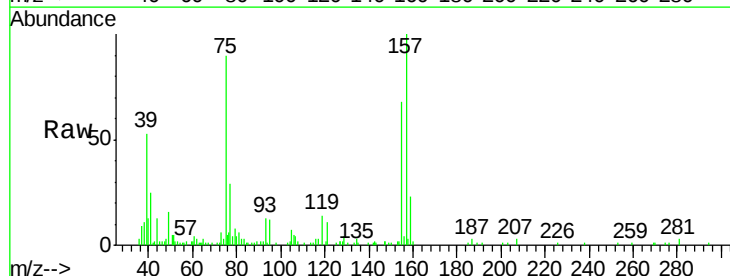
Manual Integrations
APPROVED

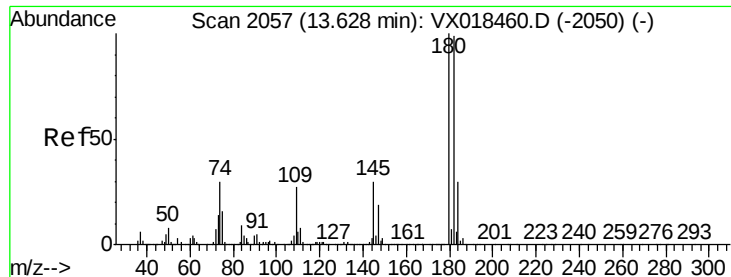
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.206 ug/l
RT: 12.99 min Scan# 1952
Delta R.T. 0.01 min
Lab File: VX018458.D
Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.9	38.8	116.4
157	108.9	51.1	153.3





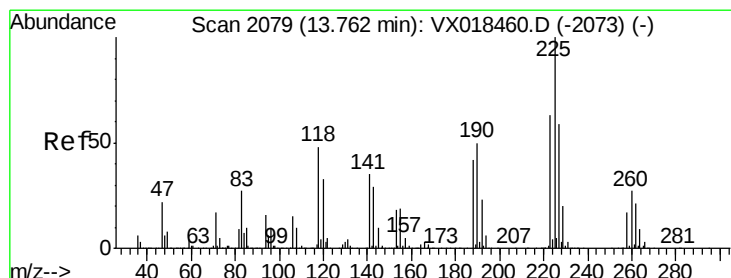
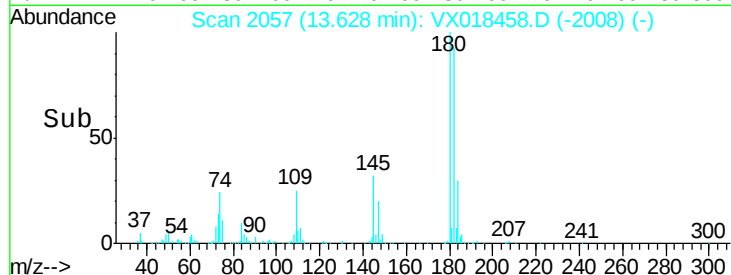
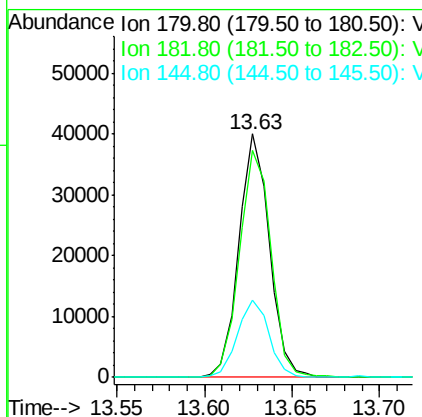
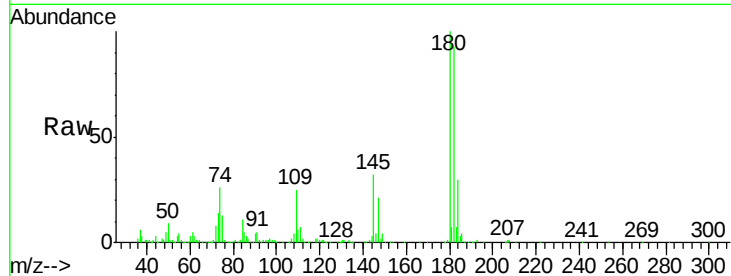
#93
 1,2,4-Trichlorobenzene
 Concen: 5.223 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	50.2	150.6
145	33.4	15.7	47.1

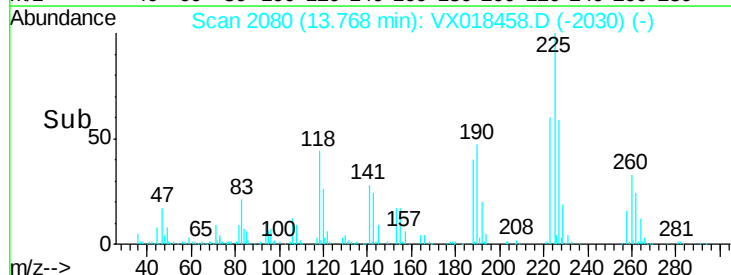
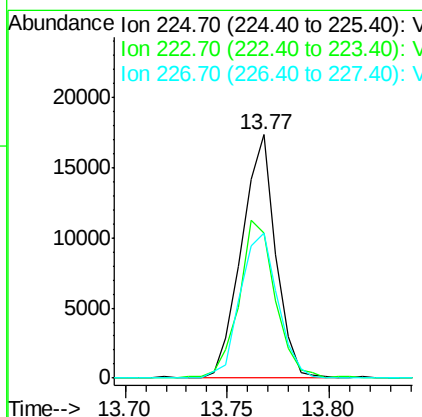
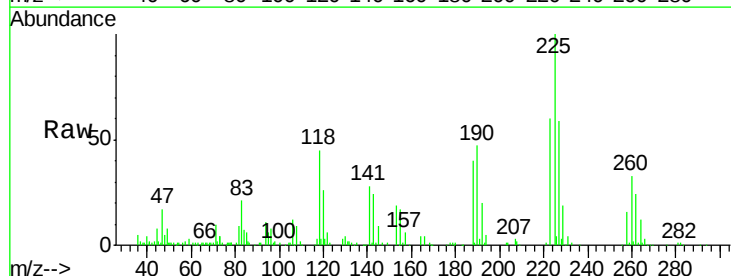
Manual Integrations
 APPROVED

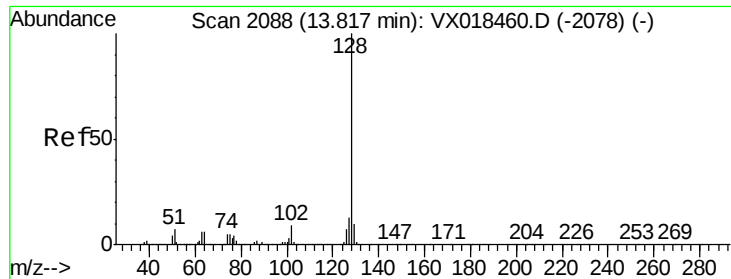
MMDadoda
 9/18/2020 12:19:34 PM



#94
 Hexachlorobutadiene
 Concen: 5.447 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018458.D
 Acq: 17 Sep 2020 10:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	69.3	32.0	96.2
227	65.3	31.7	95.1





#95

Naphthalene

Concen: 4.524 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Instrument :

MSVOA_X

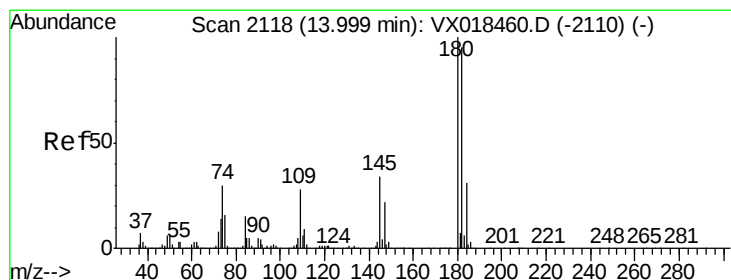
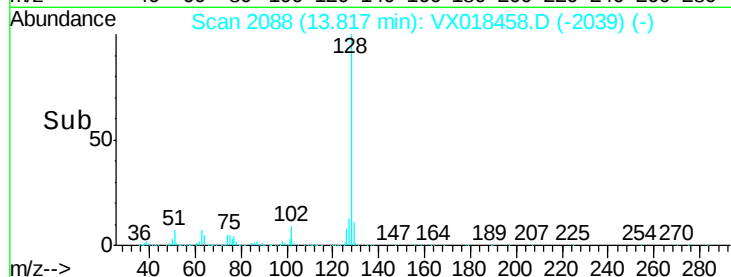
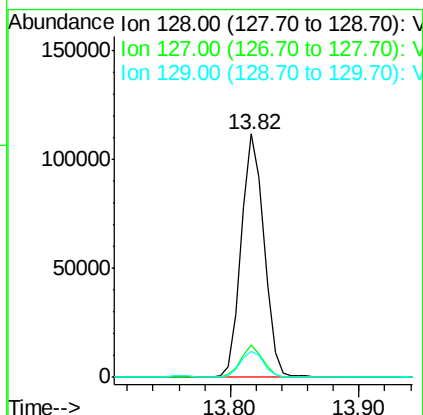
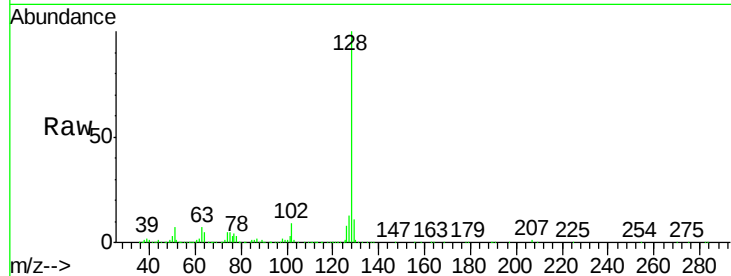
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		137225		
127	13.2		10.3	15.5	
129	11.1		8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/18/2020 12:19:34 PM



#96

1,2,3-Trichlorobenzene

Concen: 5.155 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018458.D

Acq: 17 Sep 2020 10:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		47425		
182	91.3		47.1	141.3	
145	33.2		16.8	50.4	

