

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018489.D
 Acq On : 18 Sep 2020 13:51
 Operator : JC/SP
 Sample : VX0918WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:48 AM

Quant Time: Sep 21 02:08:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	417029	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	658068	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	629631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	329791	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	299171	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.46	113	220677	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
50) Toluene-d8	8.70	98	796642	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	11.12	95	312134	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	80221	20.290	ug/l	98
3) Chloromethane	1.31	50	88859	19.197	ug/l	99
4) Vinyl Chloride	1.39	62	91433	18.658	ug/l	99
5) Bromomethane	1.64	94	63436	21.092	ug/l	91
6) Chloroethane	1.72	64	54862	19.562	ug/l	99
7) Trichlorofluoromethane	1.92	101	157204	21.117	ug/l	96
8) Diethyl Ether	2.17	74	47368	18.135	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76644	19.128	ug/l	99
10) Methyl Iodide	2.50	142	84653	20.310	ug/l	93
11) Tert butyl alcohol	3.01	59	100943	98.338	ug/l	98
12) 1,1-Dichloroethene	2.36	96	75075	18.589	ug/l	93
13) Acrolein	2.28	56	51224	78.811	ug/l	96
14) Allyl chloride	2.71	41	139355	17.806	ug/l	97
15) Acrylonitrile	3.12	53	240544	98.211	ug/l	99
16) Acetone	2.42	43	203174	90.051	ug/l	99
17) Carbon Disulfide	2.55	76	214857	17.814	ug/l	99
18) Methyl Acetate	2.75	43	116260	20.798	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	273115	19.264	ug/l	98
20) Methylene Chloride	2.84	84	90161	18.112	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	85283	18.170	ug/l	95
22) Diisopropyl ether	3.82	45	274786	18.679	ug/l	97
23) Vinyl Acetate	3.79	43	1220733	93.646	ug/l	99
24) 1,1-Dichloroethane	3.67	63	161892	19.082	ug/l	97
25) 2-Butanone	4.63	43	331320	94.299	ug/l	97
26) 2,2-Dichloropropane	4.55	77	146848	18.734	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	95271	18.109	ug/l	98
28) Bromochloromethane	4.98	49	73055	18.402	ug/l	96
29) Tetrahydrofuran	5.09	42	214286	96.765	ug/l	98
30) Chloroform	5.17	83	166912	19.390	ug/l	99
31) Cyclohexane	5.55	56	126532	17.723	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	157064	19.449	ug/l	97
36) 1,1-Dichloropropene	5.77	75	117426	18.384	ug/l	99
37) Ethyl Acetate	4.79	43	133804	19.618	ug/l	99
38) Carbon Tetrachloride	5.76	117	143739	20.320	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	125673	17.513	ug/l	93
40) Benzene	6.12	78	337313	18.428	ug/l	99
41) Methacrylonitrile	5.00	41	70353	18.563	ug/l	99
42) 1,2-Dichloroethane	6.17	62	144629	20.309	ug/l	100
43) Isopropyl Acetate	6.42	43	209795	18.536	ug/l	99
44) Trichloroethene	7.19	130	101735	19.199	ug/l	94
45) 1,2-Dichloropropane	7.49	63	90717	18.056	ug/l	98
46) Dibromomethane	7.63	93	65583	19.000	ug/l	97
47) Bromodichloromethane	7.88	83	136910	19.681	ug/l	93
48) Methyl methacrylate	7.75	41	104581	18.983	ug/l	98
49) 1,4-Dioxane	7.72	88	32459	356.579	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	668981	99.268	ug/l	99
52) Toluene	8.77	92	219545	19.060	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	145569	18.416	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	154451	18.967	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	90437	18.921	ug/l	96
56) Ethyl methacrylate	9.16	69	133957	18.901	ug/l	98
57) 1,3-Dichloropropane	9.35	76	154101	19.189	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	343622	91.195	ug/l	97
59) 2-Hexanone	9.47	43	509366	99.372	ug/l	99
60) Dibromochloromethane	9.57	129	114364	20.066	ug/l	97
61) 1,2-Dibromoethane	9.65	107	98559	19.380	ug/l	98
64) Tetrachloroethene	9.32	164	104395	21.060	ug/l	96
65) Chlorobenzene	10.12	112	244519	18.860	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	97435	18.734	ug/l	100
67) Ethyl Benzene	10.24	91	422282	18.817	ug/l	99
68) m/p-Xylenes	10.34	106	319655	37.655	ug/l	100
69) o-Xylene	10.68	106	151306	18.822	ug/l	97
70) Styrene	10.70	104	259465	18.694	ug/l	98
71) Bromoform	10.84	173	86063	19.708	ug/l	98
73) Isopropylbenzene	11.00	105	415724	18.870	ug/l	100
74) N-amyl acetate	10.88	43	179651	18.113	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	131897	18.087	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	134863m	19.460	ug/l	
77) Bromobenzene	11.24	156	112121	18.445	ug/l	97
78) n-propylbenzene	11.34	91	473464	18.360	ug/l	100
79) 2-Chlorotoluene	11.40	91	289664	18.557	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	363223	19.278	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	50537	18.686	ug/l	95
82) 4-Chlorotoluene	11.49	91	342771	18.473	ug/l	99
83) tert-Butylbenzene	11.76	119	341038	18.643	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	362861	19.123	ug/l	98
85) sec-Butylbenzene	11.93	105	401885	18.619	ug/l	99
86) p-Isopropyltoluene	12.05	119	378291	19.070	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	207968	19.028	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	205438	18.538	ug/l	98
89) n-Butylbenzene	12.37	91	324921	17.693	ug/l	100
90) Hexachloroethane	12.58	117	70377	17.770	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	189038	18.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	35207	19.888	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	129567	18.198	ug/l	95
94) Hexachlorobutadiene	13.76	225	54283	18.169	ug/l	99
95) Naphthalene	13.82	128	412483	19.184	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	127541	18.744	ug/l	98

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

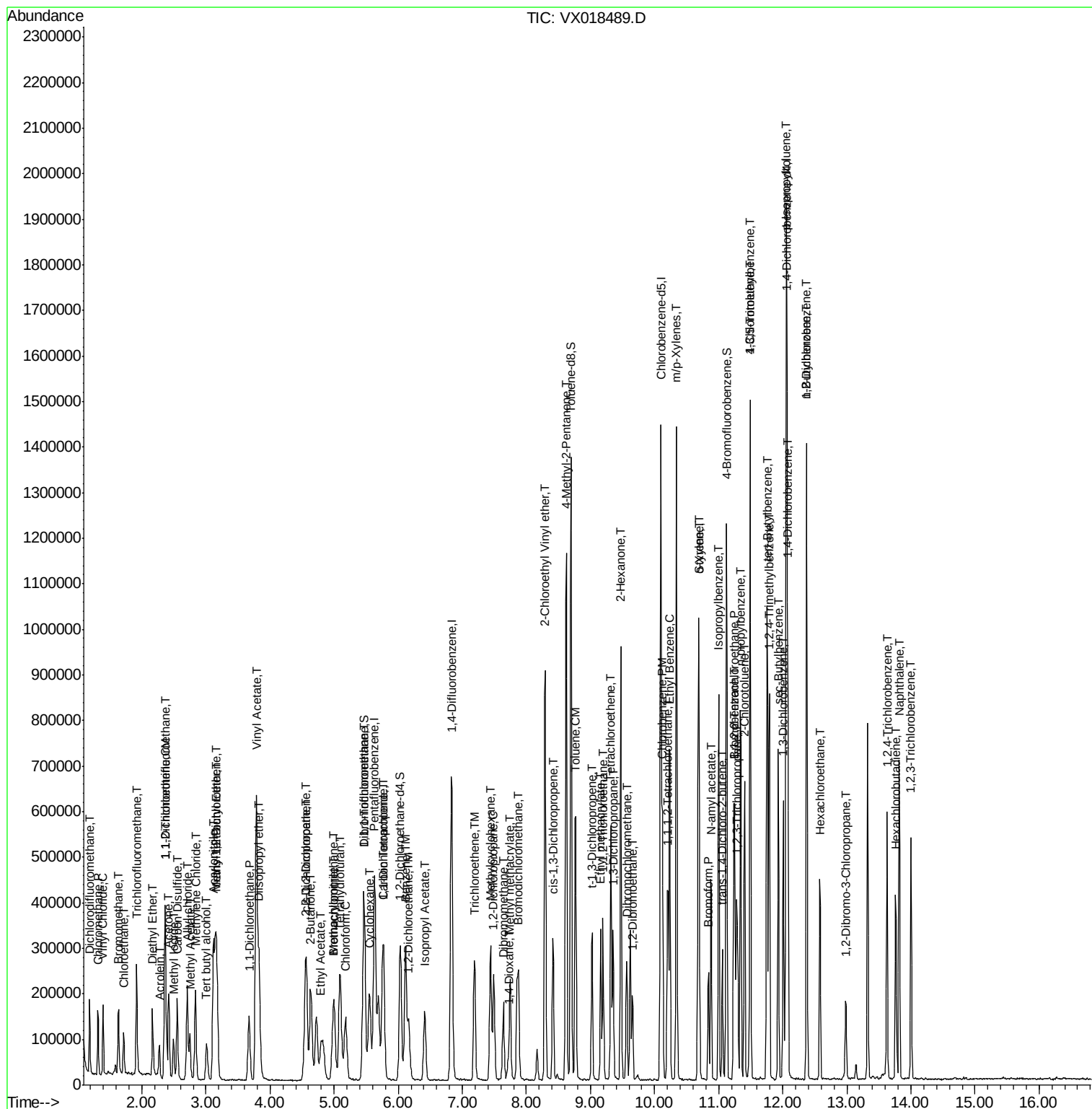
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091820\
Data File : VX018489.D
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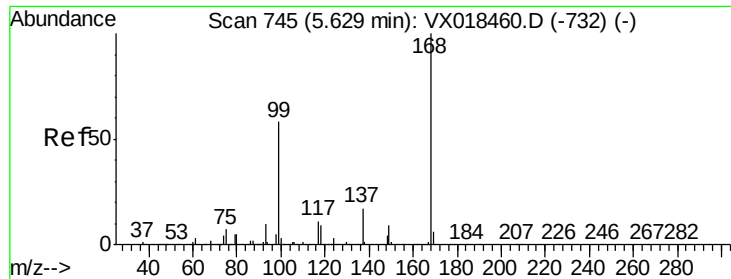
Instrument :
MSVOA_X
ClientSampleID :
VX0918WBS02

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion:168 Resp: 417029

Ion Ratio Lower Upper

168 100

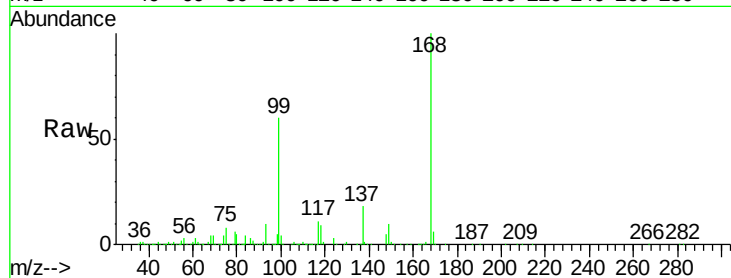
99 59.8 46.5 69.7

Manual Integrations

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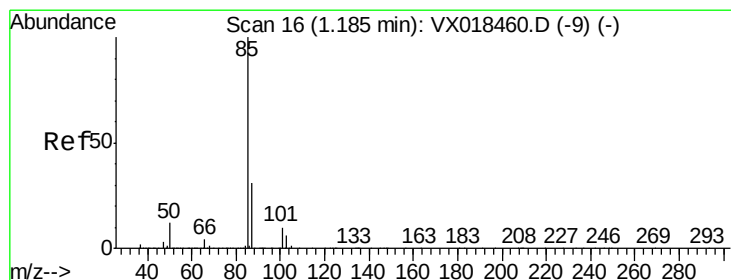
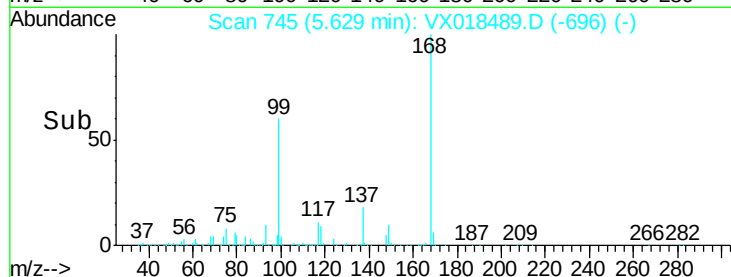
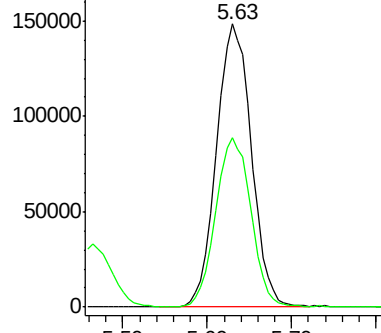
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.290 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018489.D

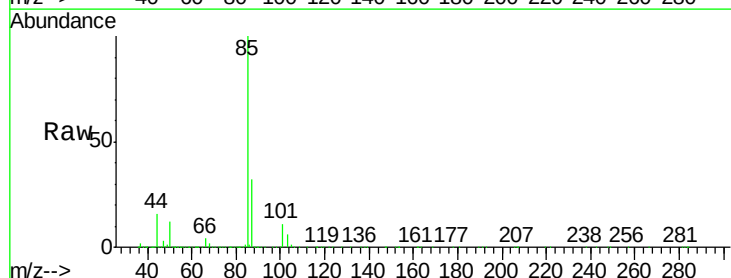
Acq: 18 Sep 2020 13:51

Tgt Ion: 85 Resp: 80221

Ion Ratio Lower Upper

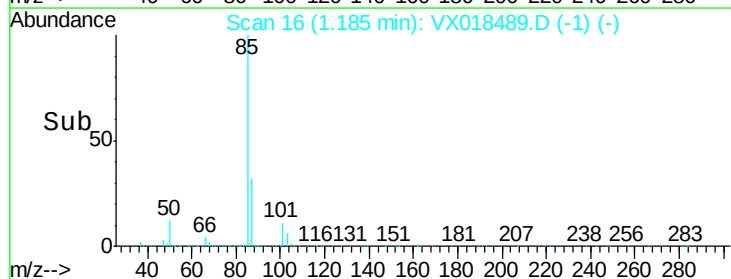
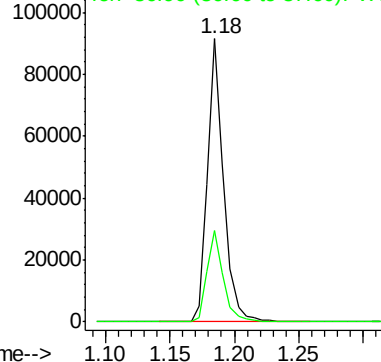
85 100

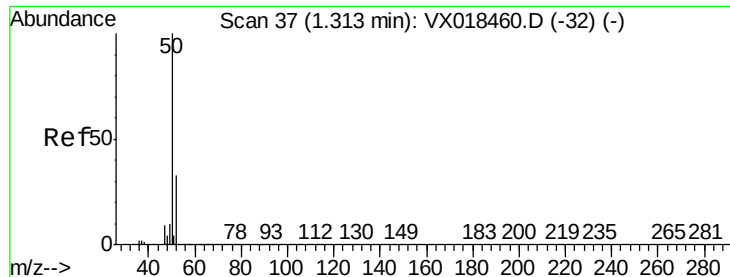
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.197 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion: 50 Resp: 88859

Ion Ratio Lower Upper

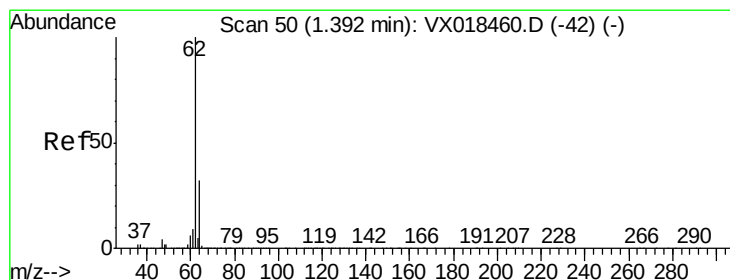
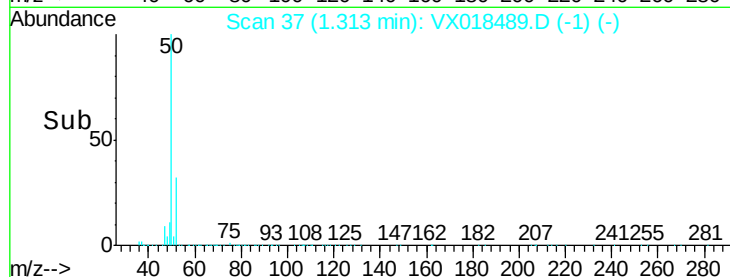
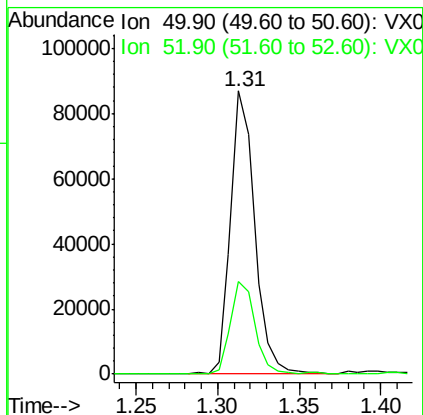
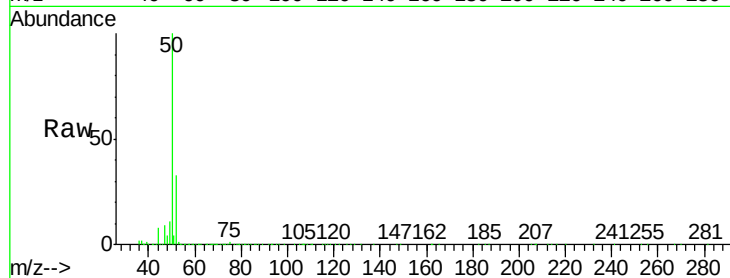
50 100

52 32.5 26.6 40.0

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.658 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018489.D

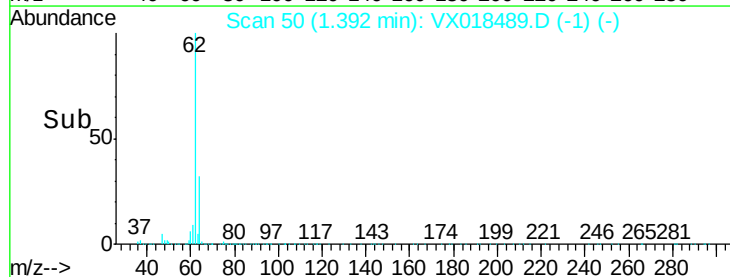
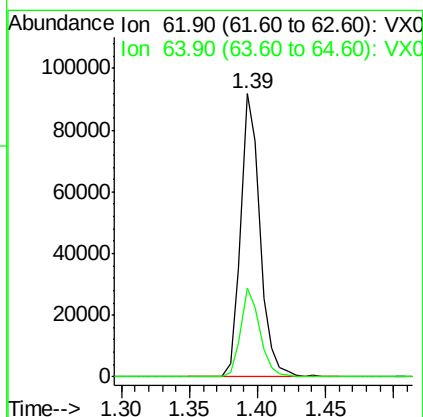
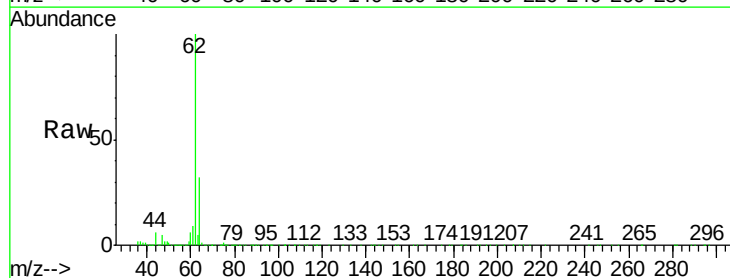
Acq: 18 Sep 2020 13:51

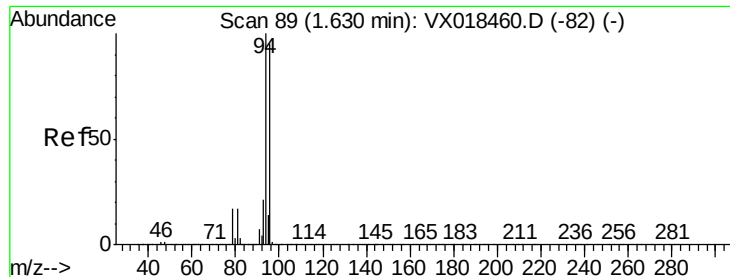
Tgt Ion: 62 Resp: 91433

Ion Ratio Lower Upper

62 100

64 31.4 25.7 38.5





#5

Bromomethane

Concen: 21.092 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 63436

Ion Ratio Lower Upper

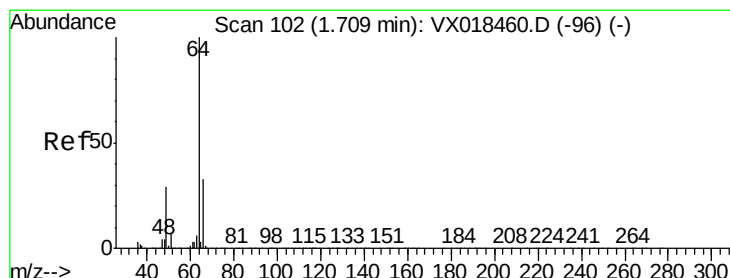
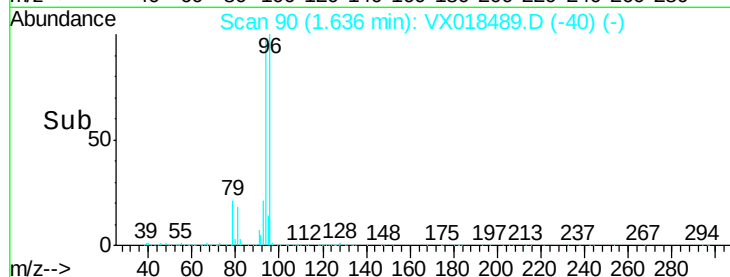
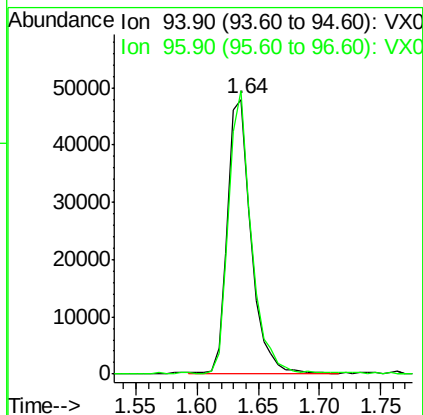
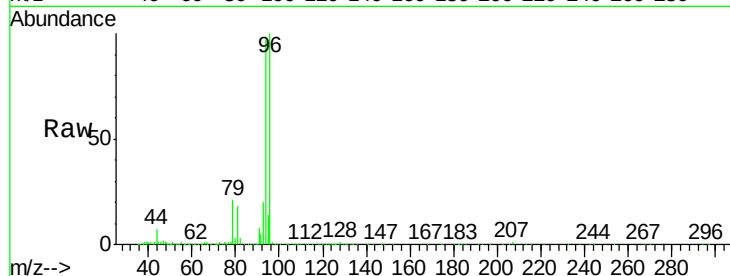
94 100

96 102.9 75.5 113.3

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#6

Chloroethane

Concen: 19.562 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018489.D

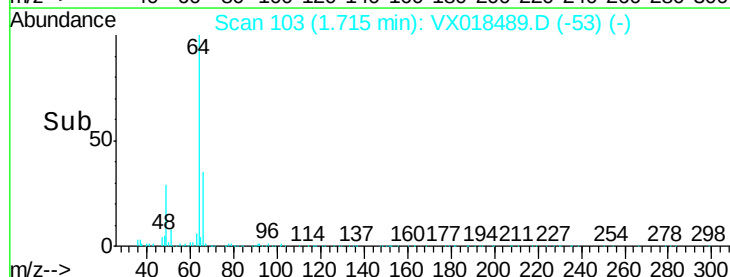
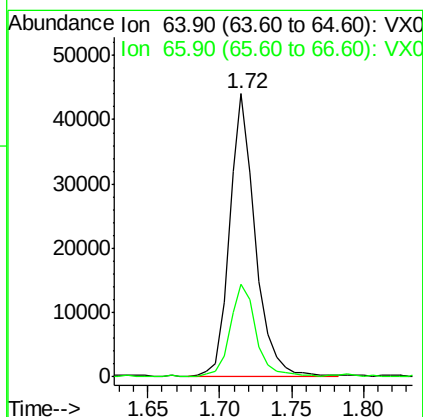
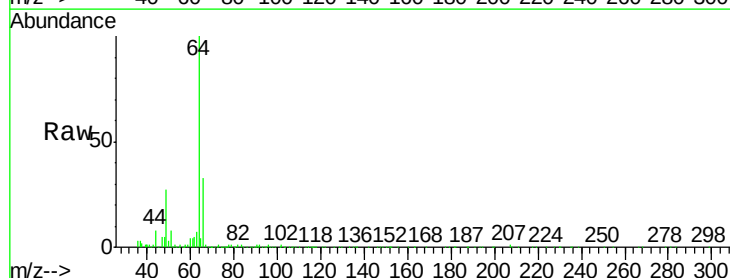
Acq: 18 Sep 2020 13:51

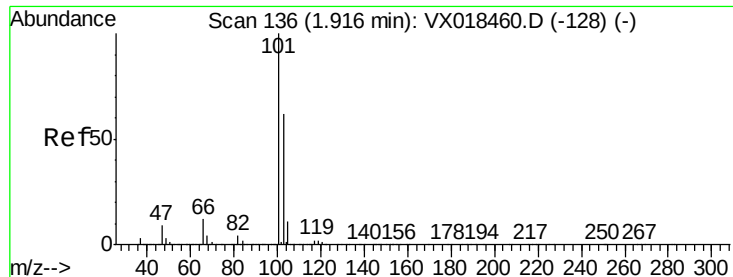
Tgt Ion: 64 Resp: 54862

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.4





#7

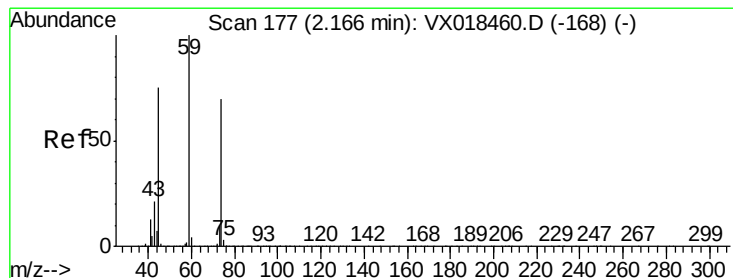
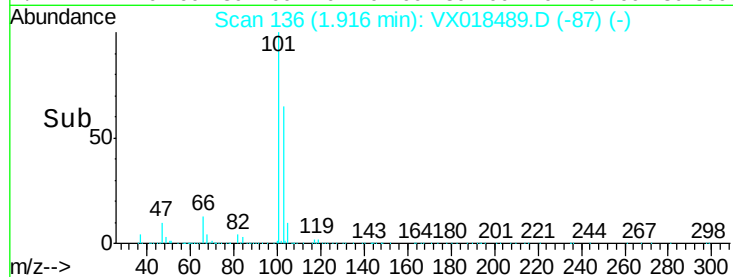
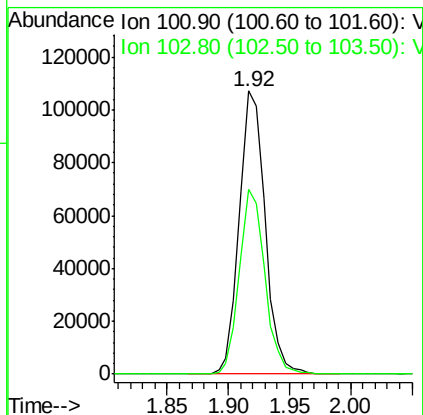
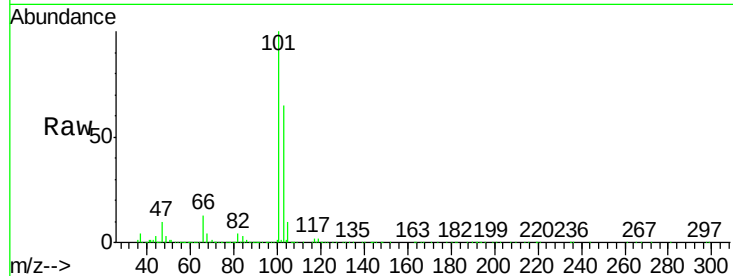
Trichlorofluoromethane
Concen: 21.117 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	49.6	74.4

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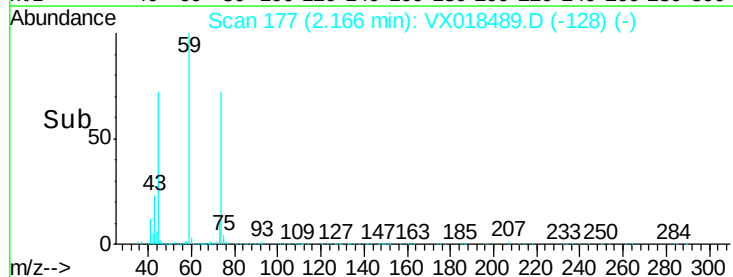
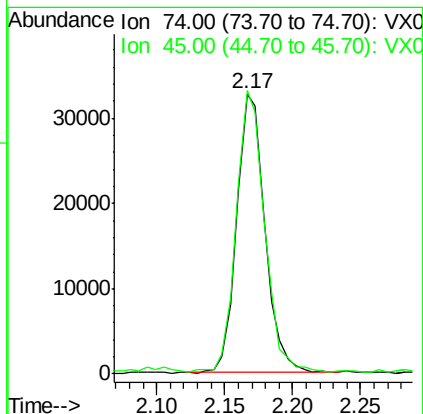
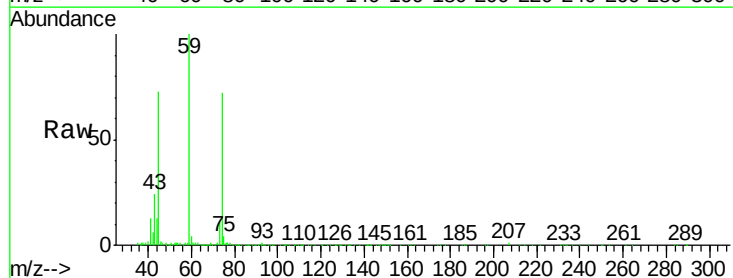
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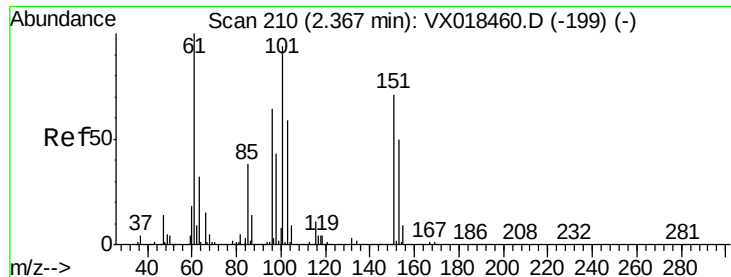


#8

Diethyl Ether
Concen: 18.135 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.6	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.128 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

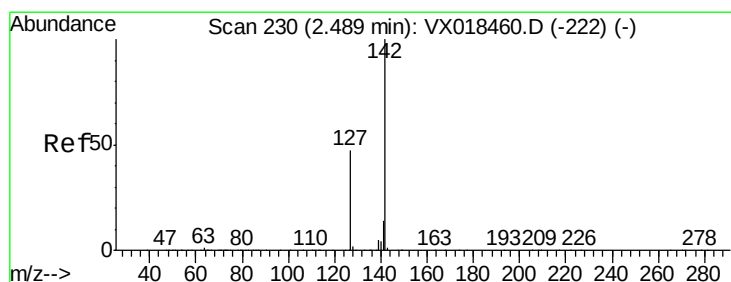
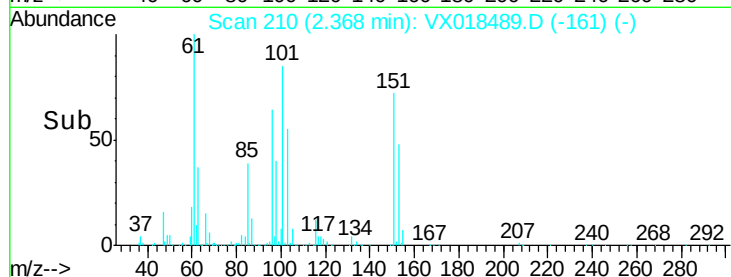
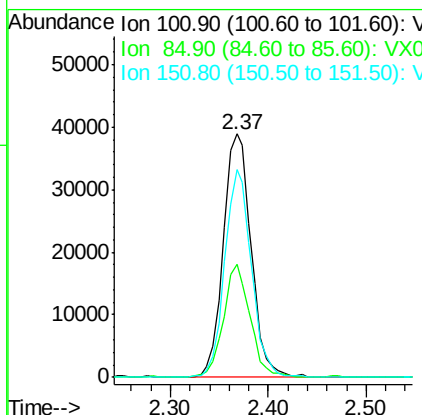
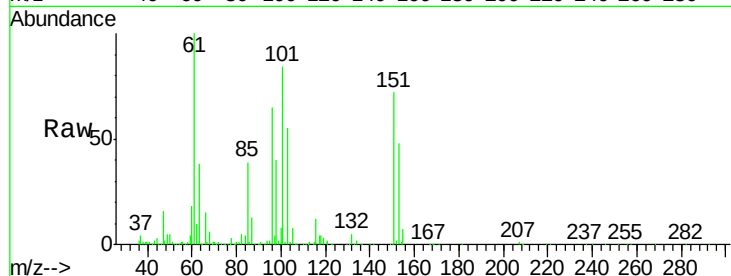
ClientSampled :

VX0918WBS02

Tot Ion:	101	Resp:	76644
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.7	52.1
151	81.9	64.9	97.3

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#10

Methyl Iodide

Concen: 20.310 ug/l

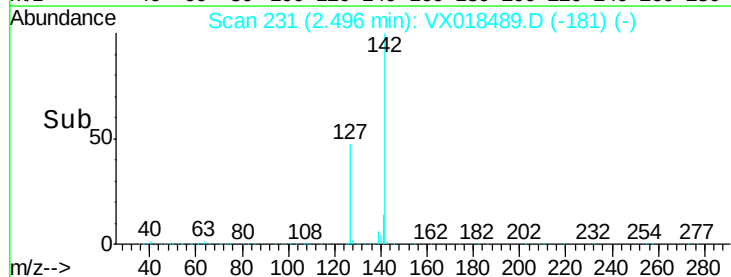
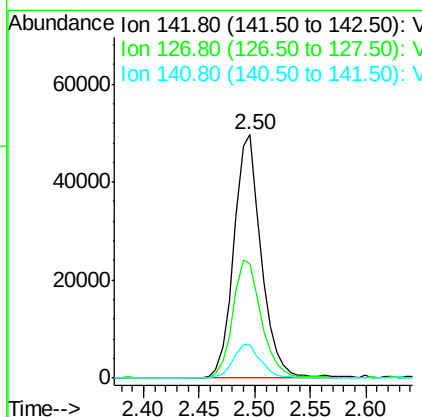
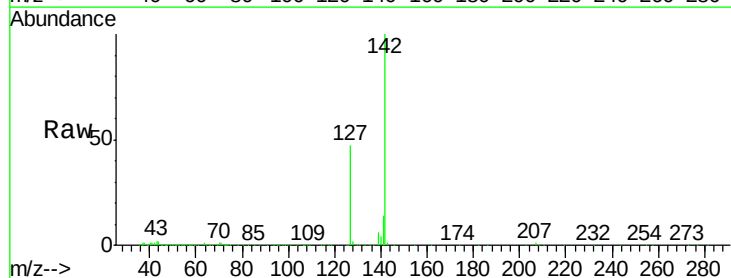
RT: 2.50 min Scan# 231

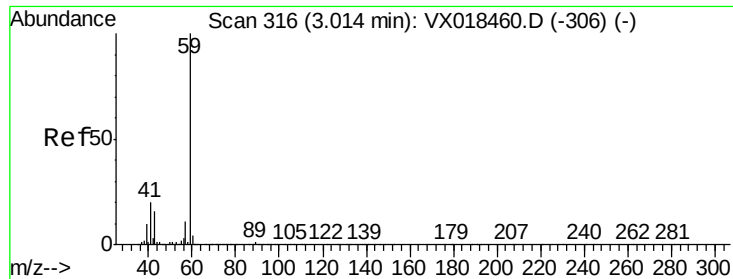
Delta R.T. 0.01 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	142	Resp:	84653
Ion Ratio	Lower	Upper	
142	100		
127	51.1	36.0	54.0
141	14.3	11.9	17.9





#11

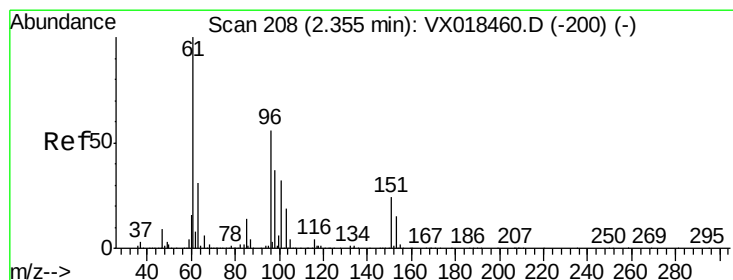
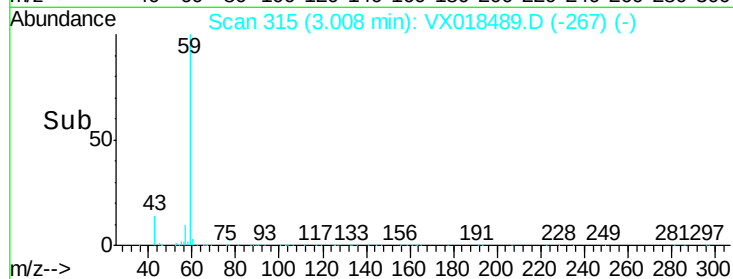
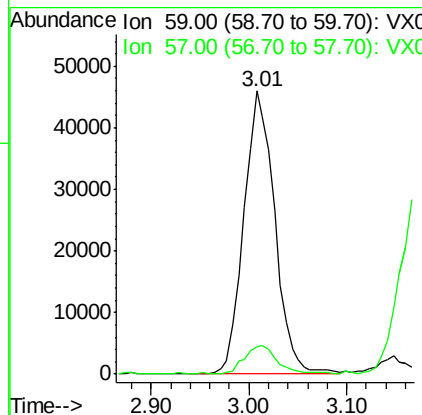
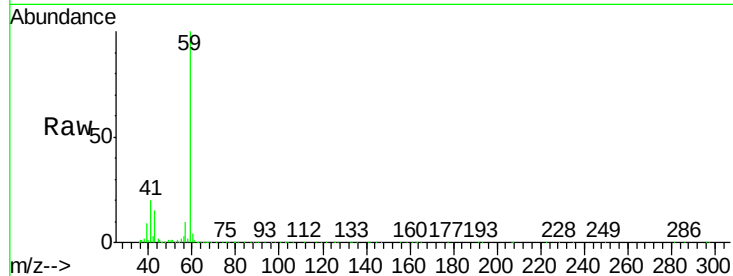
Tert butyl alcohol
Concen: 98.338 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion	59	57	Ratio	100	11.0	Resp	100943	Lower	8.2	Upper	12.4

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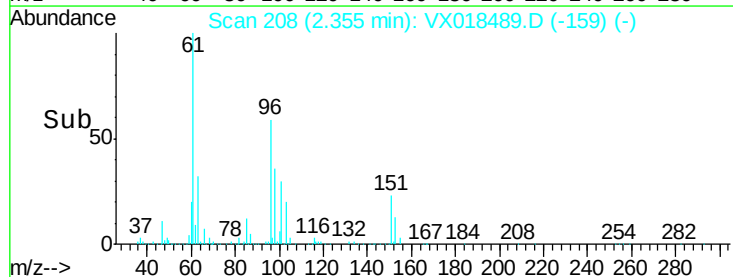
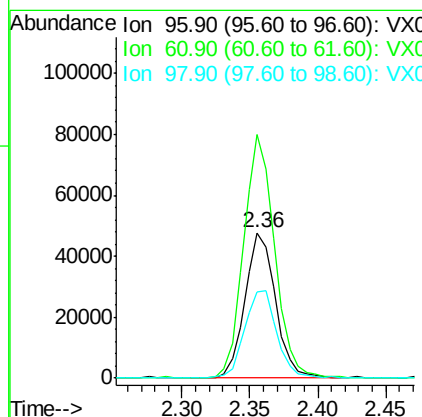
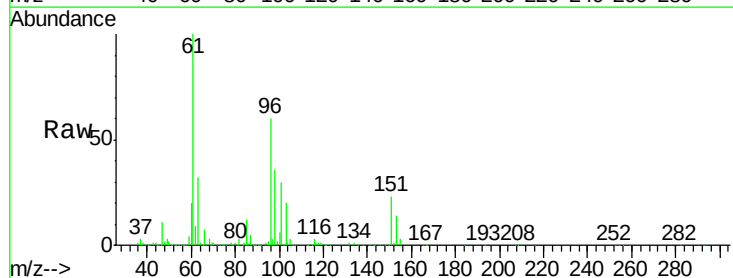
MMDadoda
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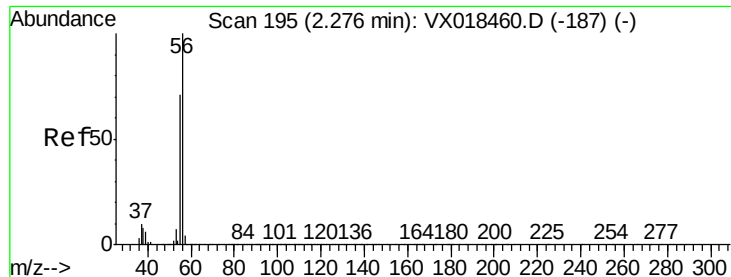


#12

1,1-Dichloroethene
Concen: 18.589 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	96	61	98	Ratio	100	167.7	59.4	Resp	75075	Lower	142.2	52.4	Upper	213.4	78.6





#13

Acrolein

Concen: 78.811 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion: 56 Resp: 51224

Ion Ratio Lower Upper

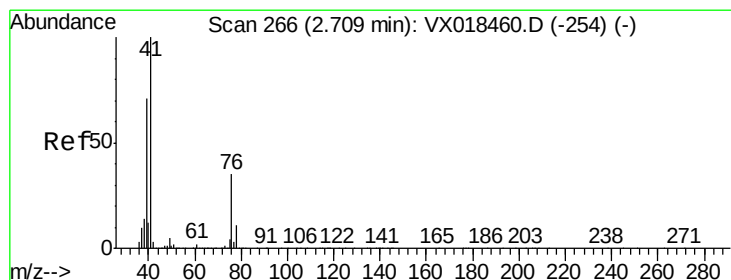
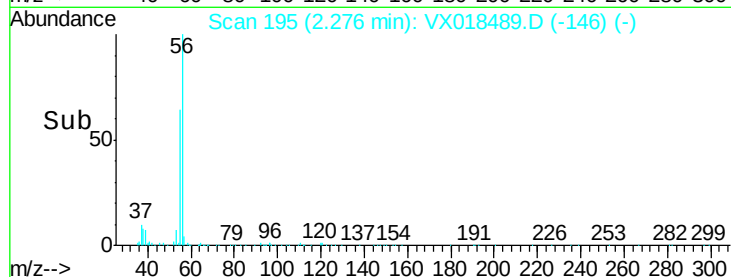
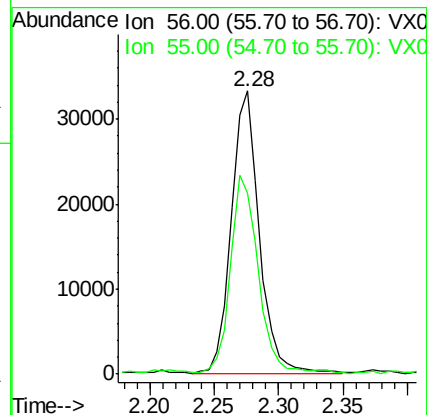
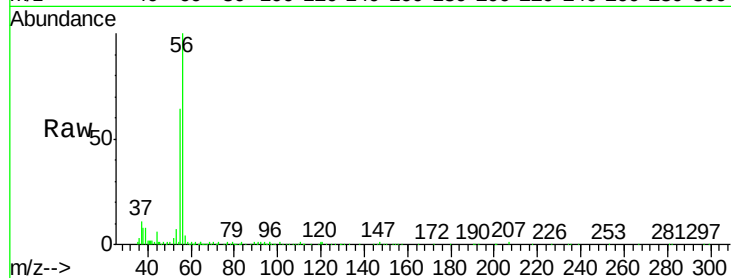
56 100

55 69.3 58.2 87.4

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#14

Allyl chloride

Concen: 17.806 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

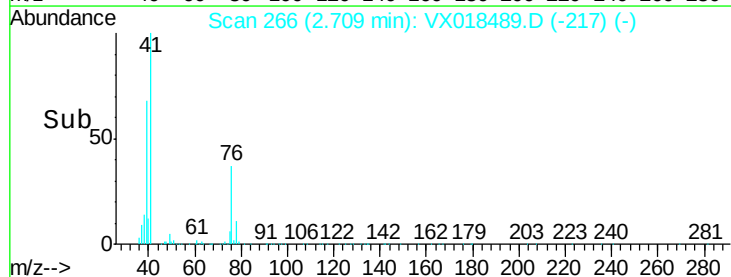
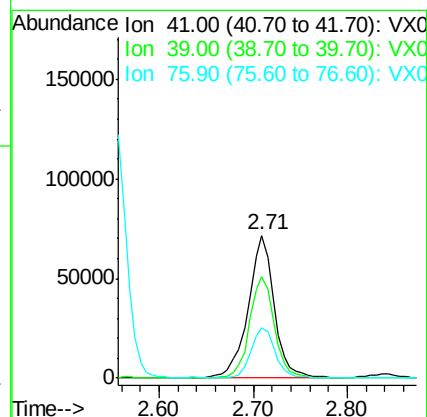
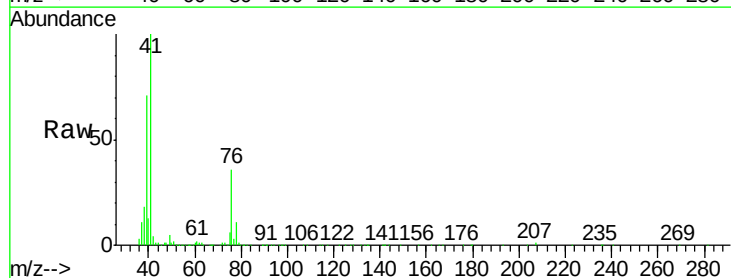
Tgt Ion: 41 Resp: 139355

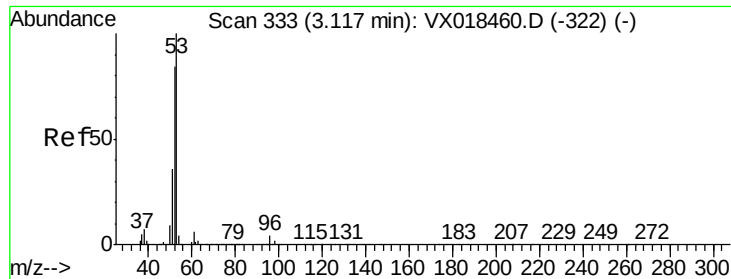
Ion Ratio Lower Upper

41 100

39 66.8 51.1 76.7

76 33.0 26.0 39.0





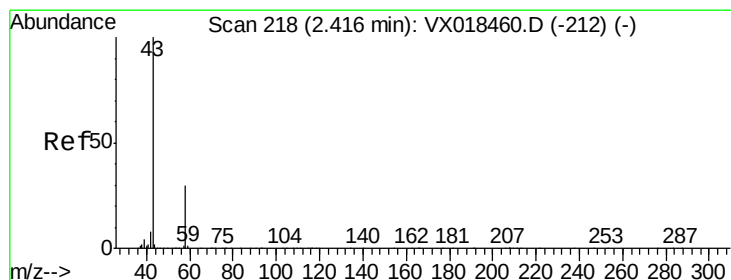
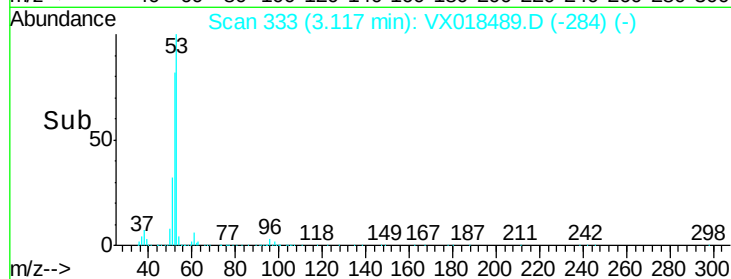
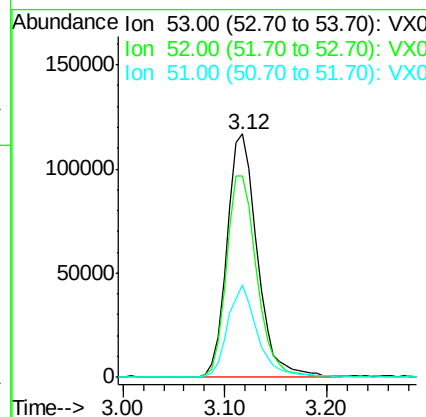
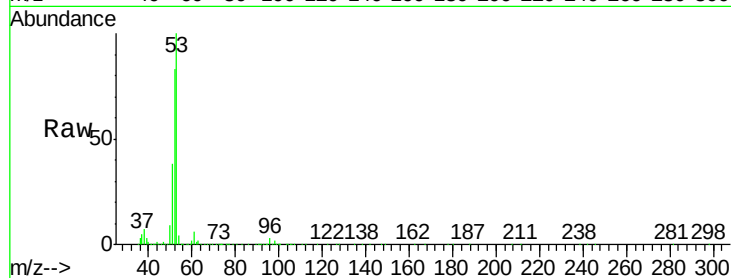
#15
 Acrylonitrile
 Concen: 98.211 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion:	53	Resp:	240544
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.8	98.8
51	37.8	29.2	43.8

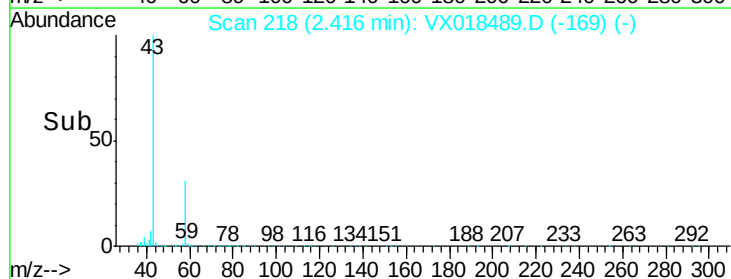
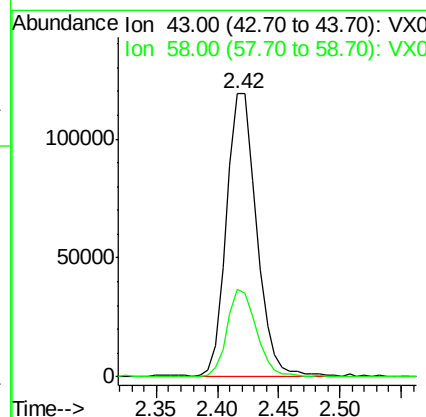
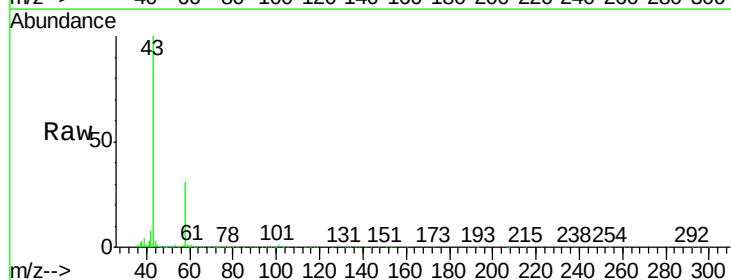
Manual Integrations
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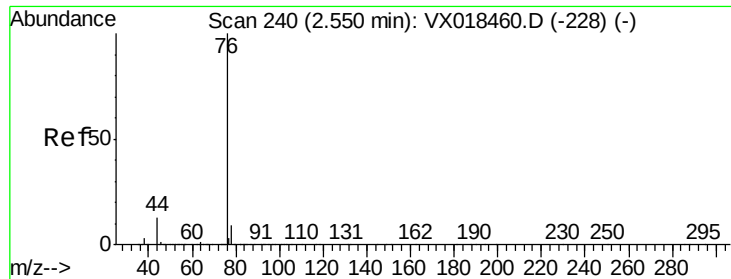
MMDadoda
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#16
 Acetone
 Concen: 90.051 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion:	43	Resp:	203174
Ion Ratio	Lower	Upper	
43	100		
58	30.7	24.0	36.0





#17

Carbon Disulfide

Concen: 17.814 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion: 76 Resp: 214857

Ion Ratio Lower Upper

76 100

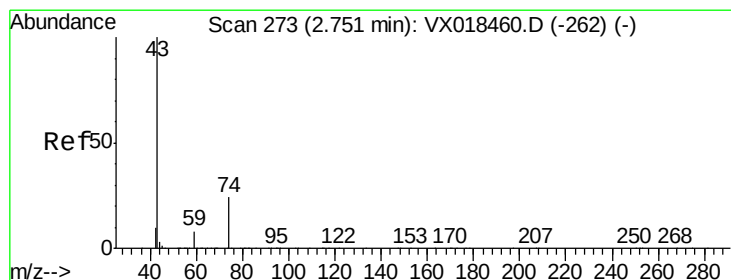
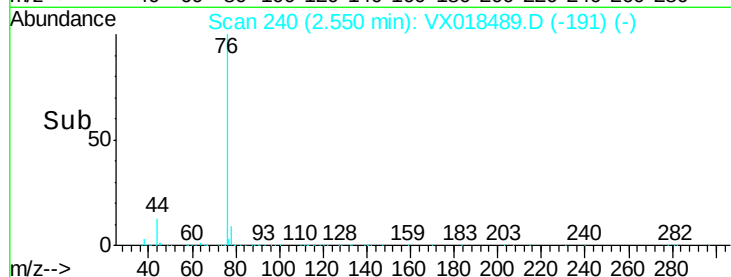
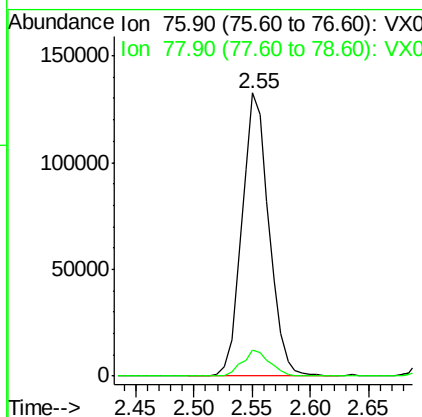
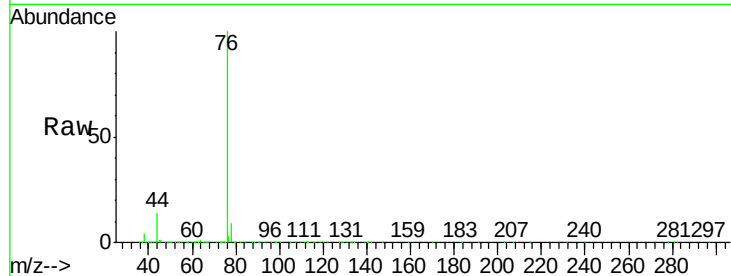
78 9.2 7.0 10.4

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#18

Methyl Acetate

Concen: 20.798 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018489.D

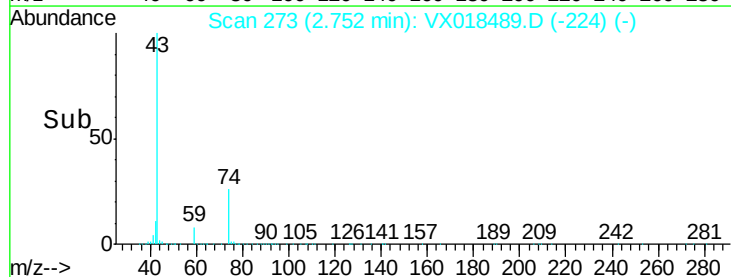
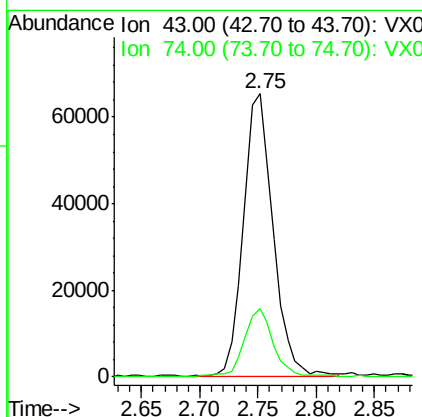
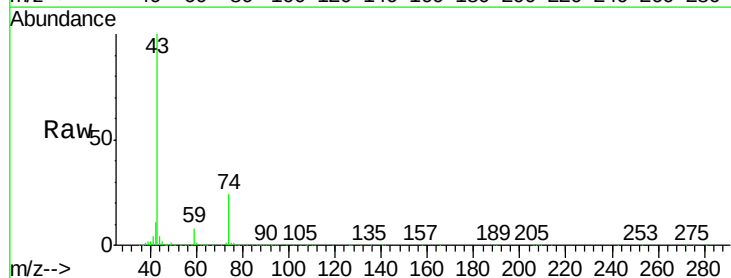
Acq: 18 Sep 2020 13:51

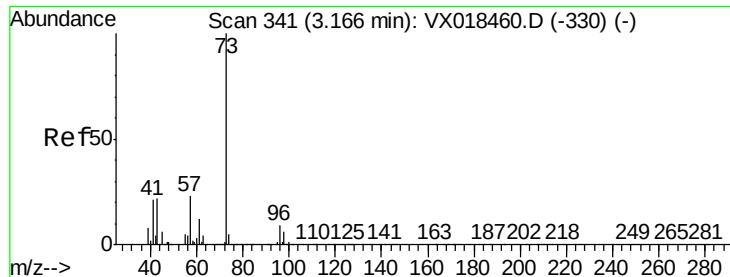
Tgt Ion: 43 Resp: 116260

Ion Ratio Lower Upper

43 100

74 23.3 18.3 27.5





#19

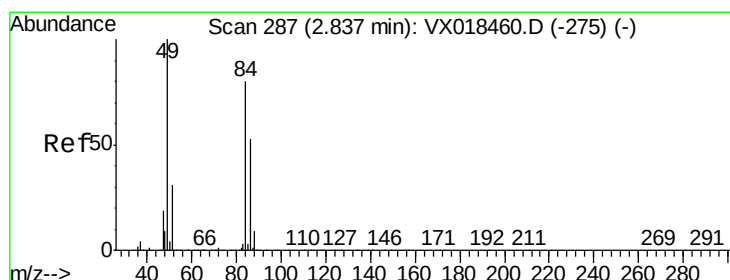
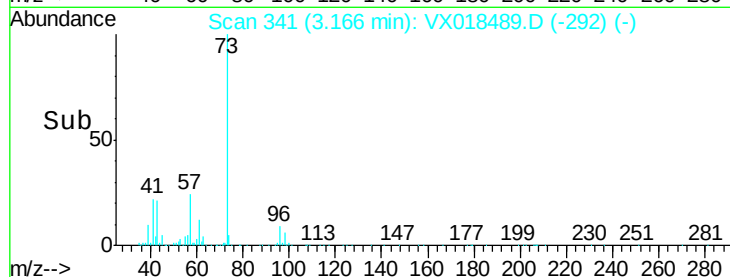
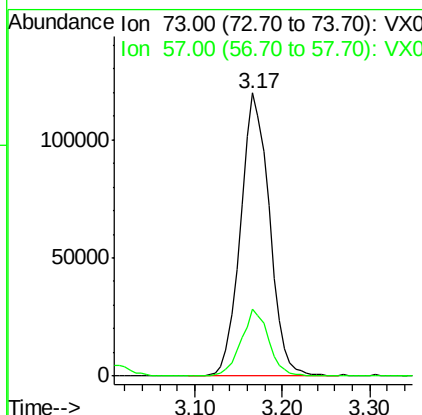
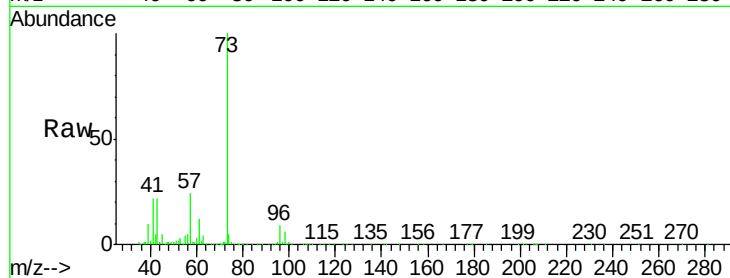
Methyl tert-butyl Ether
 Concen: 19.264 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	18.0	27.0

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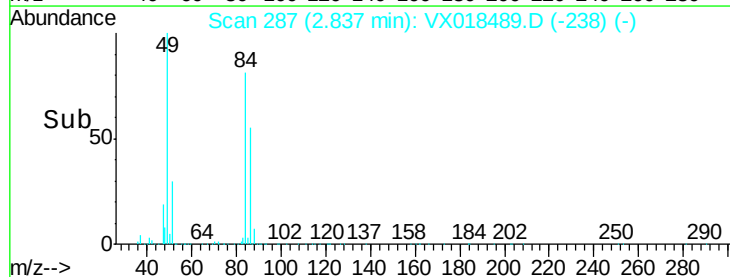
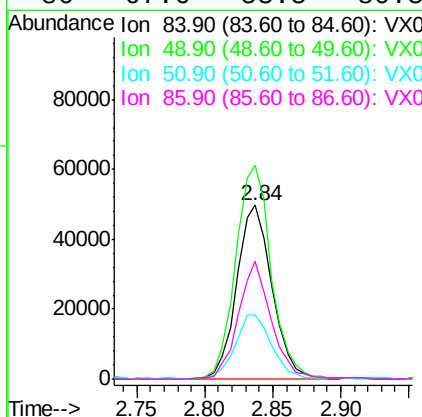
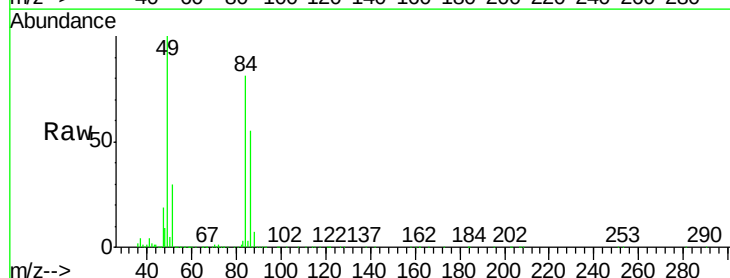
MMDadoda
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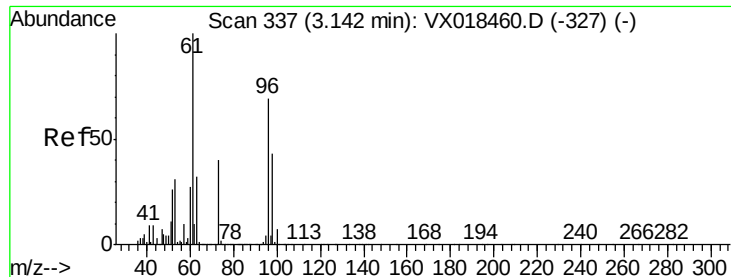


#20

Methylene Chloride
 Concen: 18.112 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	100.6	151.0
51	36.3	30.9	46.3
86	67.6	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 18.170 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

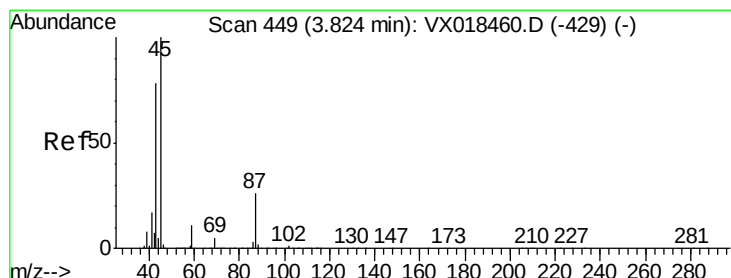
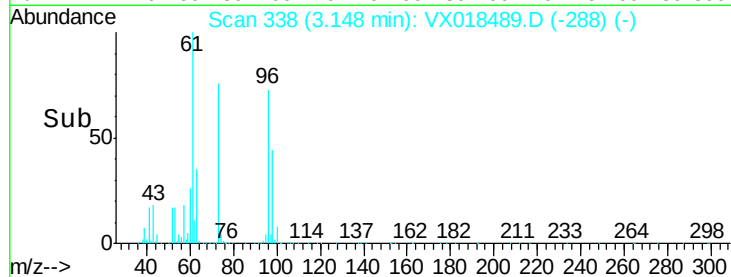
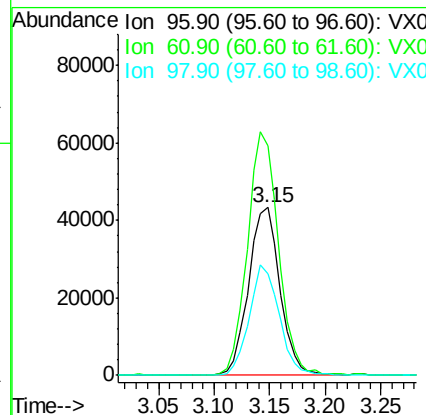
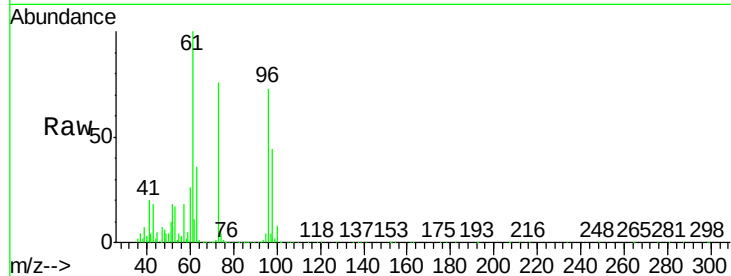
ClientSampleId :

VX0918WBS02

Tot Ion:	96	Resp:	85283
Ion	Ratio	Lower	Upper
96	100		
61	136.7	115.6	173.4
98	60.3	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.679 ug/l

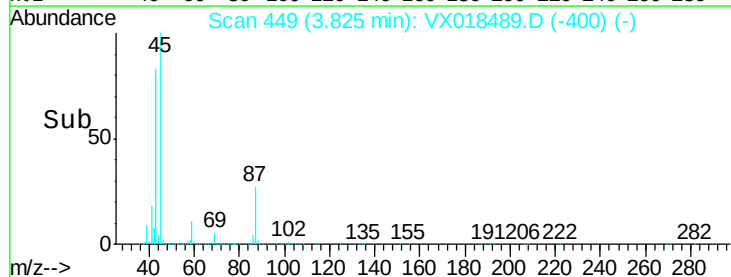
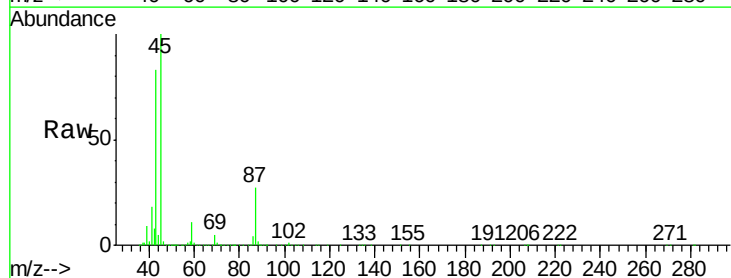
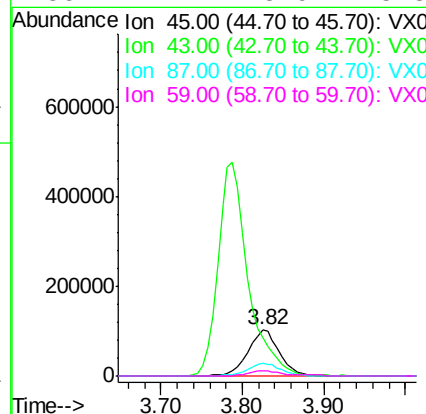
RT: 3.82 min Scan# 449

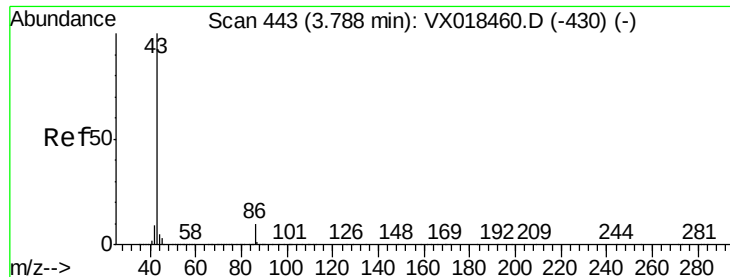
Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	45	Resp:	274786
Ion	Ratio	Lower	Upper
45	100		
43	81.6	62.4	93.6
87	26.6	21.2	31.8
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 93.646 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tot Ion: 43 Resp: 1220733

Ion Ratio Lower Upper

43 100

86 9.9 8.1 12.1

Instrument :

MSVOA_X

ClientSampled :

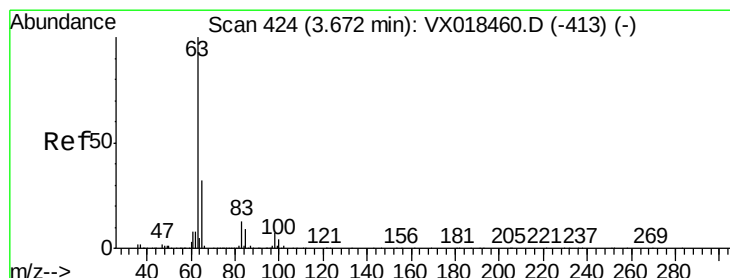
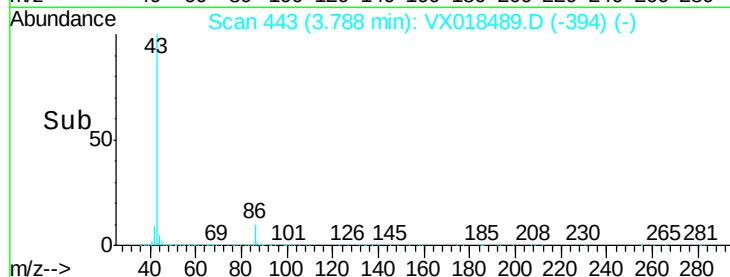
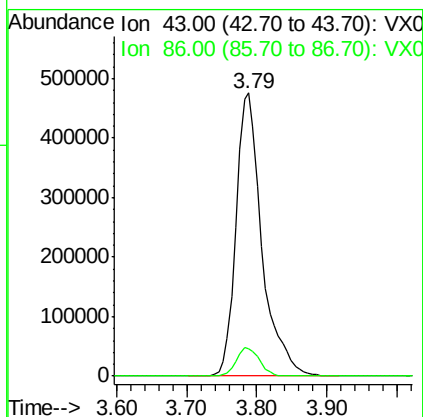
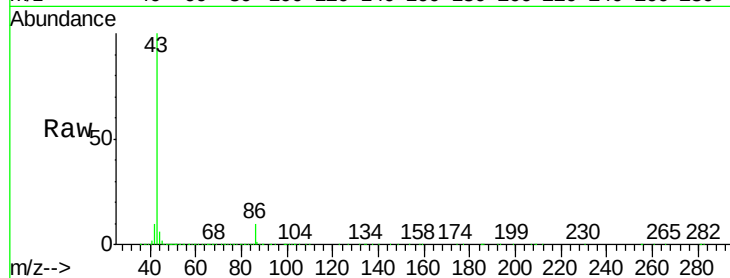
VX0918WBS02

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#24

1,1-Dichloroethane

Concen: 19.082 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

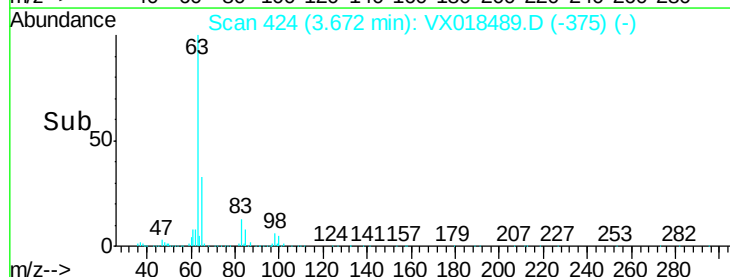
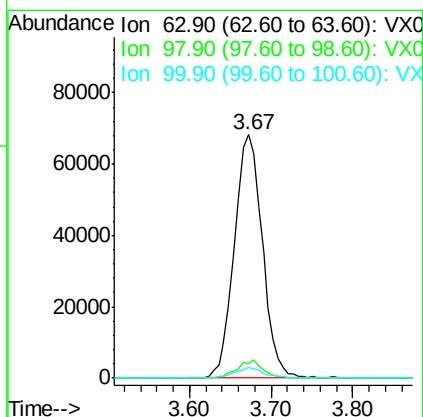
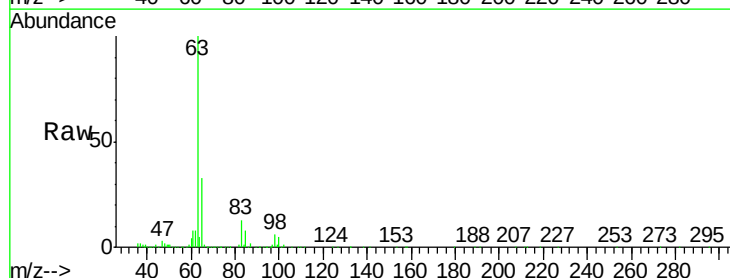
Tgt Ion: 63 Resp: 161892

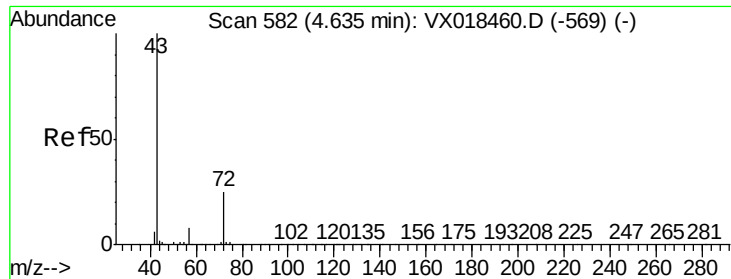
Ion Ratio Lower Upper

63 100

98 6.0 3.5 10.6

100 4.6 1.9 5.7





#25

2-Butanone

Concen: 94.299 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tot Ion: 43 Resp: 331320

Ion Ratio Lower Upper

43 100

72 24.0 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

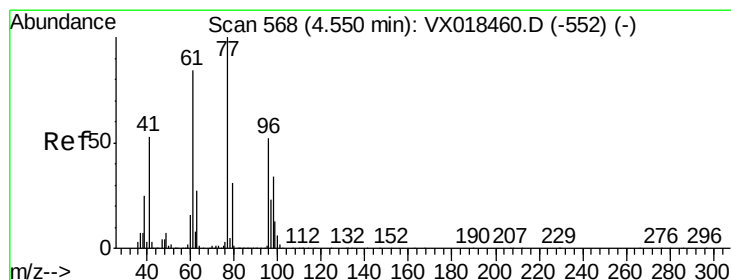
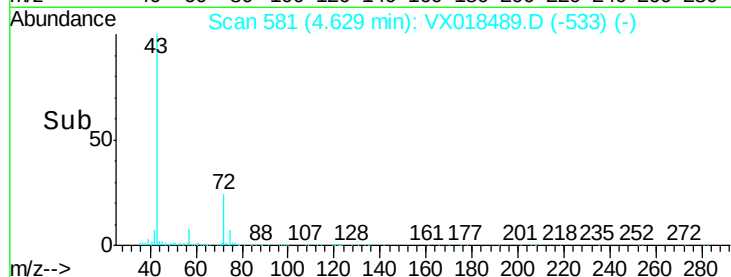
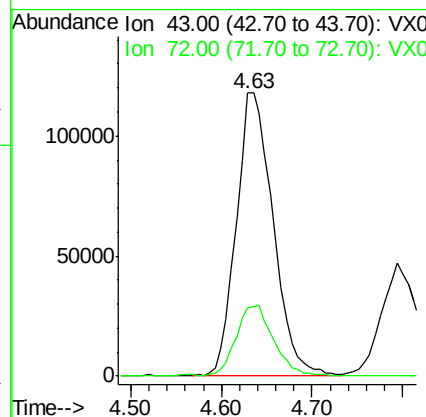
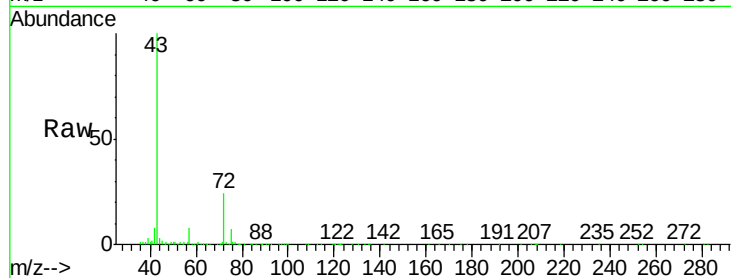
VX0918WBS02

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9/21/2020 11:50:48 AM



#26

2,2-Dichloropropane

Concen: 18.734 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018489.D

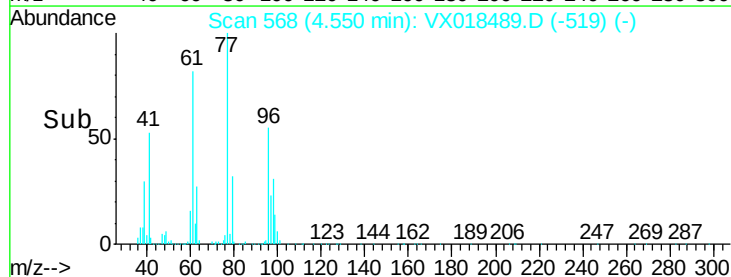
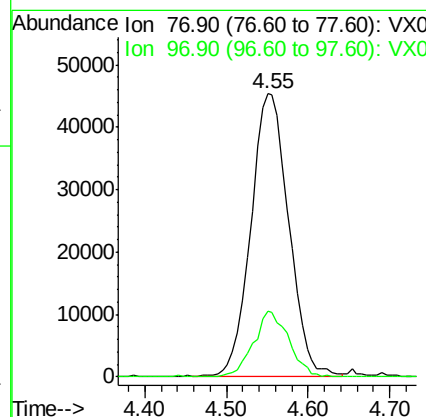
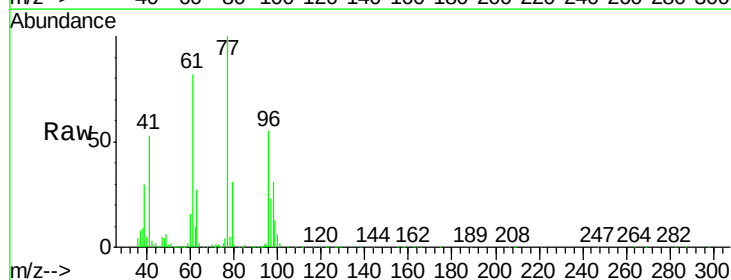
Acq: 18 Sep 2020 13:51

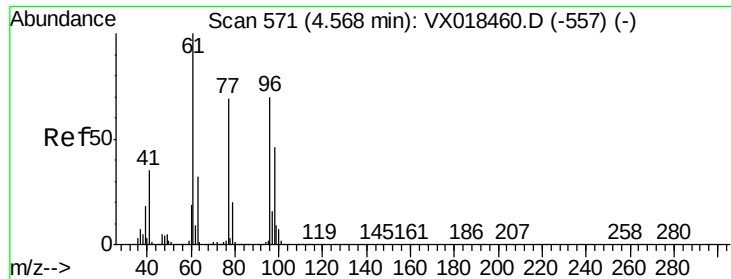
Tgt Ion: 77 Resp: 146848

Ion Ratio Lower Upper

77 100

97 21.7 11.2 33.5





#27

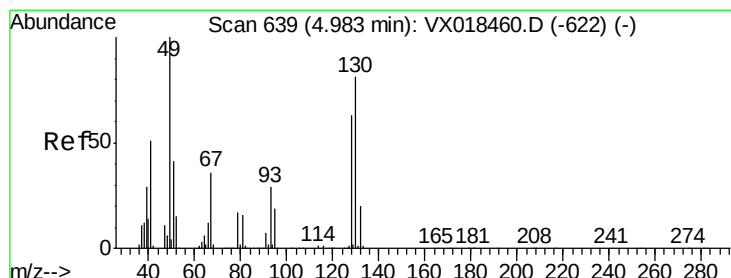
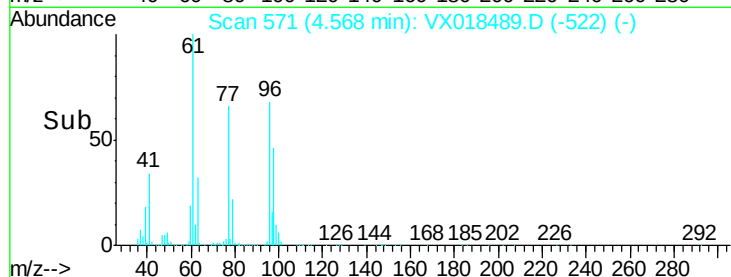
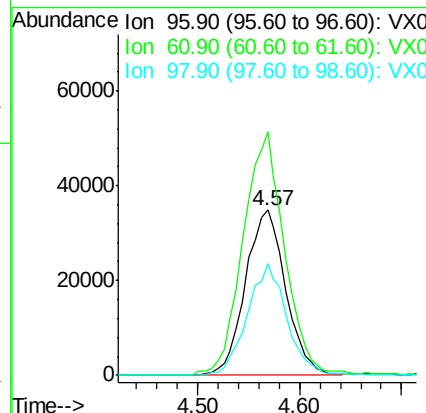
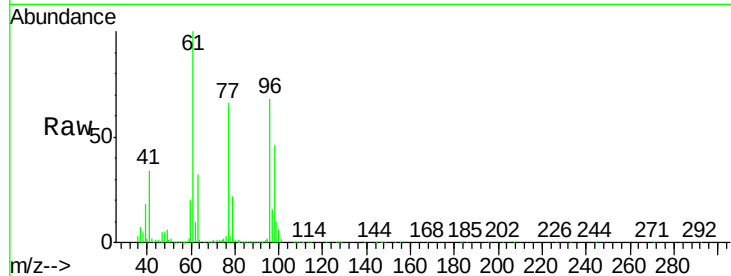
cis-1,2-Dichloroethene
Concen: 18.109 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	300.0
98	67.1	0.0	130.4

Manual Integrations
APPROVED

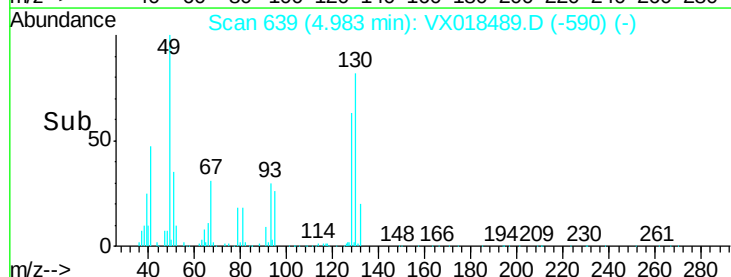
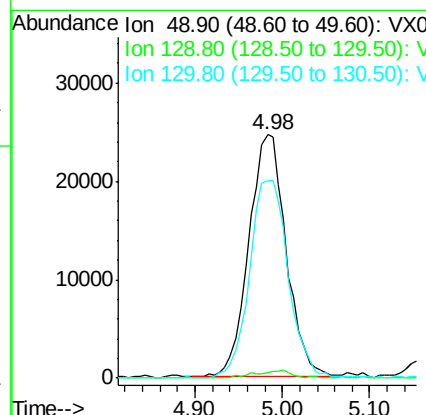
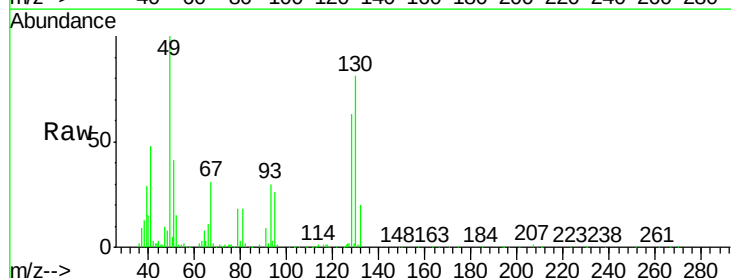
MMDadoda
9/21/2020 11:50:48 AM

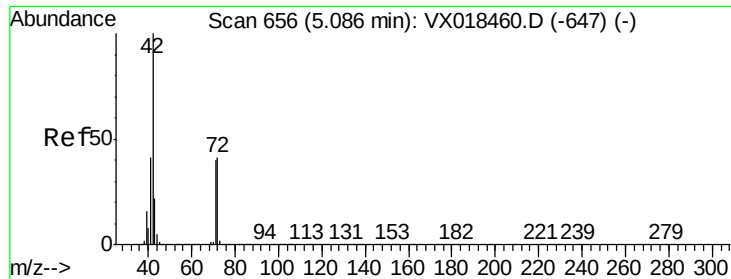


#28

Bromochloromethane
Concen: 18.402 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.1	0.0	4.6
130	84.8	65.0	97.4





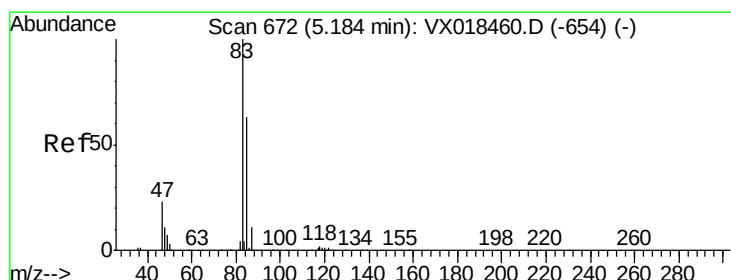
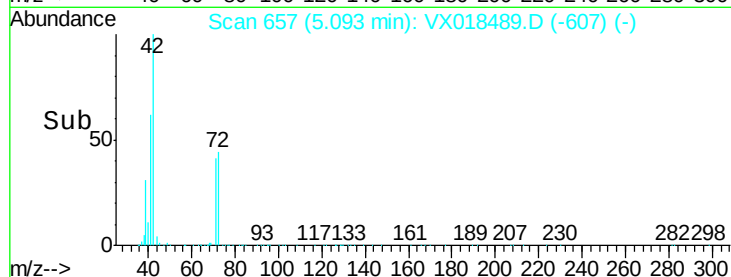
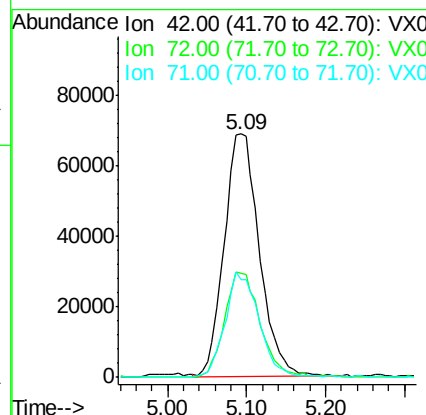
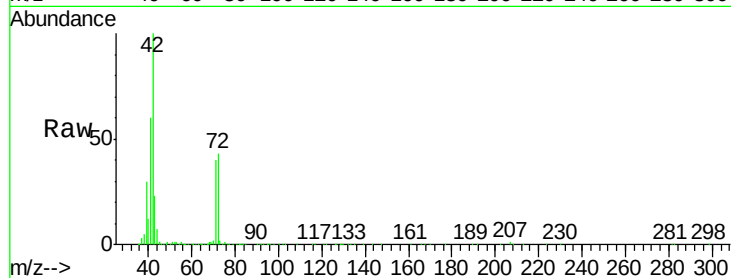
#29
Tetrahydrofuran
Concen: 96.765 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	34.3	51.5
71	41.8	32.1	48.1

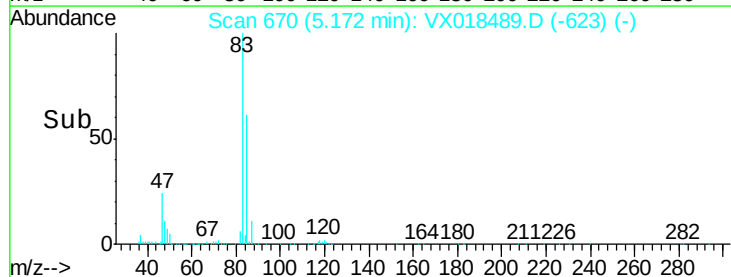
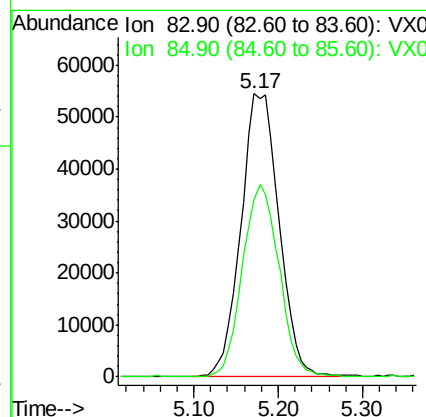
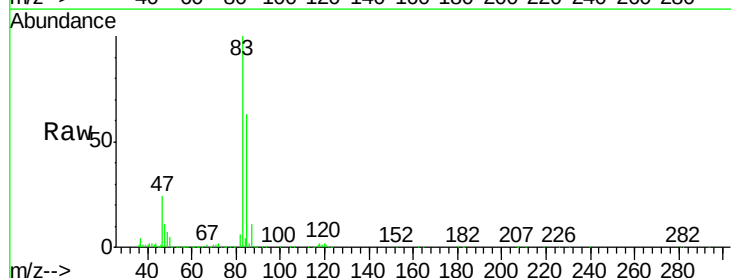
Manual Integrations
APPROVED

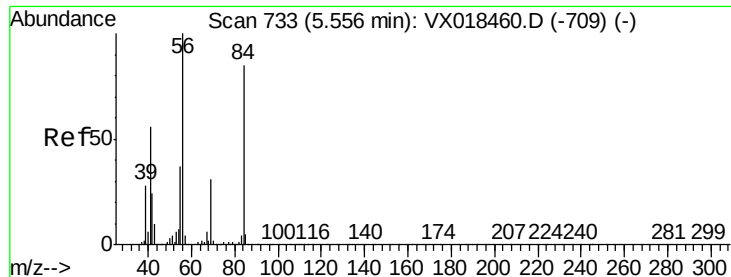
MMDadoda
9/21/2020 11:50:48 AM



#30
Chloroform
Concen: 19.390 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	76.0





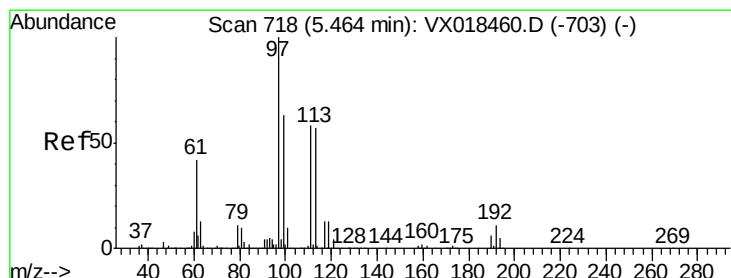
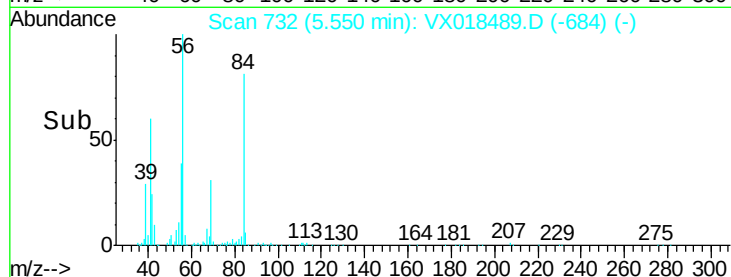
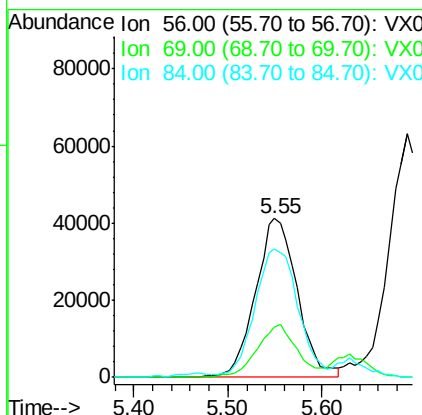
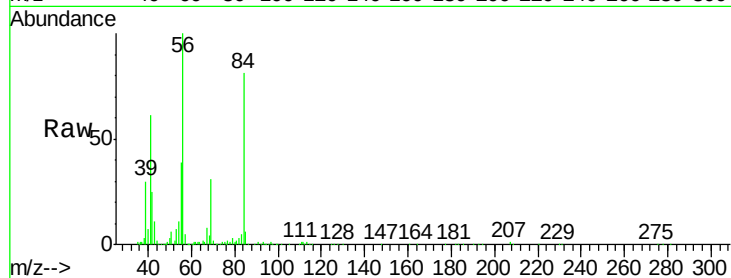
#31
Cyclohexane
Concen: 17.723 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.3	24.8	37.2	
84	79.3	67.6	101.4	

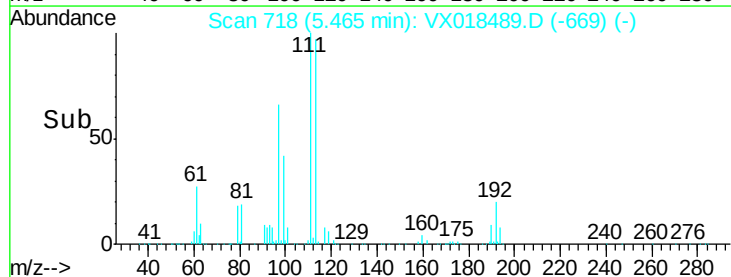
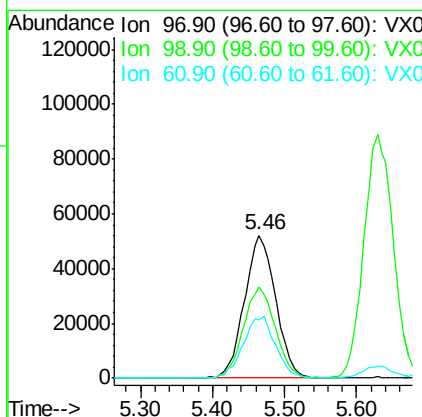
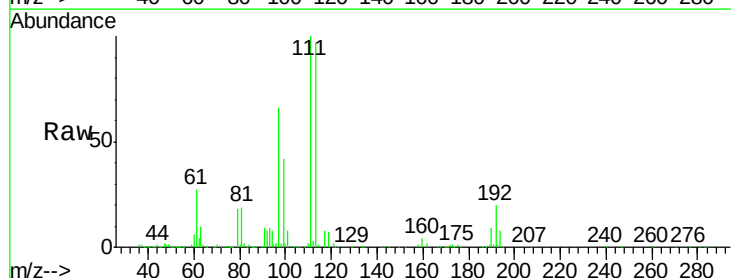
Manual Integrations
APPROVED

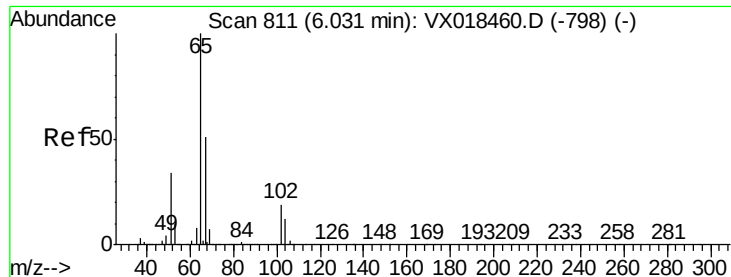
MMDadoda
9/21/2020 11:50:48 AM



#32
1,1,1-Trichloroethane
Concen: 19.449 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.9	50.5	75.7	
61	44.0	33.4	50.2	





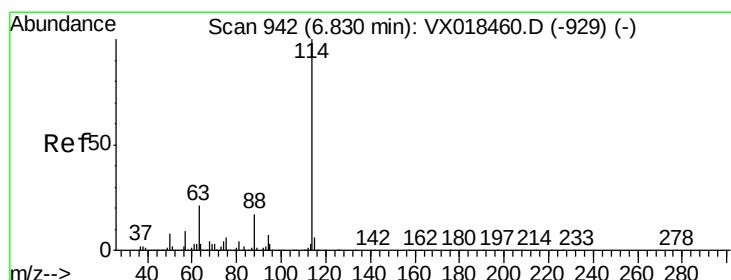
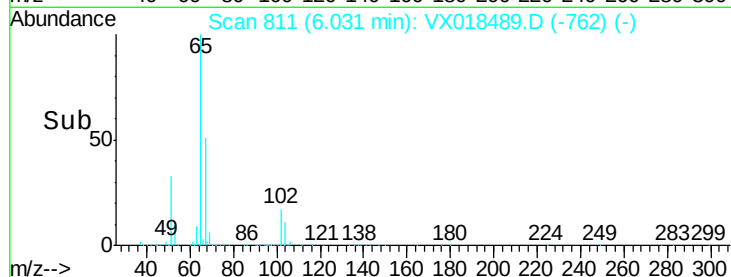
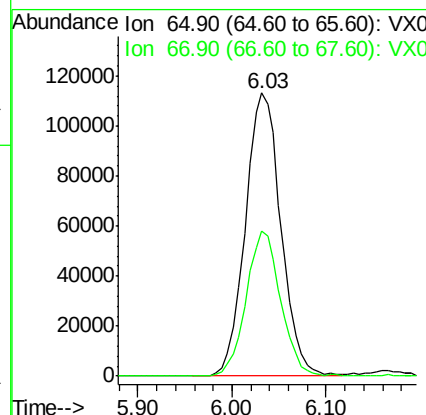
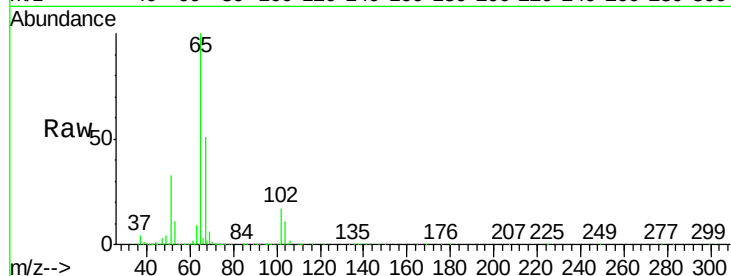
#33
 1,2-Dichloroethane-d4
 Concen: 50.711 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	299171		
67	50.0	0.0	105.6	

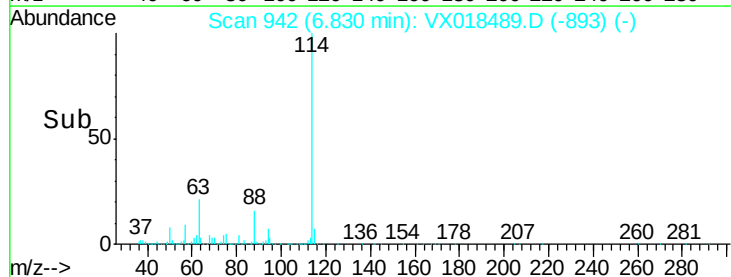
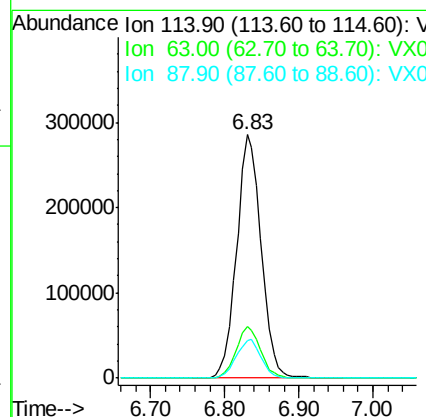
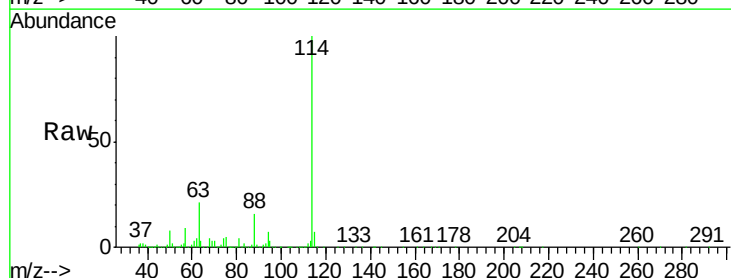
Manual Integrations
 APPROVED

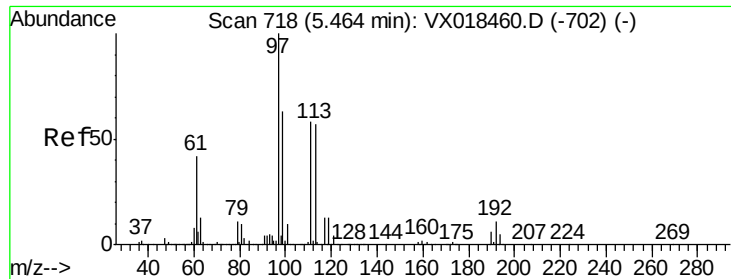
MMDadoda
 9/21/2020 11:50:48 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	658068		
63	21.0	0.0	42.8	
88	15.5	0.0	33.6	





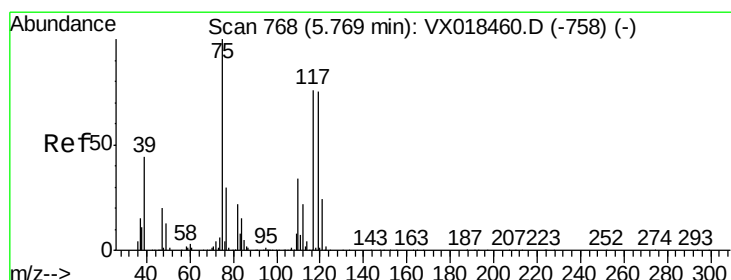
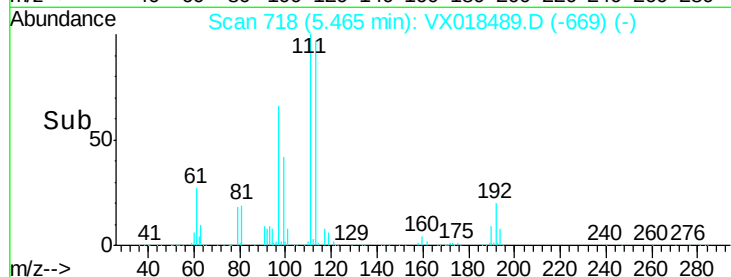
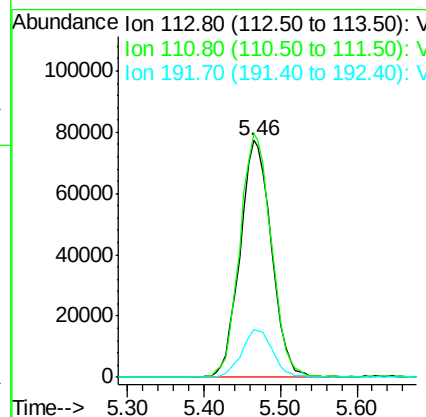
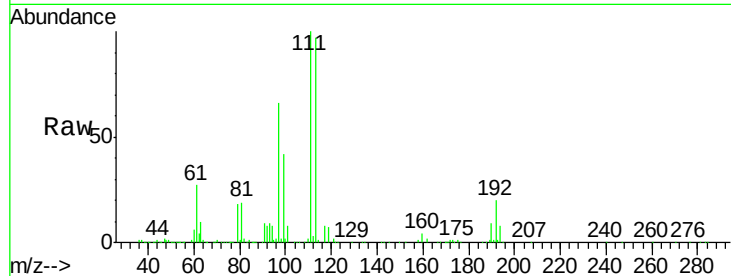
#35
 Dibromofluoromethane
 Concen: 48.508 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampled :
 VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	220677		
111	103.3	81.4	122.2	
192	19.9	16.6	24.8	

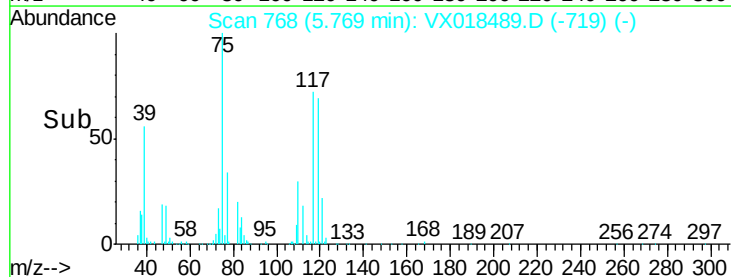
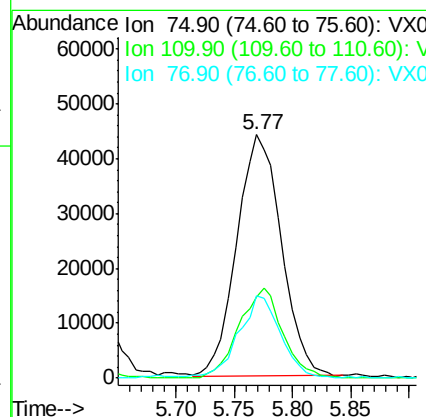
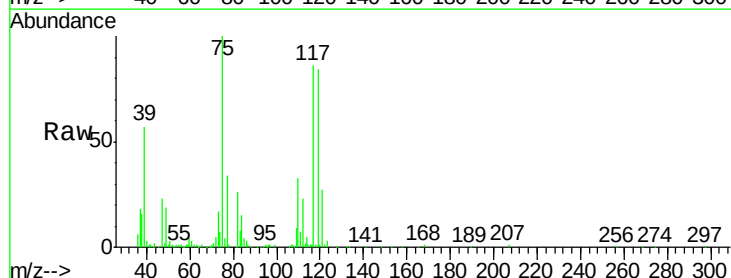
Manual Integrations
 APPROVED

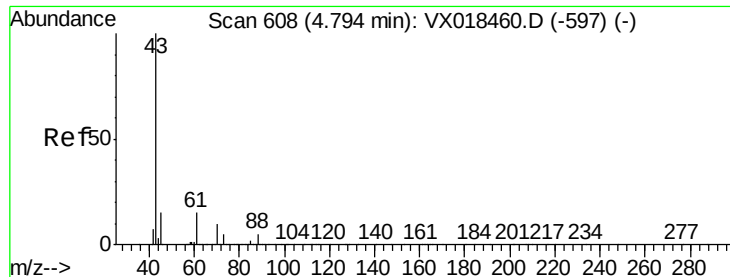
MMDadoda
 9/21/2020 11:50:48 AM



#36
 1,1-Dichloropropene
 Concen: 18.384 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	117426		
110	36.6	17.6	52.8	
77	31.2	25.0	37.6	





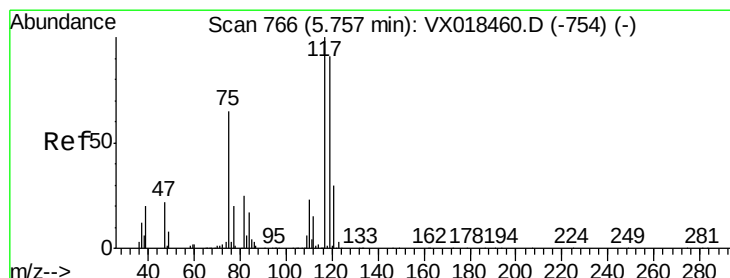
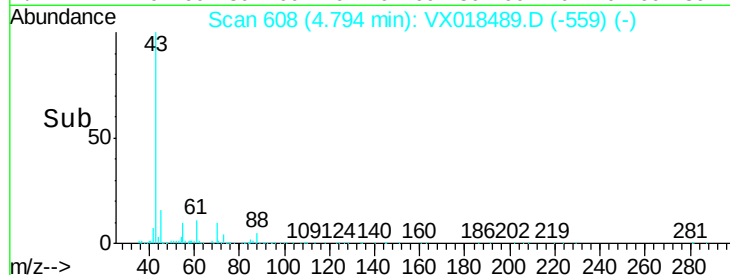
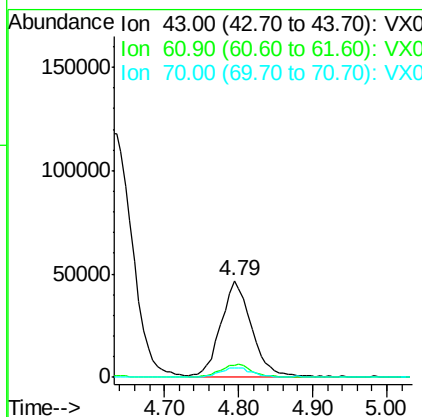
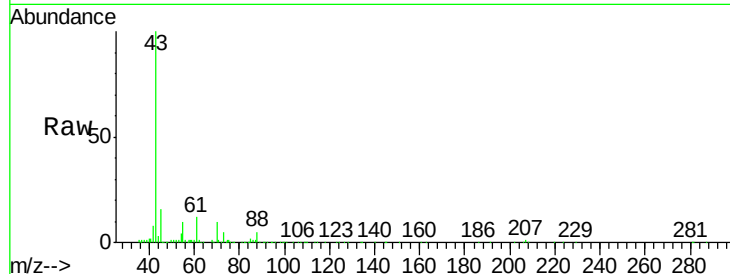
#37
Ethyl Acetate
Concen: 19.618 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.1	8.3	12.5

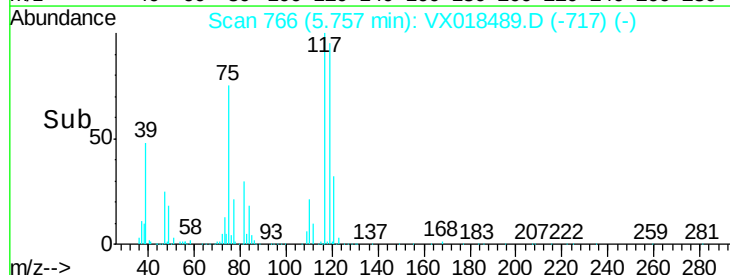
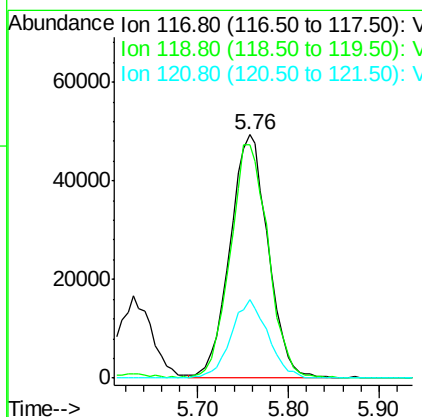
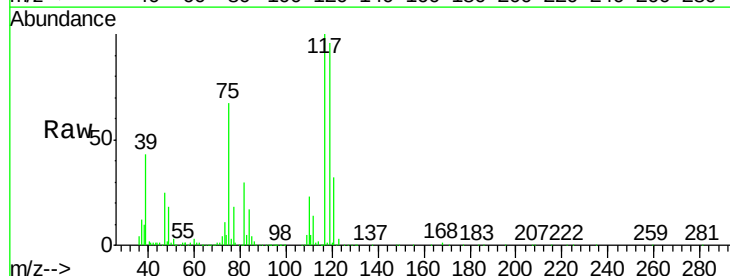
Manual Integrations
APPROVED

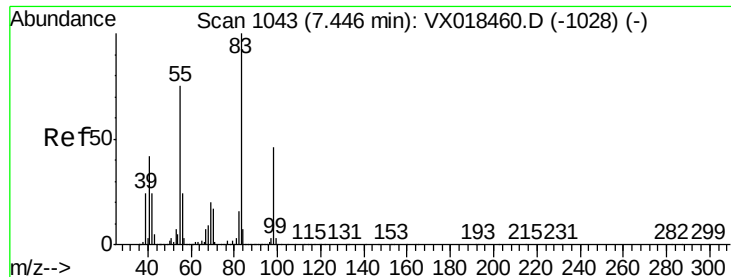
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.320 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	72.3	108.5
121	32.1	23.8	35.8





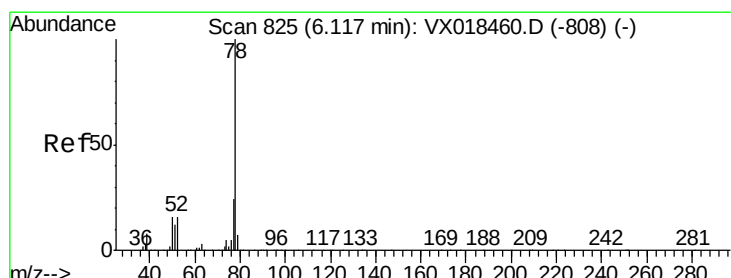
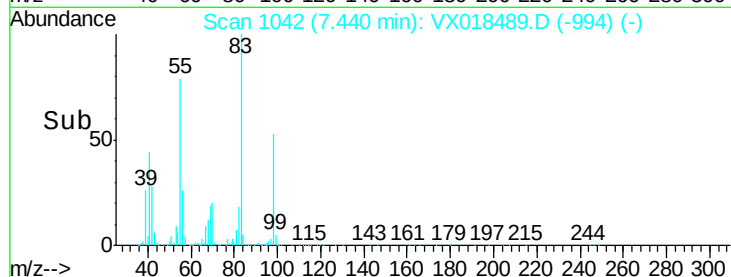
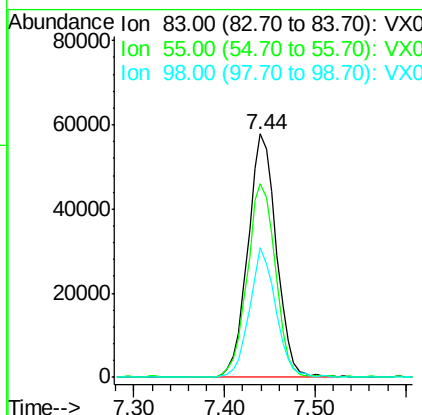
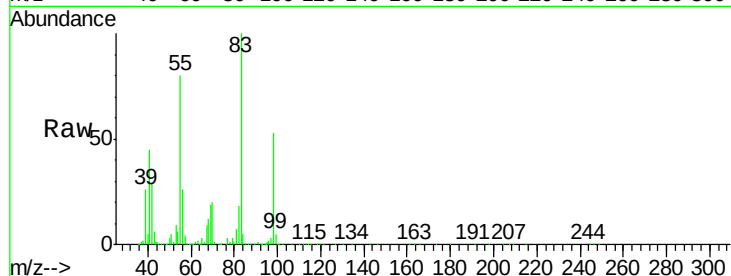
#39
Methylvlcyclohexane
Concen: 17.513 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	125673		
55	79.4		60.2	90.4
98	53.3		36.4	54.6

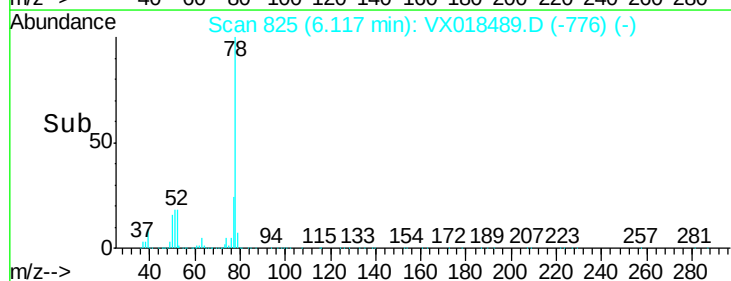
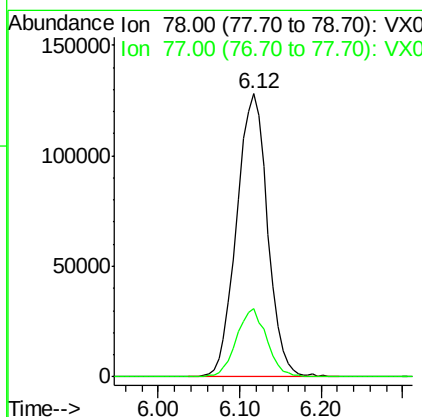
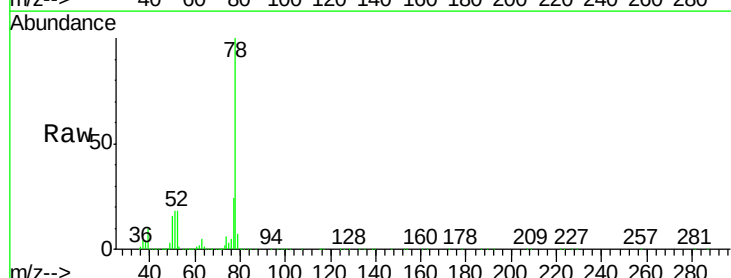
Manual Integrations
APPROVED

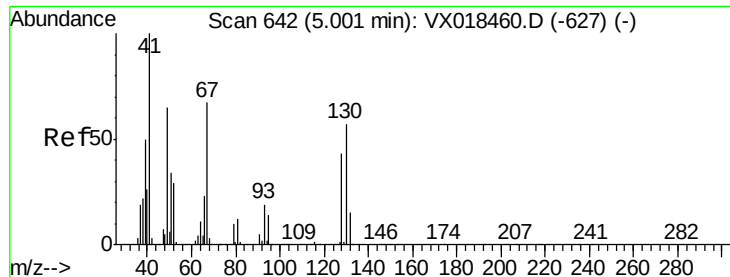
MMDadoda
9/21/2020 11:50:48 AM



#40
Benzene
Concen: 18.428 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	337313		
77	24.3		19.0	28.4





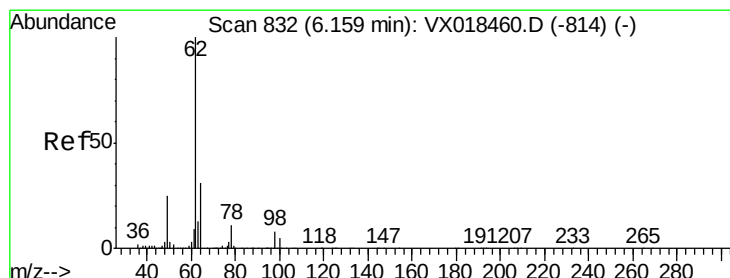
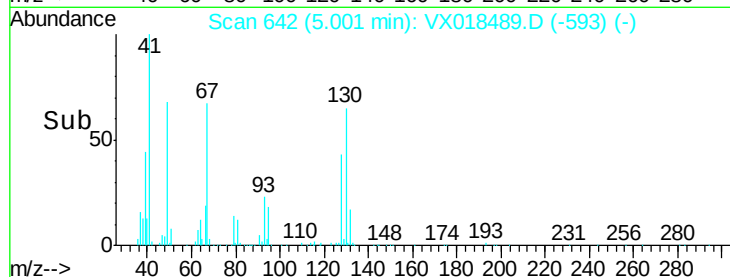
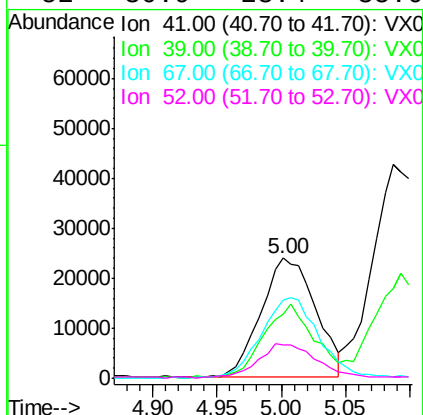
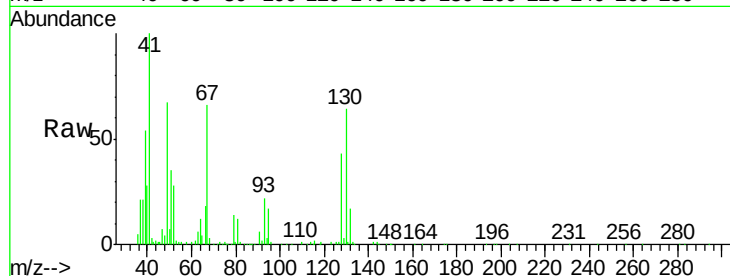
#41
Methacrylonitrile
Concen: 18.563 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	45.3	67.9
67	71.1	56.7	85.1
52	30.9	23.4	35.0

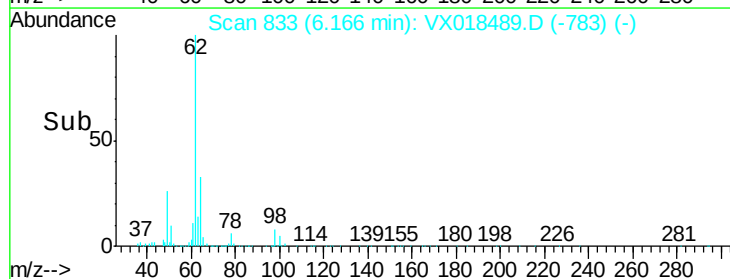
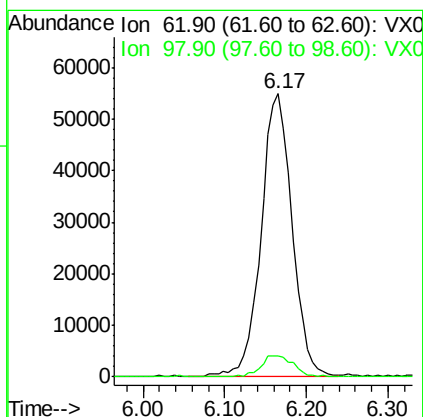
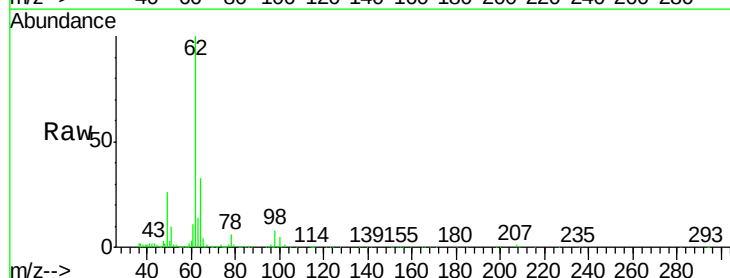
Manual Integrations
APPROVED

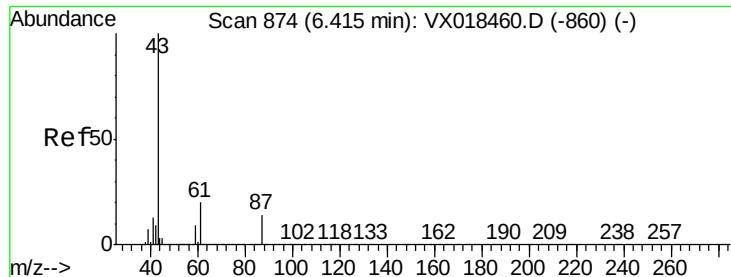
MMDadoda
9/21/2020 11:50:48 AM



#42
1,2-Dichloroethane
Concen: 20.309 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.6





#43

Isopropyl Acetate

Concen: 18.536 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

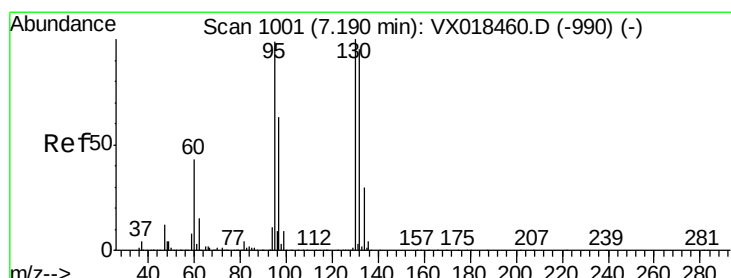
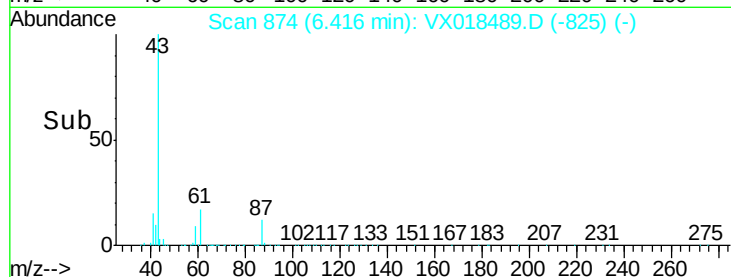
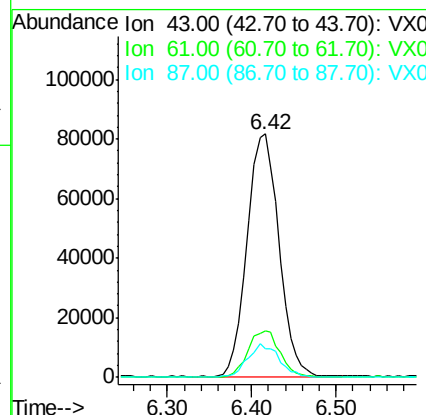
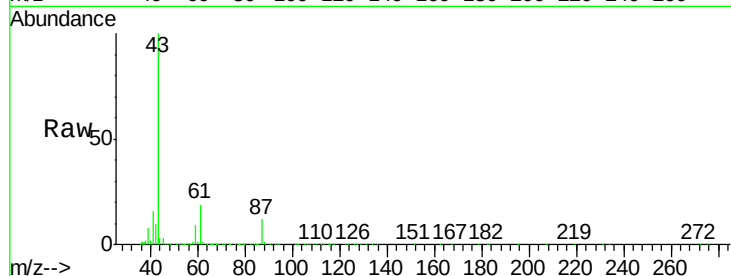
ClientSampleId :

VX0918WBS02

Tot Ion:	43	Resp:	209795
Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.7	23.5
87	13.6	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 19.199 ug/l

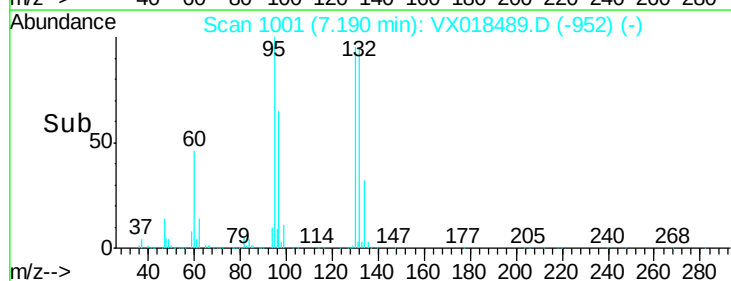
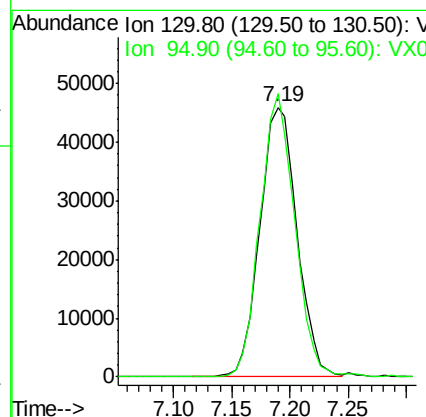
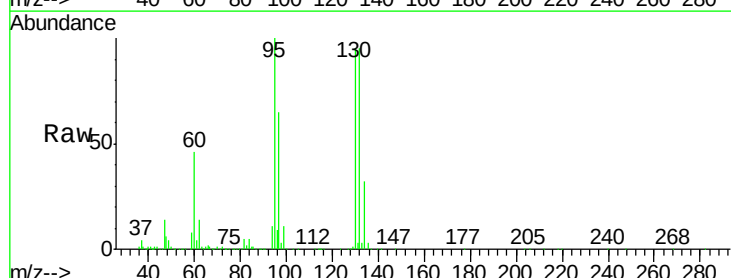
RT: 7.19 min Scan# 1001

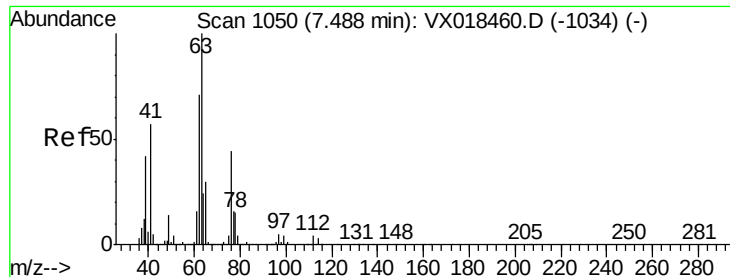
Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	130	Resp:	101735
Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	197.4





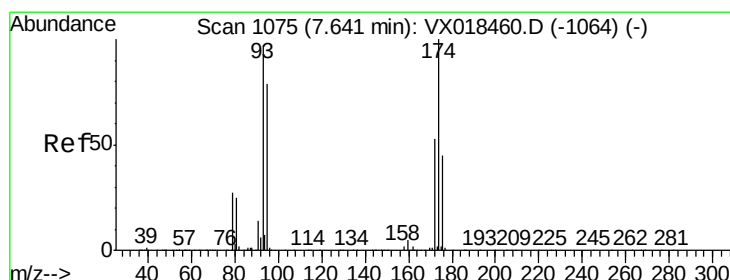
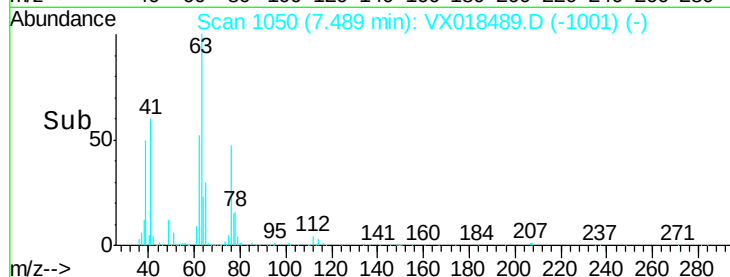
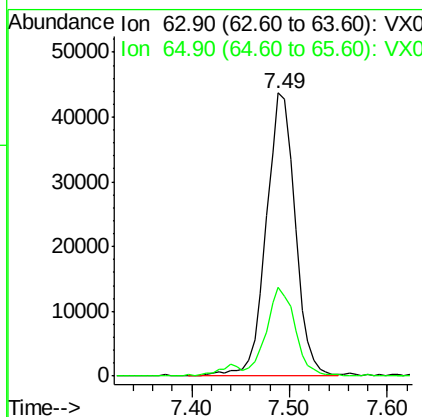
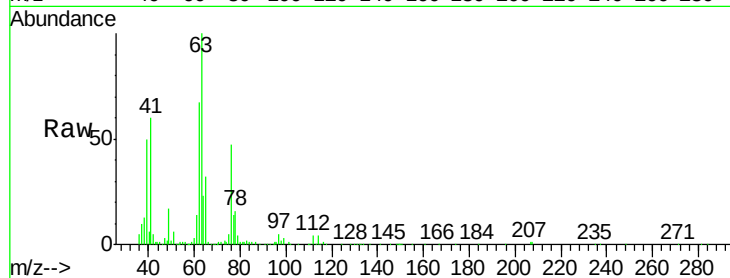
#45
 1,2-Dichloropropane
 Concen: 18.056 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.1	36.1

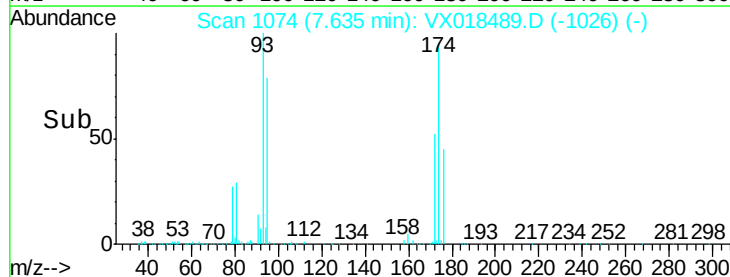
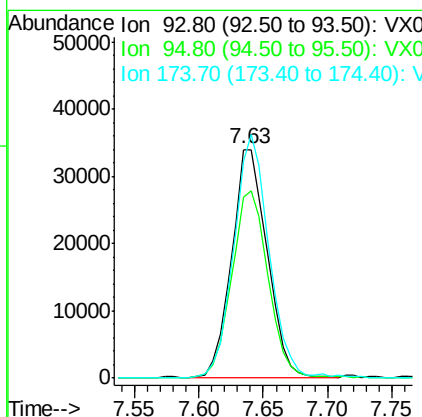
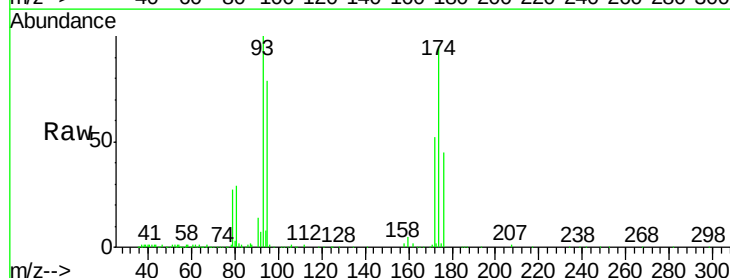
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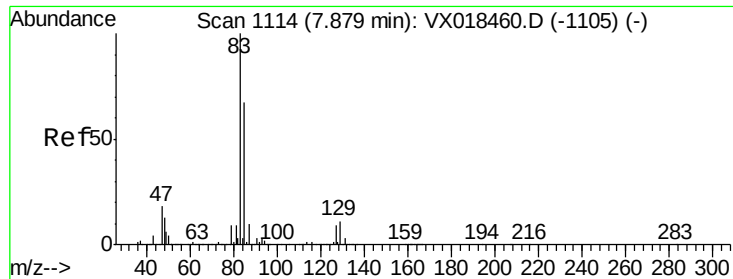
MMDadoda
 9/21/2020 11:50:48 AM



#46
 Dibromomethane
 Concen: 19.000 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.0	97.4
174	105.4	82.0	123.0





#47

Bromodichloromethane

Concen: 19.681 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

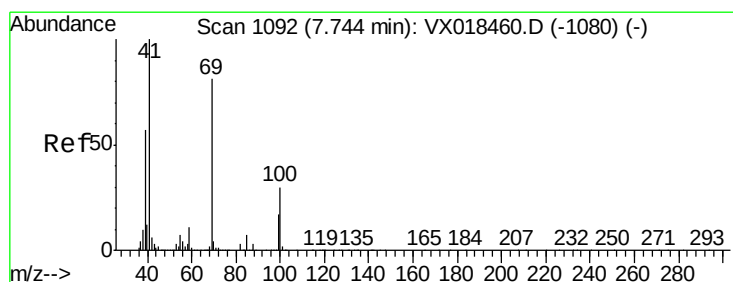
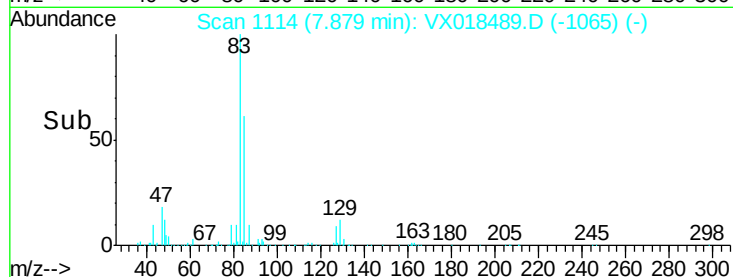
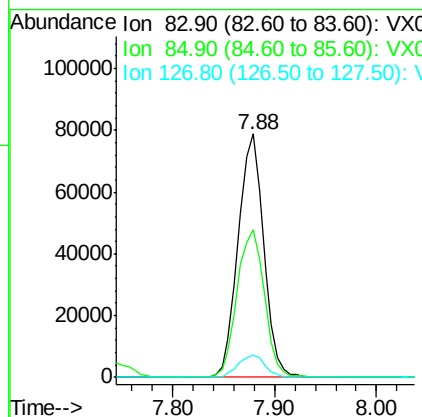
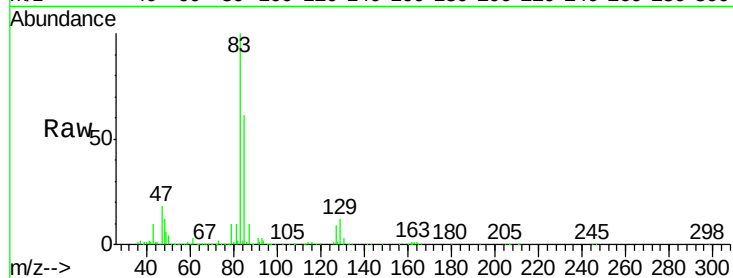
ClientSampleId :

VX0918WBS02

Tot Ion:	83	Resp:	136910
Ion Ratio	Lower	Upper	
83	100		
85	60.4	53.3	79.9
127	9.3	7.4	11.2

Manual Integrations
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MMDadoda
9/21/2020 11:50:48 AM



#48

Methyl methacrylate

Concen: 18.983 ug/l

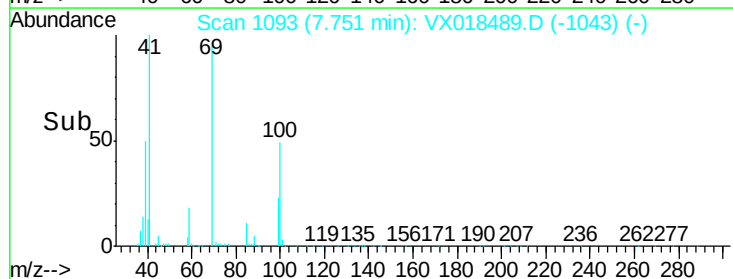
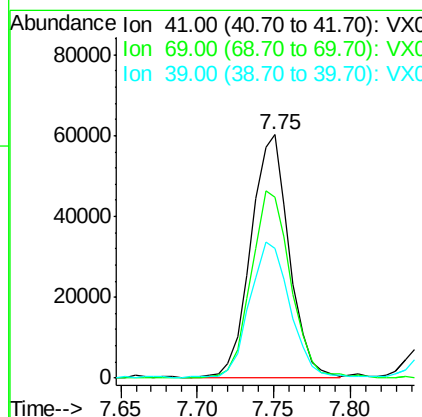
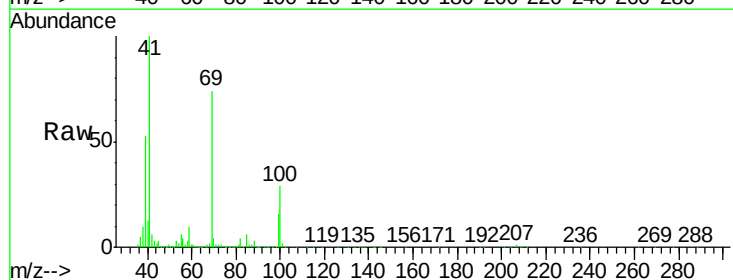
RT: 7.75 min Scan# 1093

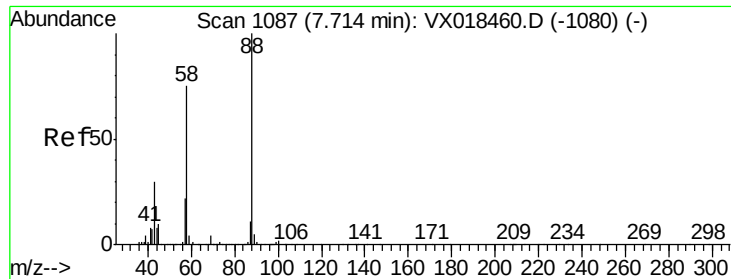
Delta R.T. 0.01 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	41	Resp:	104581
Ion Ratio	Lower	Upper	
41	100		
69	80.2	63.7	95.5
39	58.3	45.0	67.4





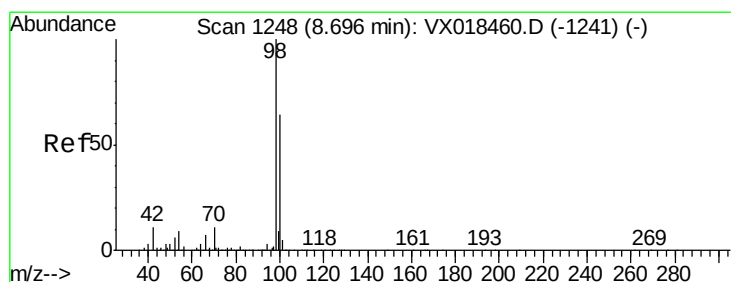
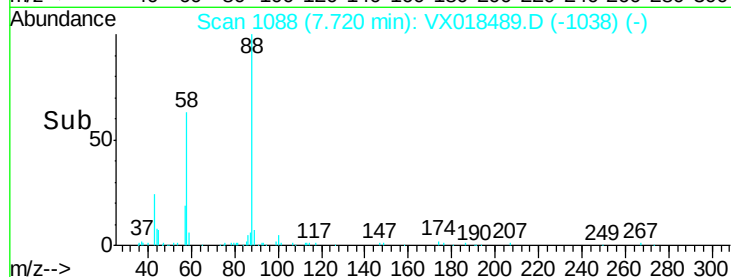
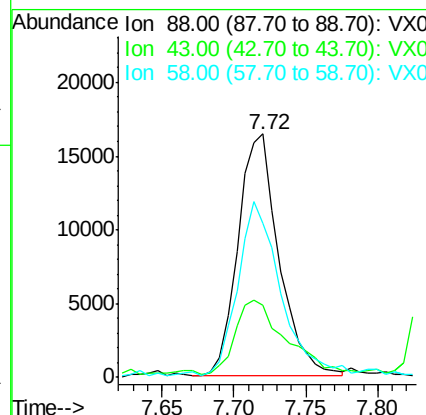
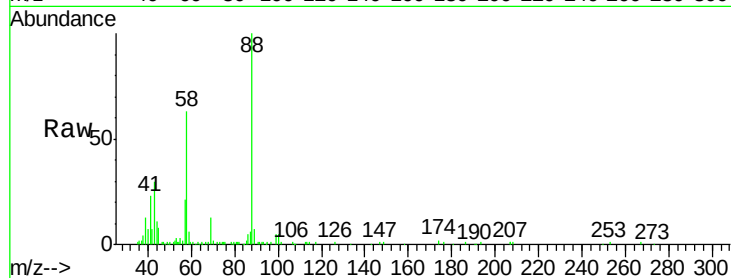
#49
1,4-Dioxane
Concen: 356.579 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.5	29.9	44.9
58	75.9	59.0	88.6

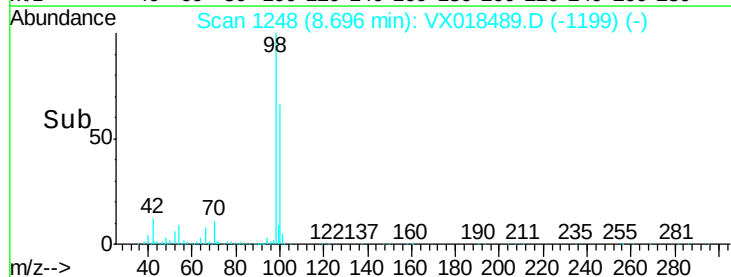
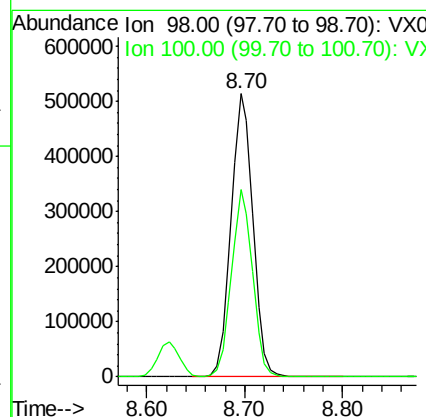
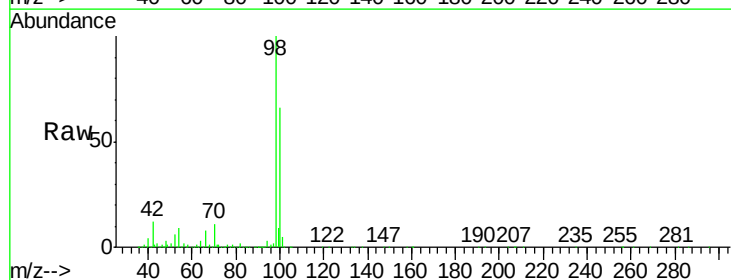
Manual Integrations
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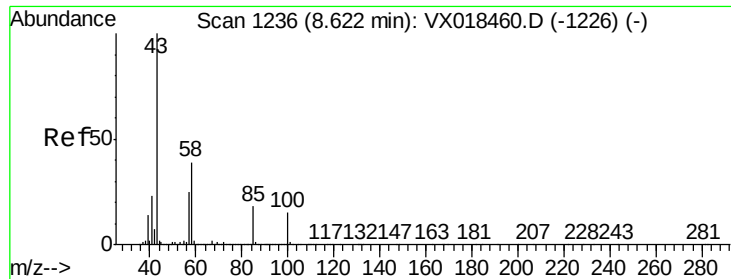
MMDadoda
9/21/2020 11:50:48 AM



#50
Toluene-d8
Concen: 48.196 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.7	77.5





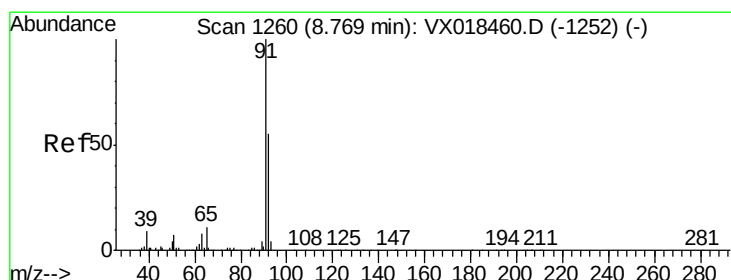
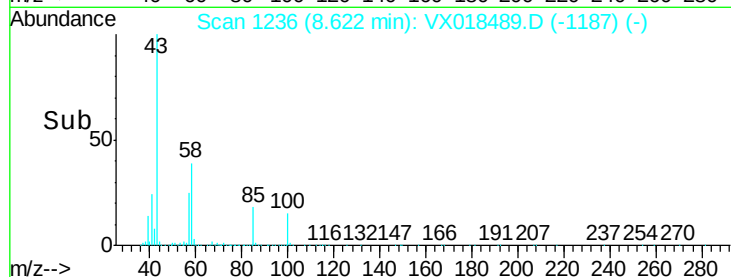
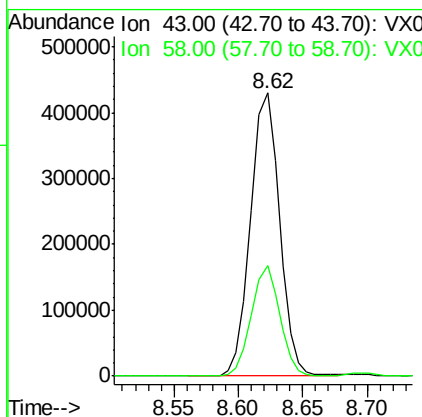
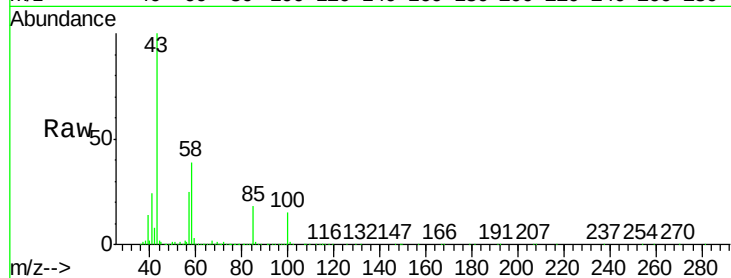
#51
4-Methyl-2-Pentanone
Concen: 99.268 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.9	46.3

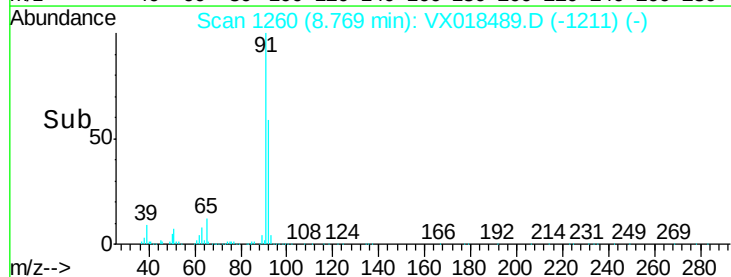
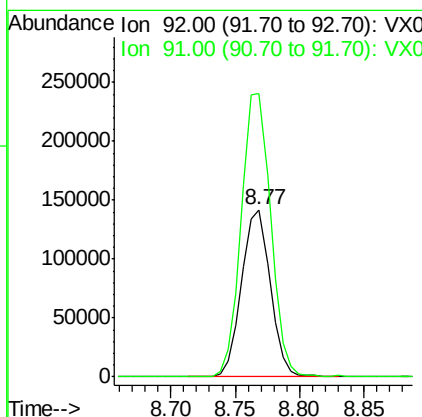
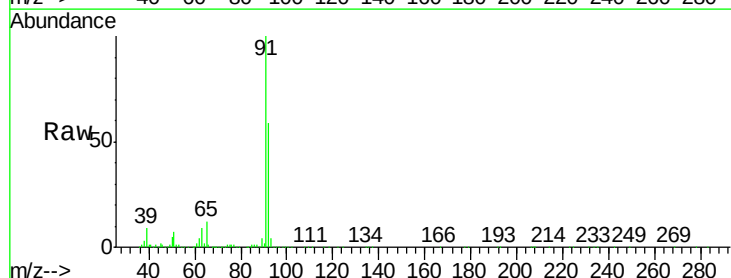
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APPROVED

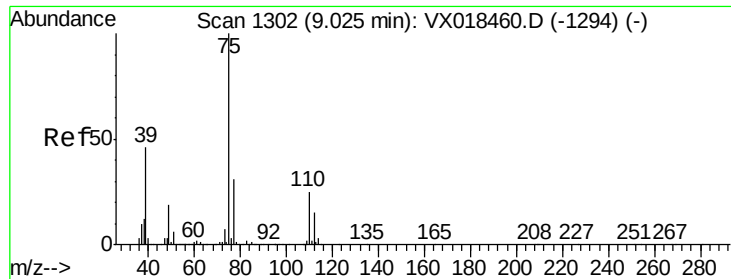
MMDadoda
9/21/2020 11:50:48 AM



#52
Toluene
Concen: 19.060 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.0	140.6	210.8





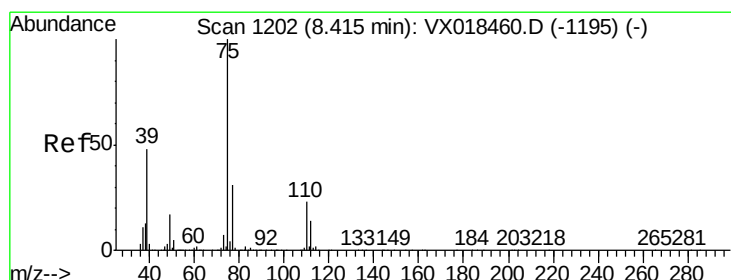
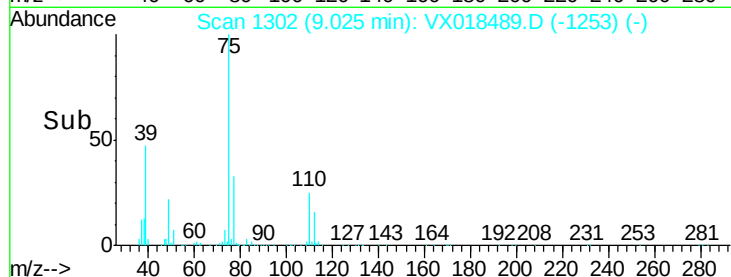
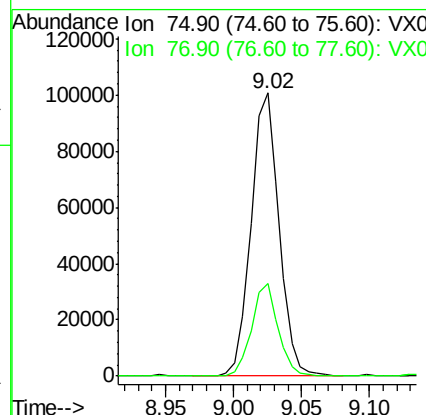
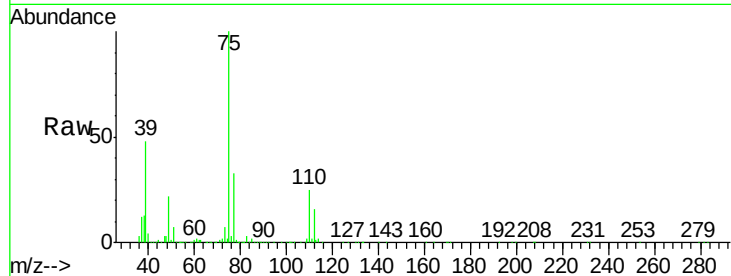
#53
t-1,3-Dichloropropene
Concen: 18.416 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.1	37.7

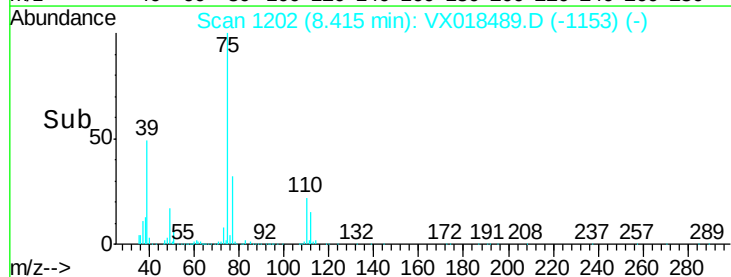
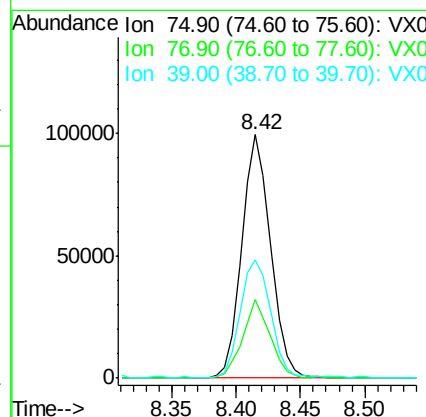
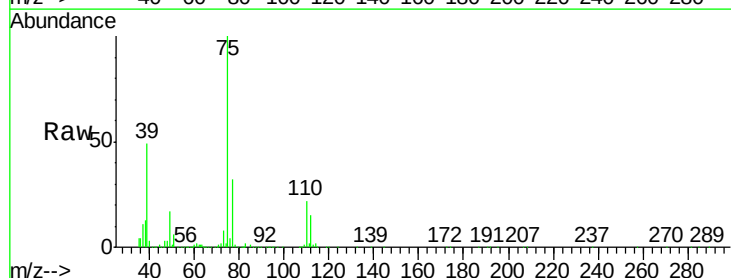
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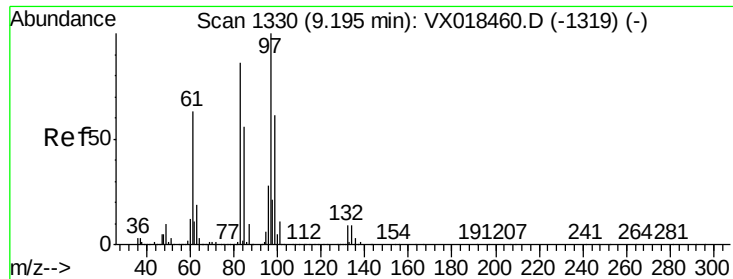
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.967 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	48.6	38.6	58.0





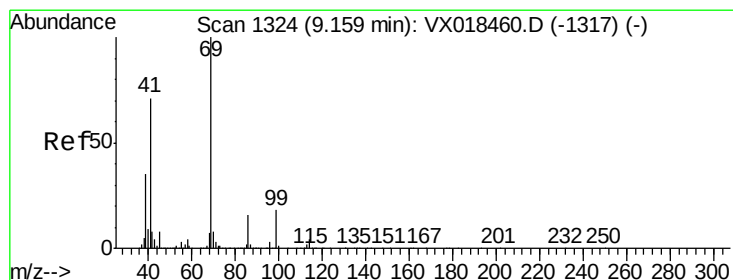
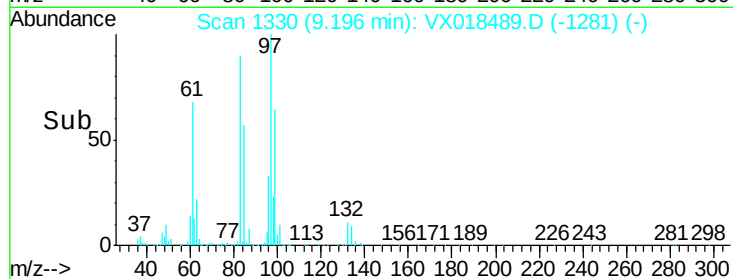
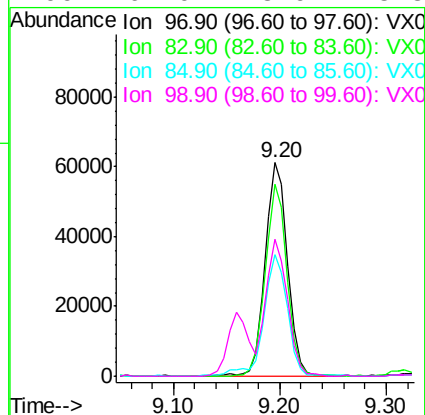
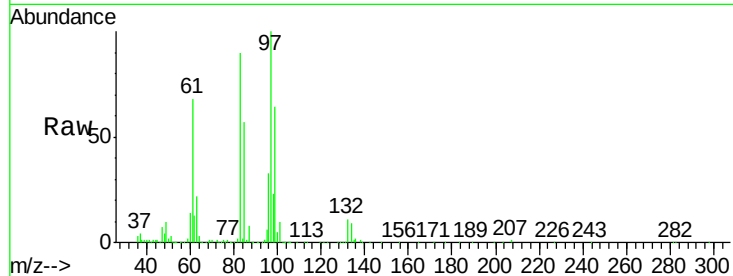
#55
 1,1,2-Trichloroethane
 Concen: 18.921 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion:	97	Resp:	90437
Ion Ratio	Lower	Upper	
97	100		
83	90.2	68.5	102.7
85	56.7	44.8	67.2
99	64.0	48.9	73.3

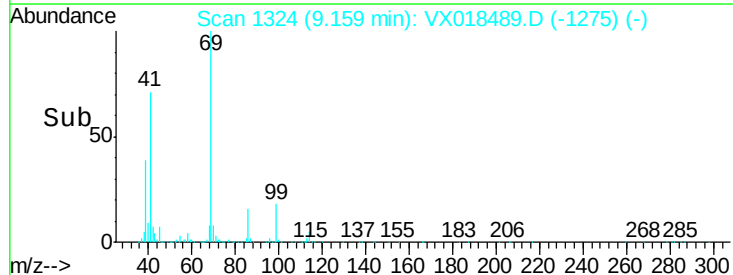
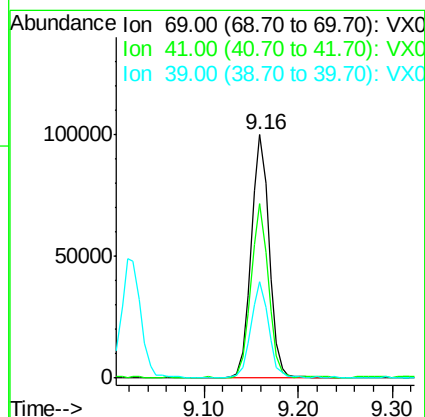
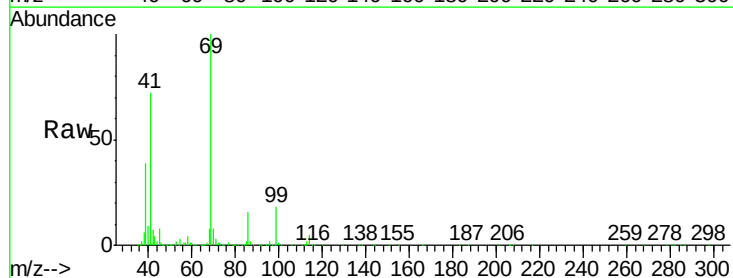
Manual Integrations
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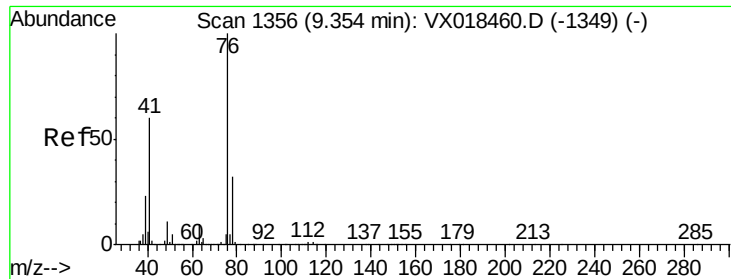
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 9/21/2020 11:50:48 AM



#56
 Ethyl methacrylate
 Concen: 18.901 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion:	69	Resp:	133957
Ion Ratio	Lower	Upper	
69	100		
41	69.8	54.6	81.8
39	38.5	29.3	43.9





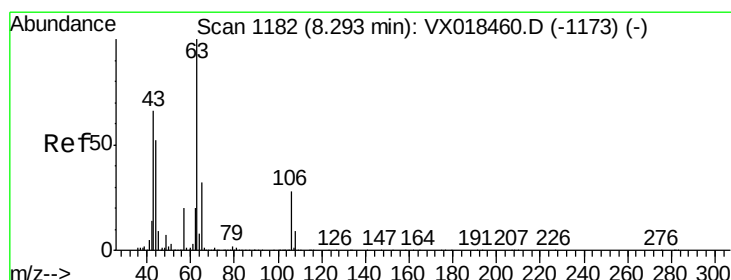
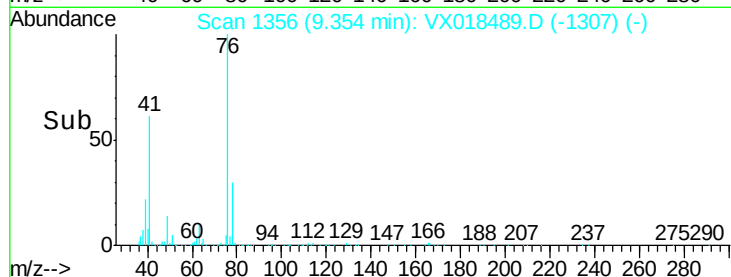
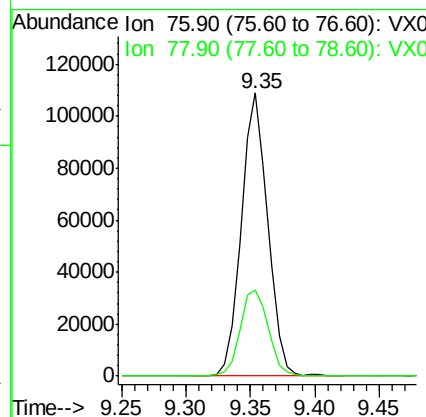
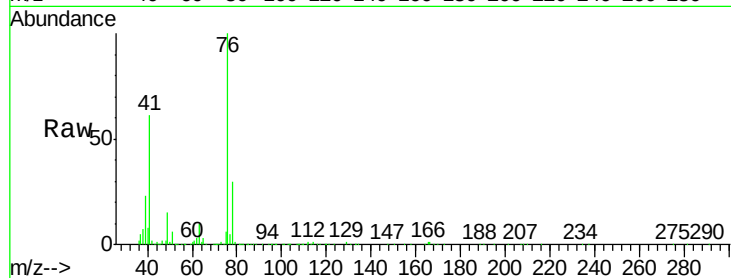
#57
 1,3-Dichloropropane
 Concen: 19.189 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.6	38.4

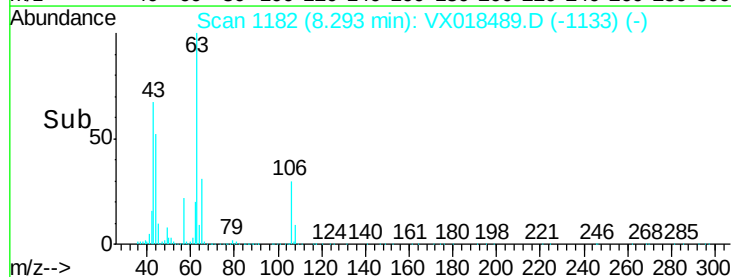
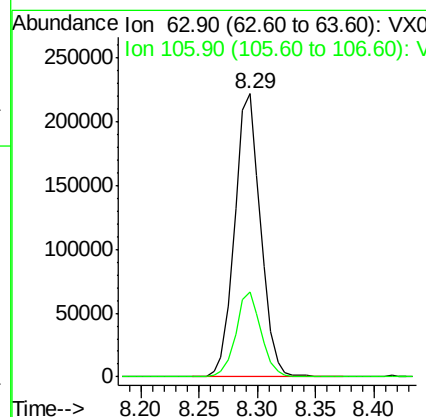
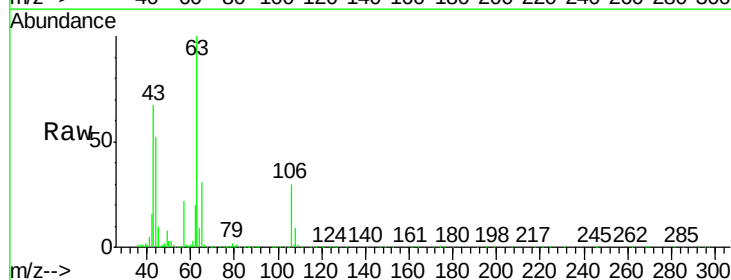
Manual Integrations
 APPROVED

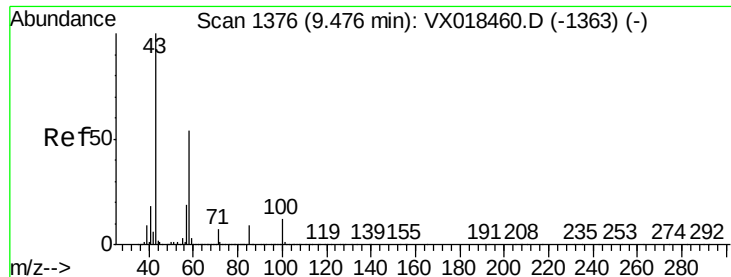
MMDadoda
 9/21/2020 11:50:48 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 91.195 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	22.2	33.2





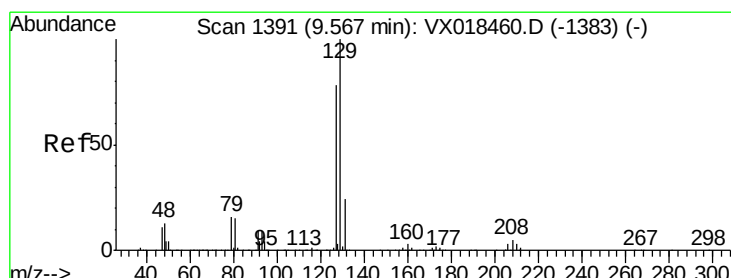
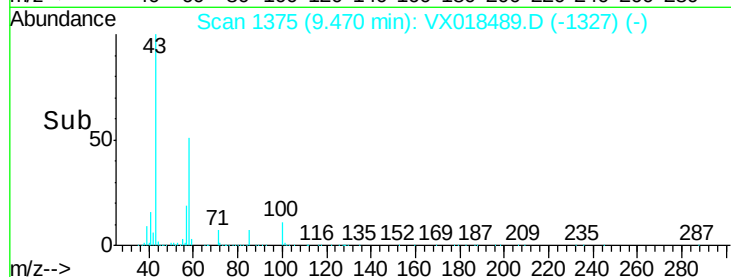
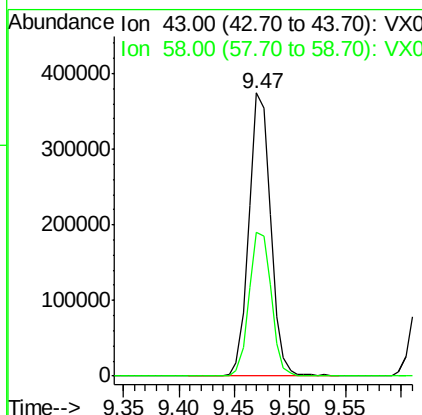
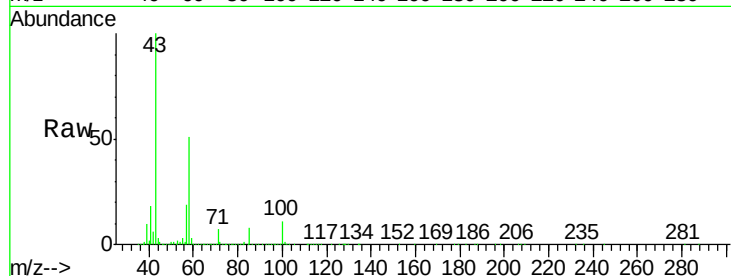
#59
2-Hexanone
Concen: 99.372 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion: 43 Resp: 509366
Ion Ratio Lower Upper
43 100
58 52.0 26.5 79.4

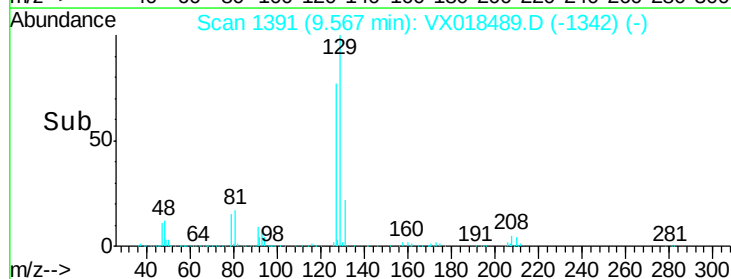
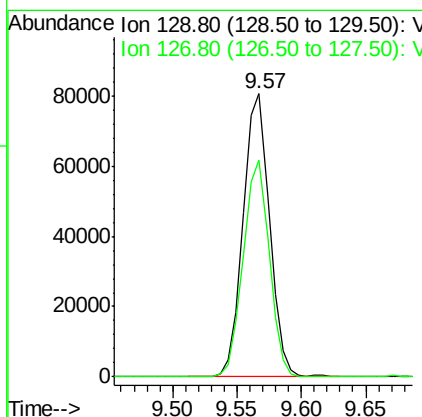
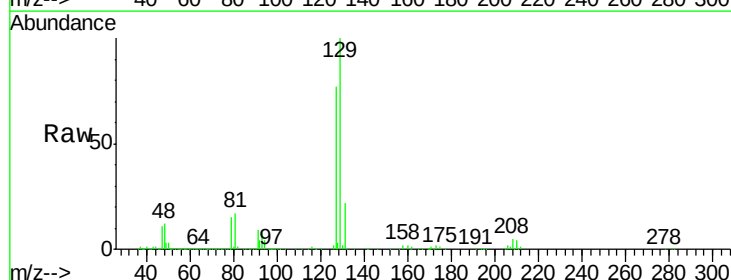
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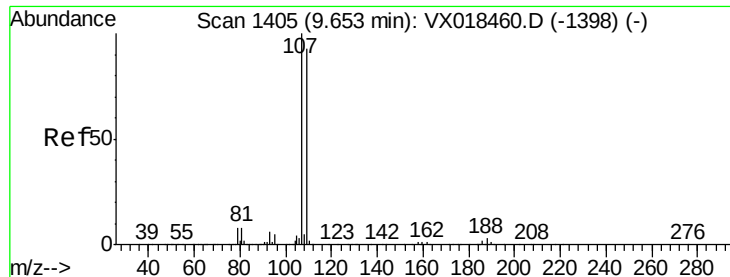
MMDadoda
9/21/2020 11:50:48 AM



#60
Dibromochloromethane
Concen: 20.066 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion: 129 Resp: 114364
Ion Ratio Lower Upper
129 100
127 75.6 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.380 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion: 107 Resp: 98559

Ion Ratio Lower Upper

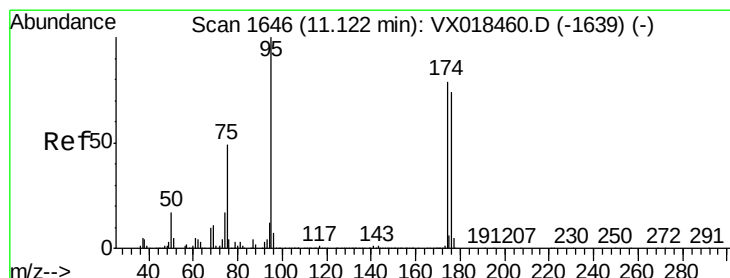
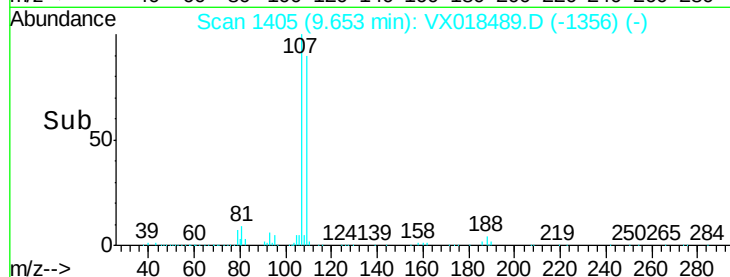
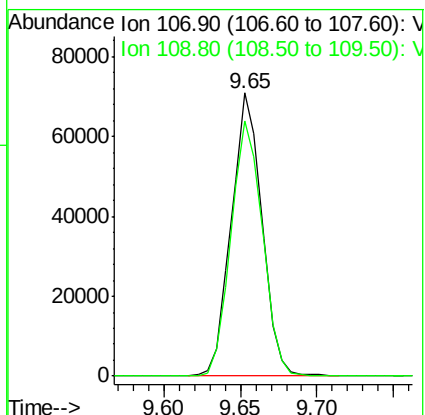
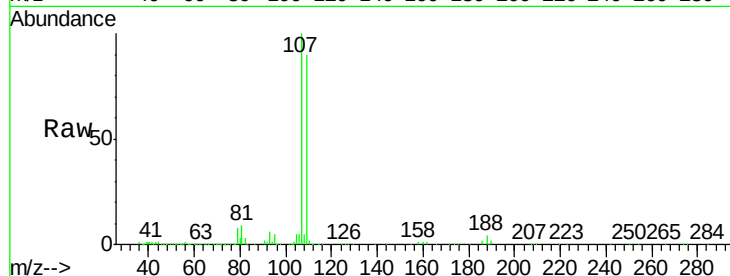
107 100

109 92.6 75.9 113.9

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9/21/2020 11:50:48 AM



#62

4-Bromofluorobenzene

Concen: 47.473 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

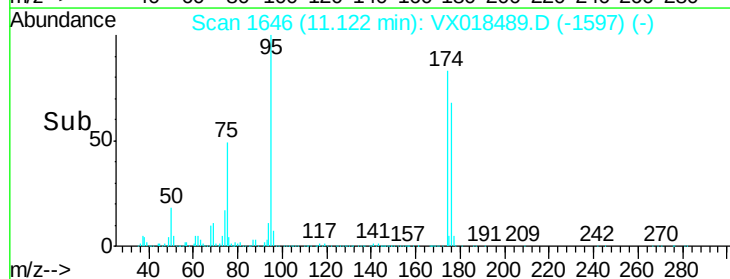
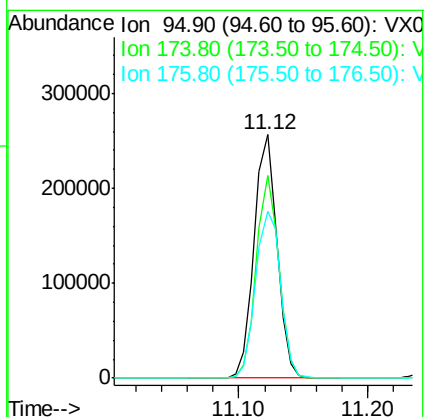
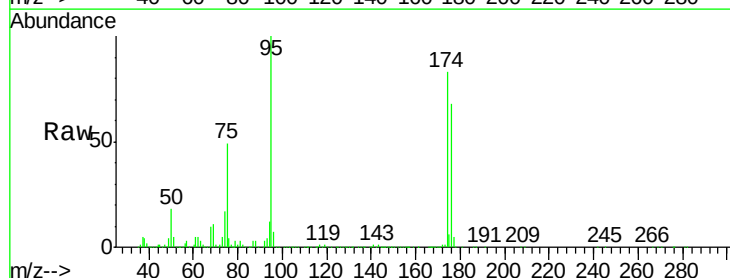
Tgt Ion: 95 Resp: 312134

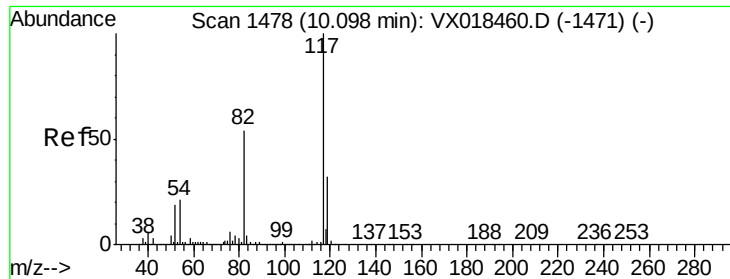
Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.4

176 74.8 0.0 151.4





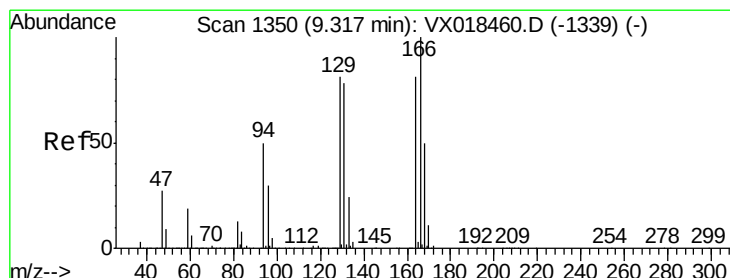
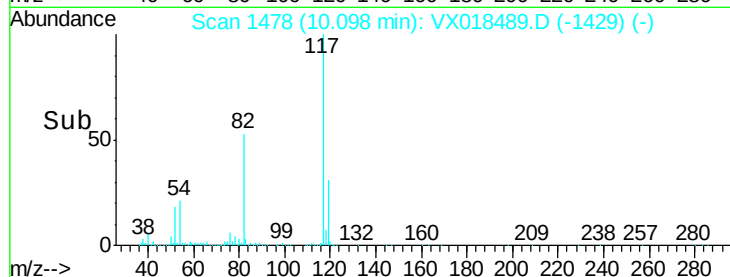
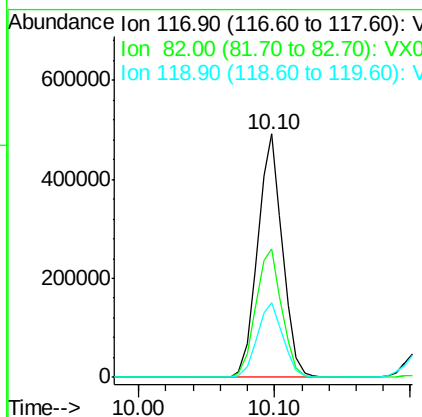
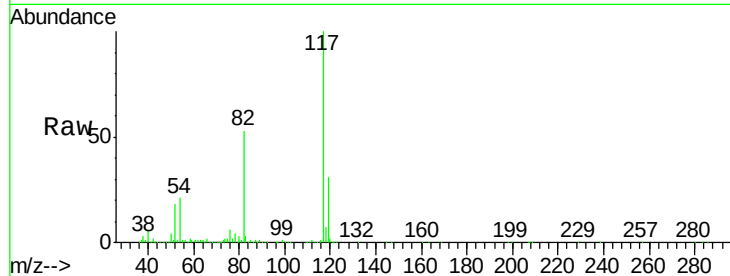
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	629631		
82	53.0		43.3	64.9
119	30.8		25.9	38.9

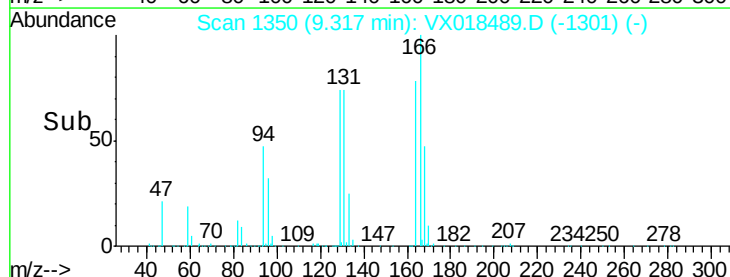
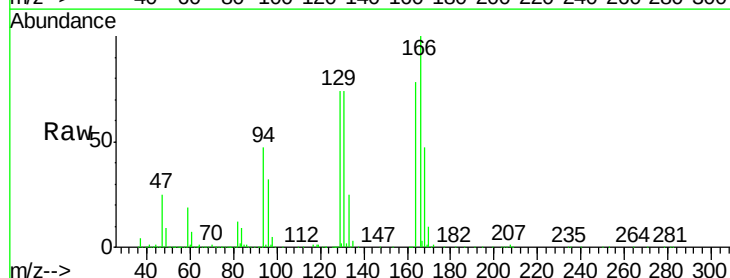
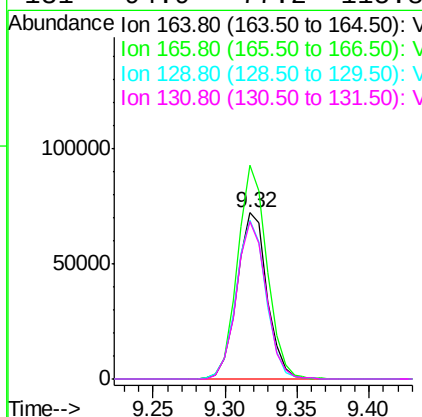
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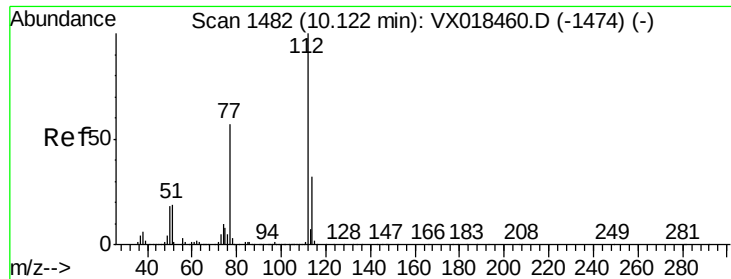
MMDadoda
9/21/2020 11:50:48 AM



#64
Tetrachloroethene
Concen: 21.060 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	104395		
166	128.5		99.3	148.9
129	95.5		80.7	121.1
131	94.9		77.2	115.8





#65

Chlorobenzene

Concen: 18.860 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion:112 Resp: 244519

Ion Ratio Lower Upper

112 100

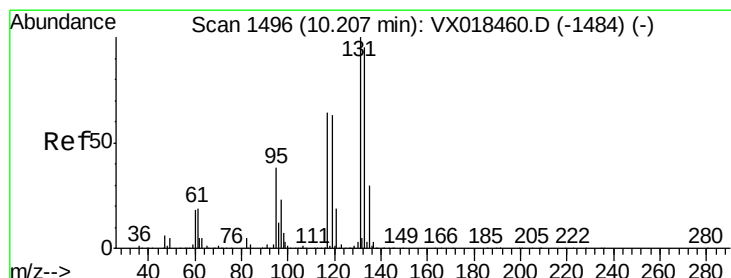
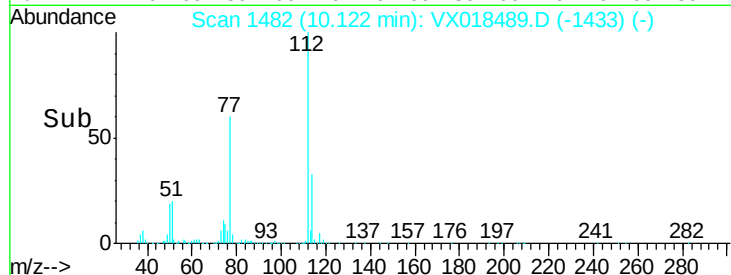
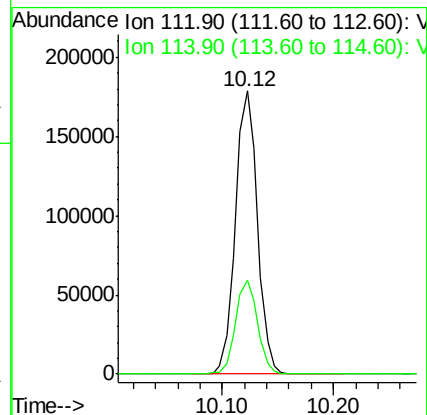
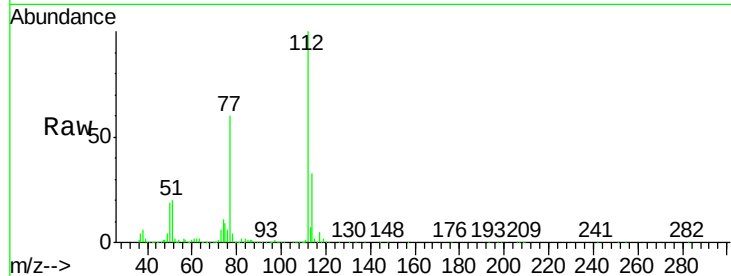
114 33.0 25.4 38.0

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#66

1,1,1,2-Tetrachloroethane

Concen: 18.734 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

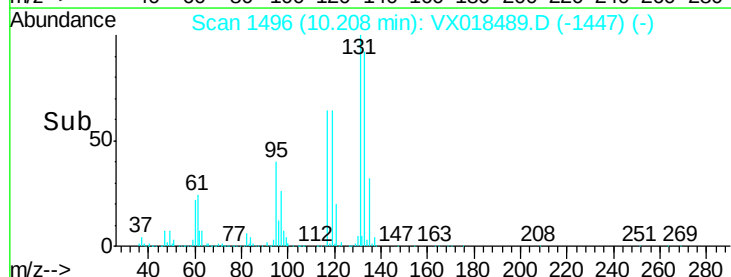
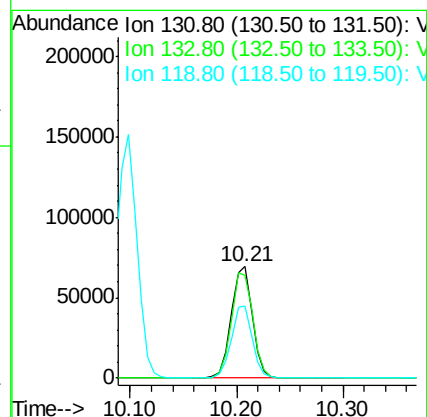
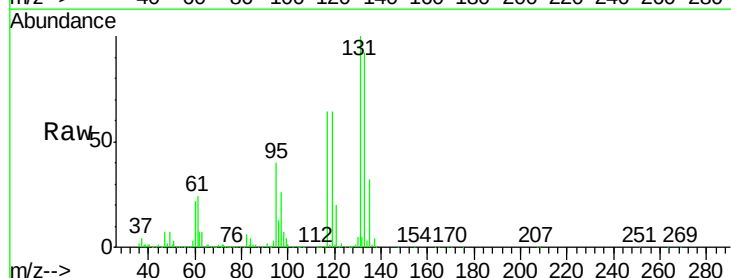
Tgt Ion:131 Resp: 97435

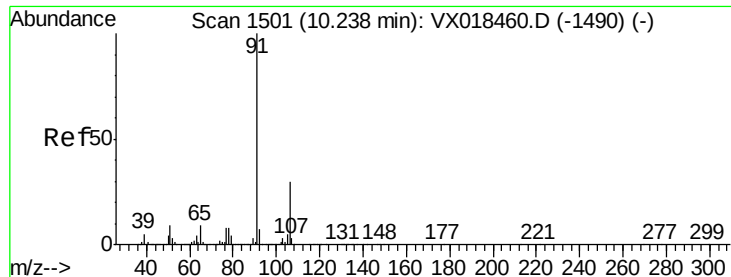
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.4

119 63.7 31.9 95.7





#67

Ethyl Benzene

Concen: 18.817 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS02

Tot Ion: 91 Resp: 422282

Ion Ratio Lower Upper

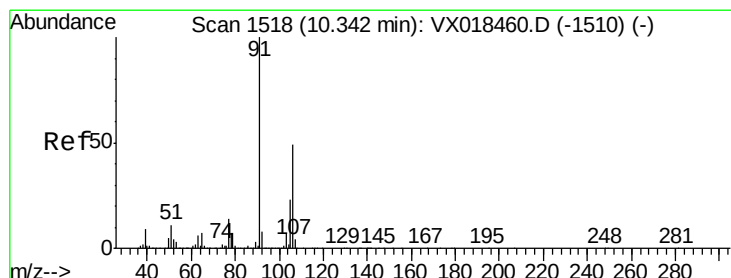
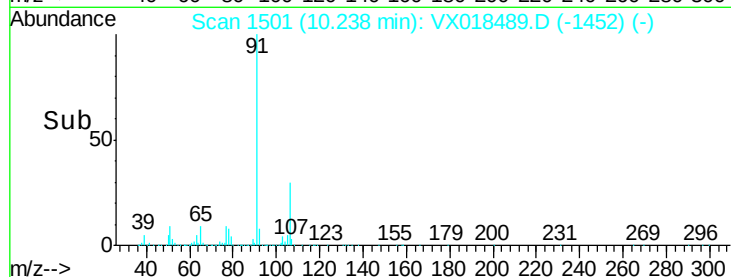
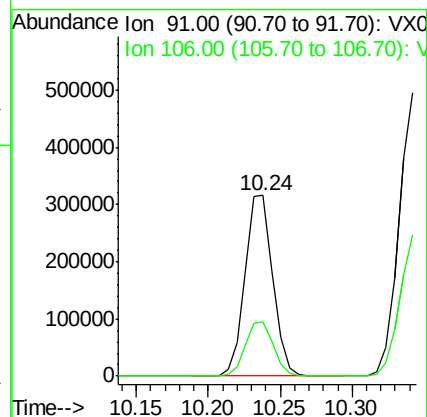
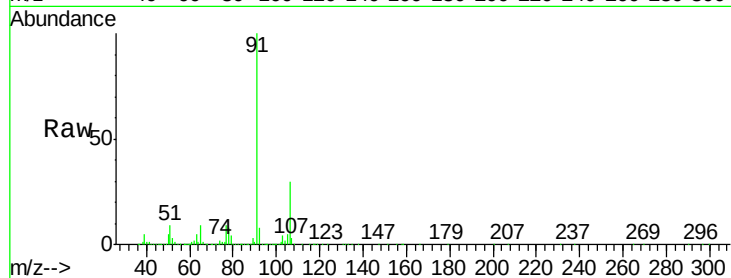
91 100

106 29.8 24.1 36.1

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#68

m/p-Xylenes

Concen: 37.655 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018489.D

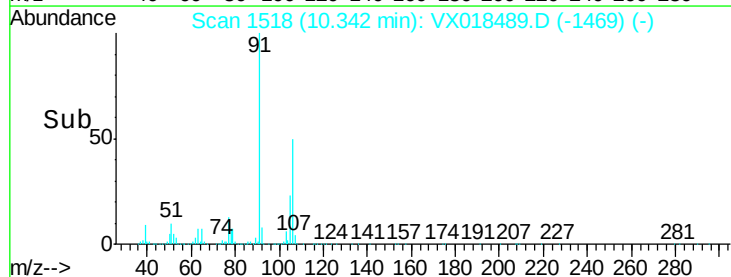
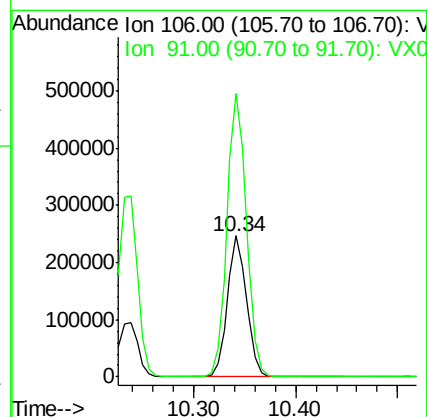
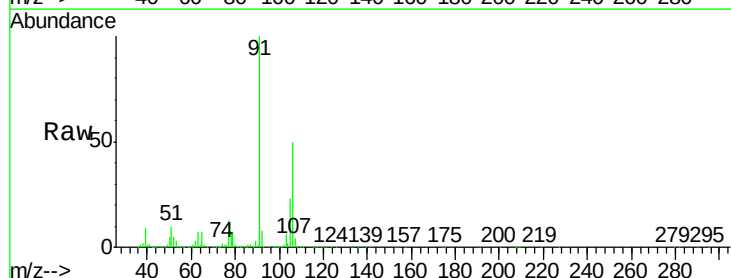
Acq: 18 Sep 2020 13:51

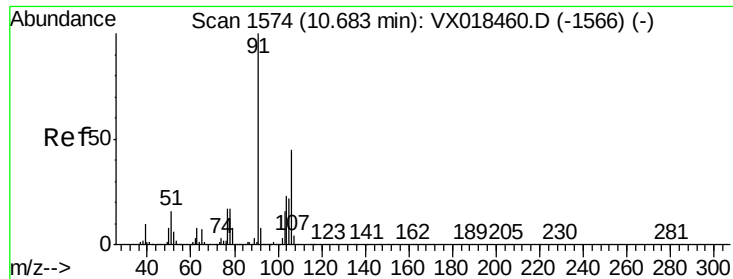
Tgt Ion: 106 Resp: 319655

Ion Ratio Lower Upper

106 100

91 205.1 163.8 245.6





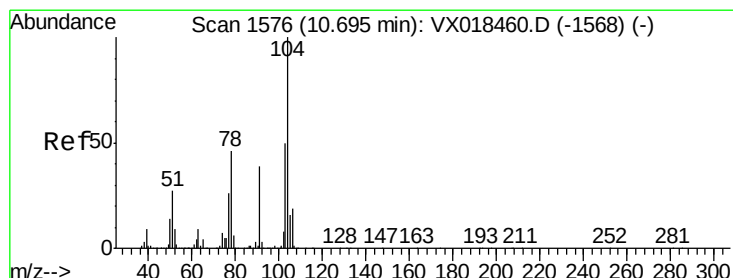
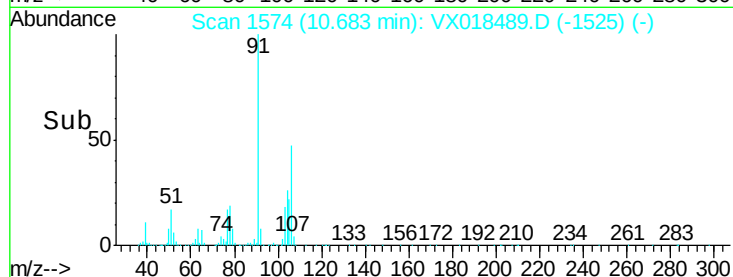
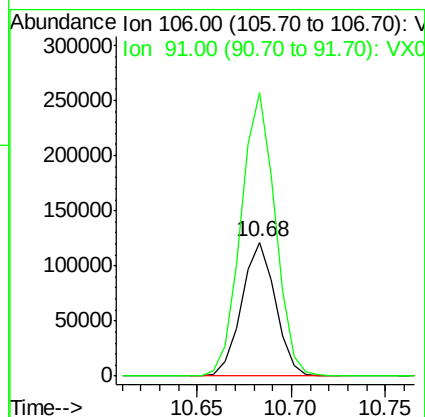
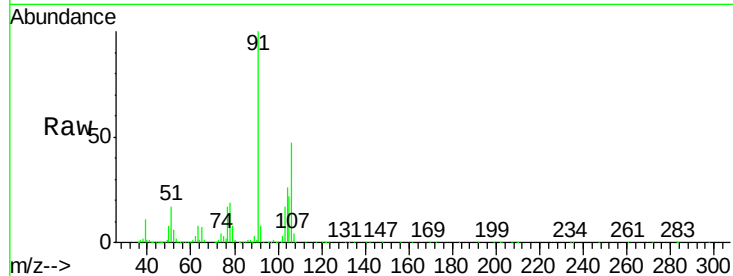
#69
o-Xylene
Concen: 18.822 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampled :
VX0918WBS02

Tot Ion:106 Resp: 151306
Ion Ratio Lower Upper
106 100
91 214.8 109.7 329.0

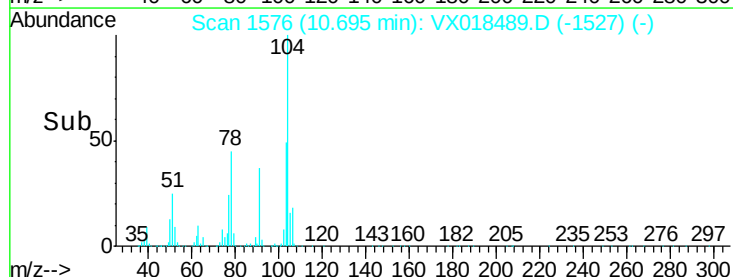
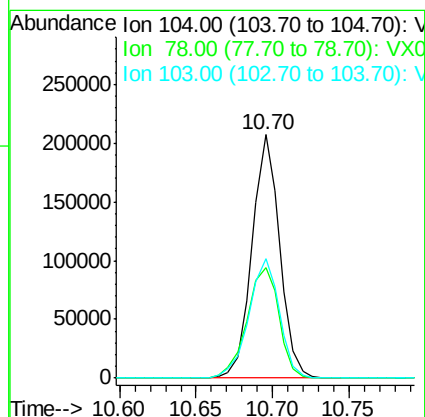
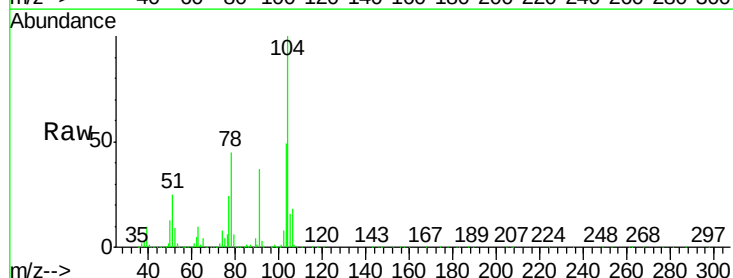
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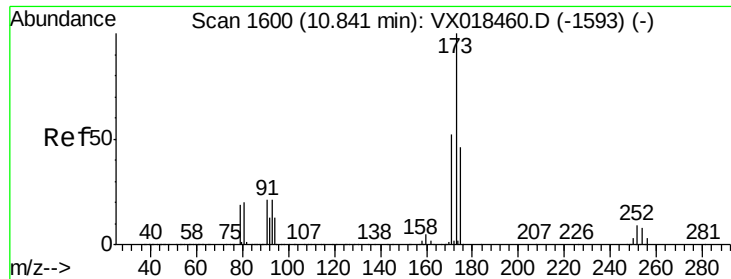
MMDadoda
9/21/2020 11:50:48 AM



#70
Styrene
Concen: 18.694 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion:104 Resp: 259465
Ion Ratio Lower Upper
104 100
78 52.9 40.5 60.7
103 54.9 43.2 64.8





#71

Bromoform

Concen: 19.708 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampled :

VX0918WBS02

Tot Ion:173 Resp: 86063

Ion Ratio Lower Upper

173 100

175 48.6 23.6 70.8

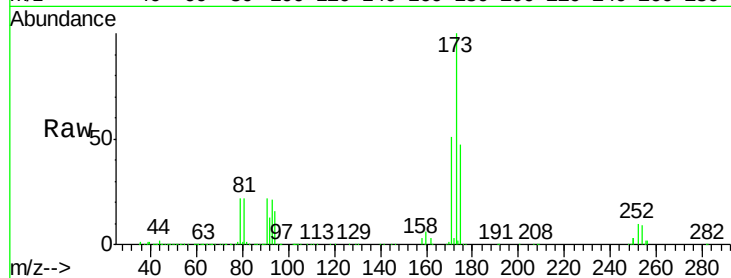
254 0.1 0.1 0.1

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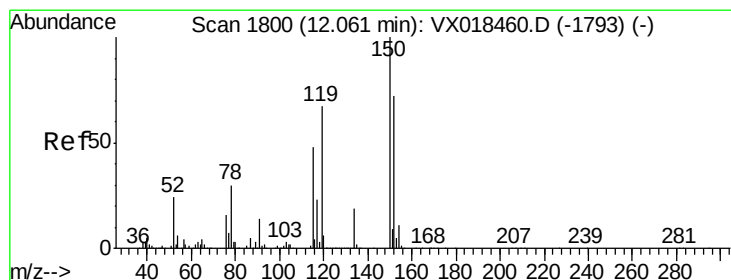
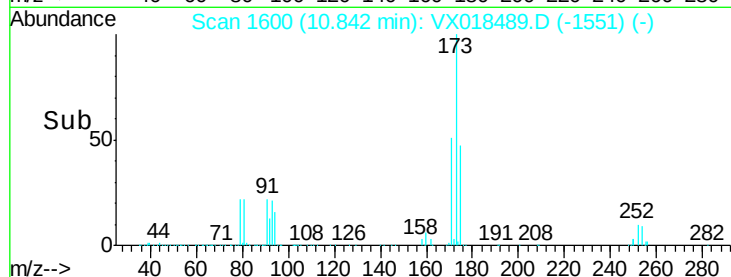
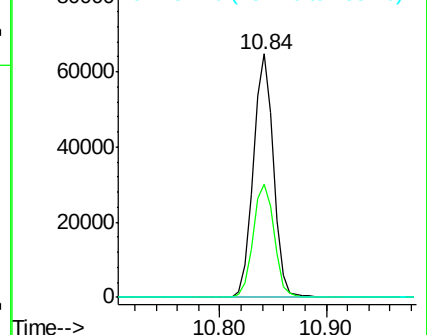
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

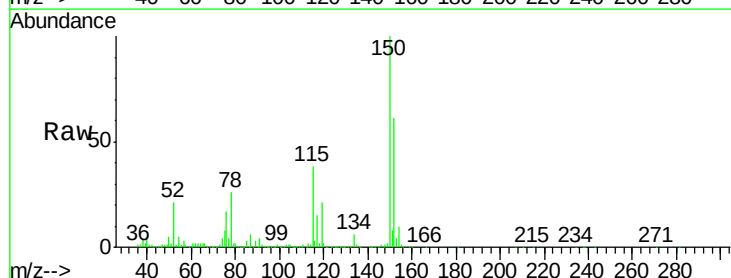
Tgt Ion:152 Resp: 329791

Ion Ratio Lower Upper

152 100

115 67.3 41.8 125.4

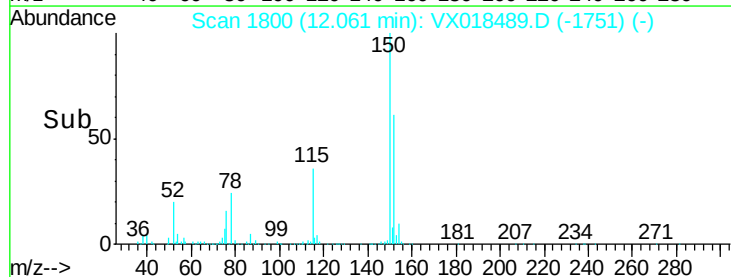
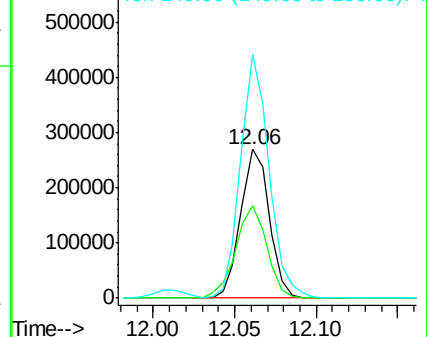
150 162.9 0.0 342.4

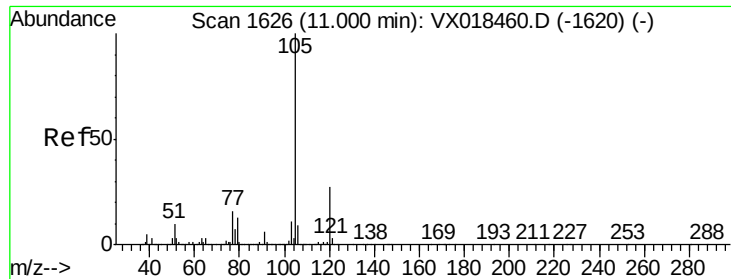


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.870 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBS02

Tot Ion: 105 Resp: 415724

Ion Ratio Lower Upper

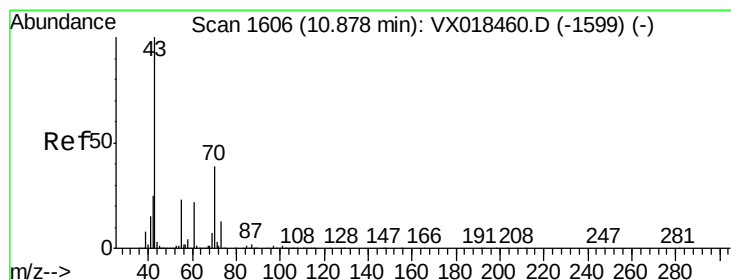
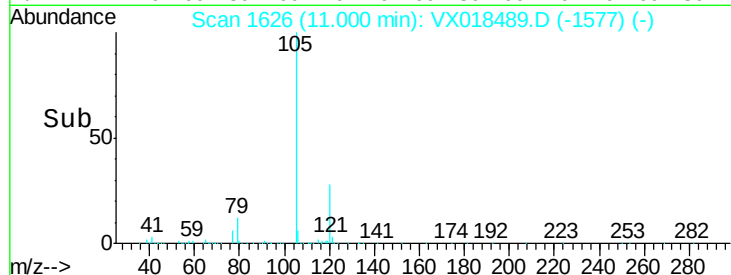
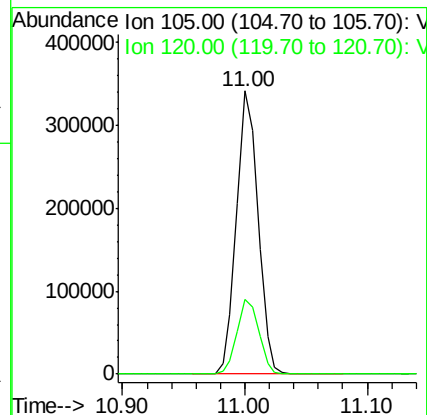
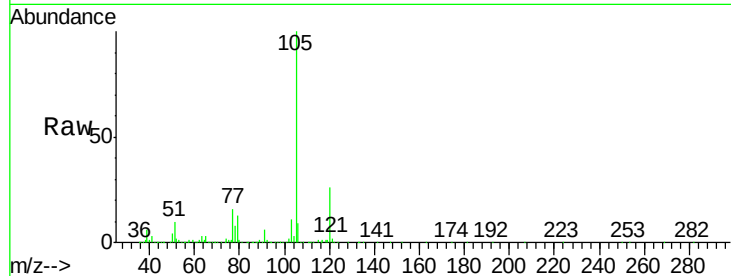
105 100

120 26.9 13.4 40.2

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#74

N-ethyl acetate

Concen: 18.113 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion: 43 Resp: 179651

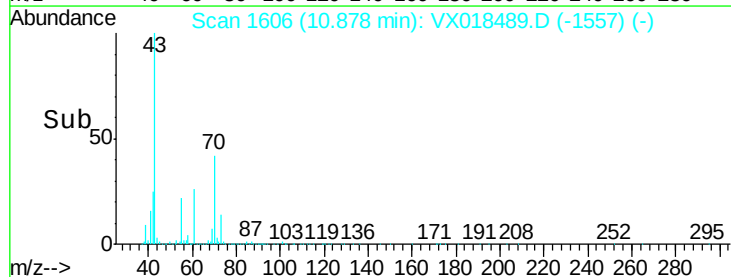
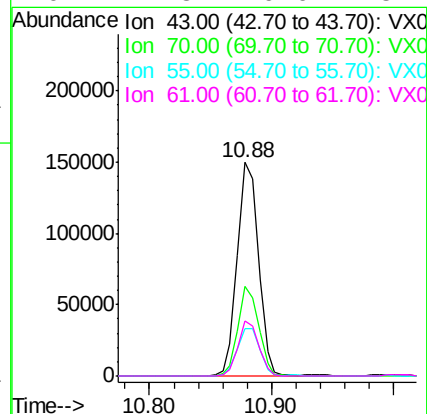
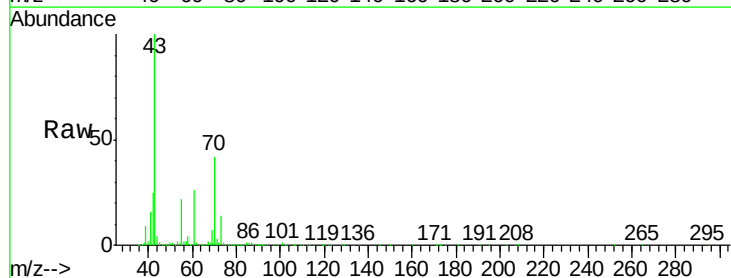
Ion Ratio Lower Upper

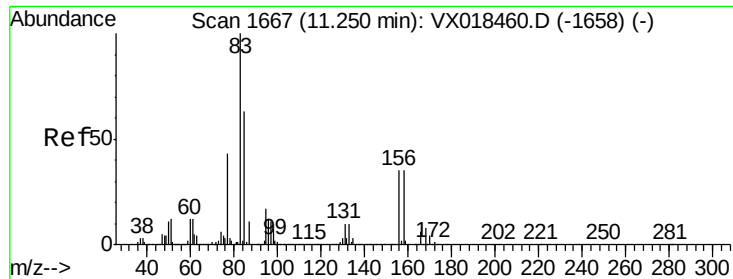
43 100

70 41.0 32.2 48.4

55 23.8 18.8 28.2

61 24.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.087 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

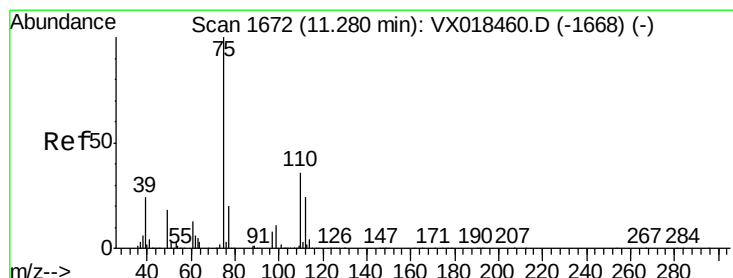
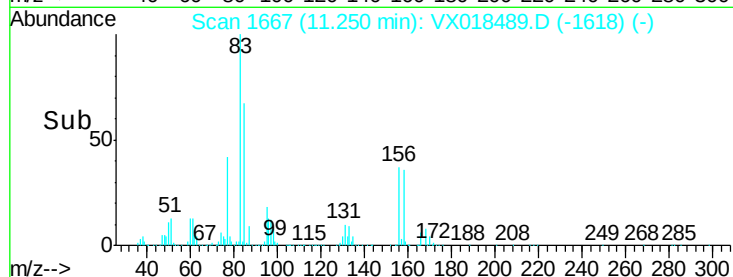
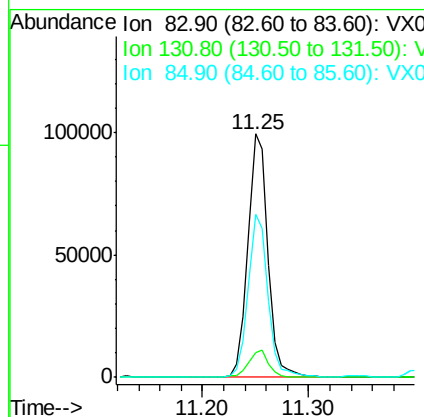
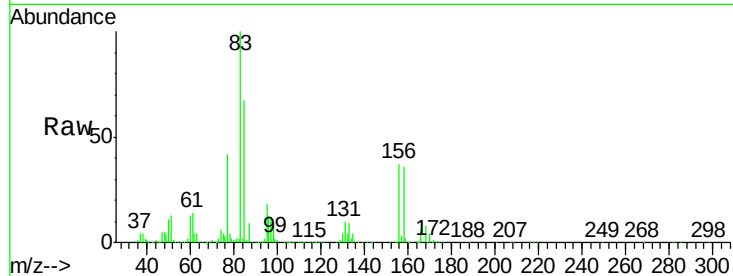
ClientSampled :

VX0918WBS02

Tot Ion:	83	Resp:	131897
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.1	15.4
85	65.9	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 19.460 ug/l m

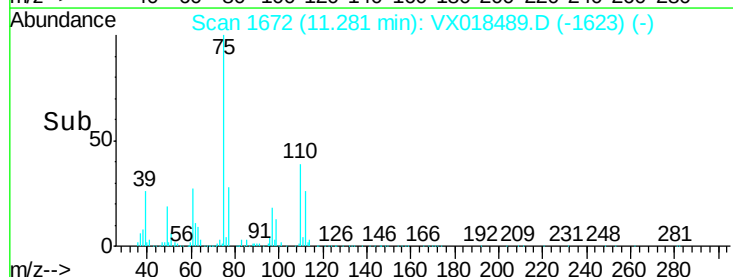
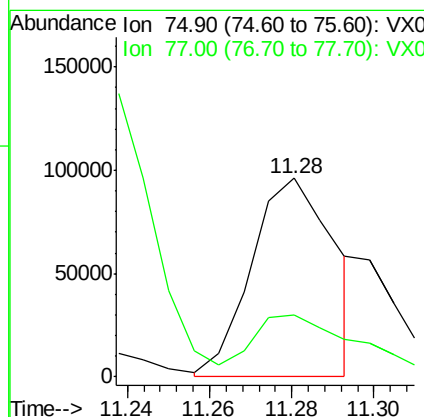
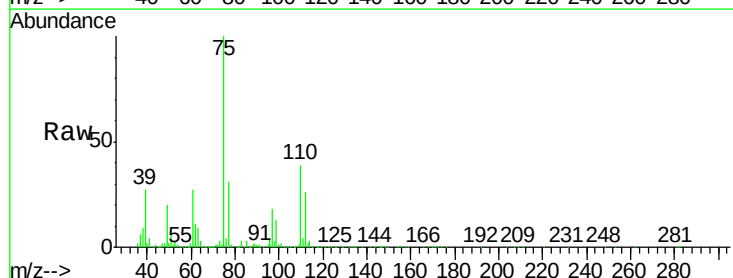
RT: 11.28 min Scan# 1672

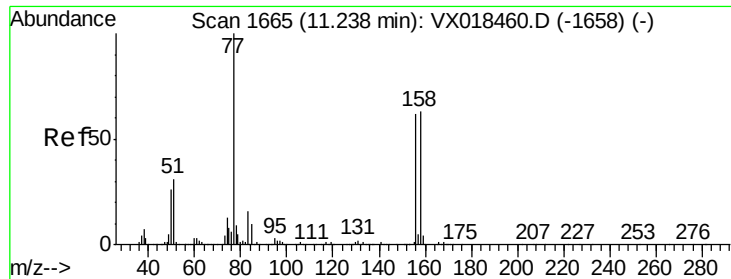
Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	75	Resp:	134863
Ion Ratio	Lower	Upper	
75	100		
77	39.4	20.9	62.7





#77

Bromobenzene

Concen: 18.445 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

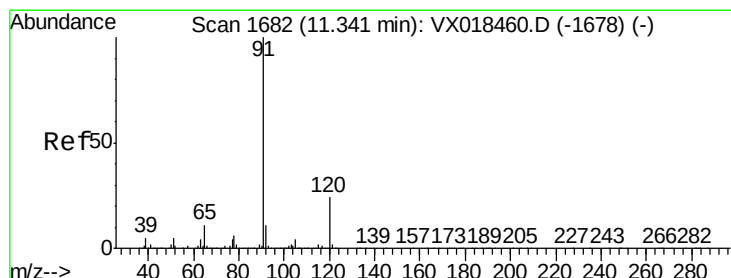
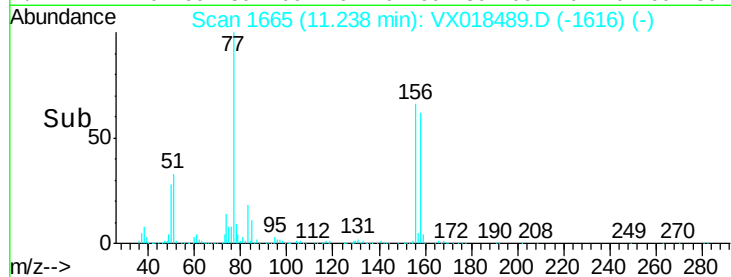
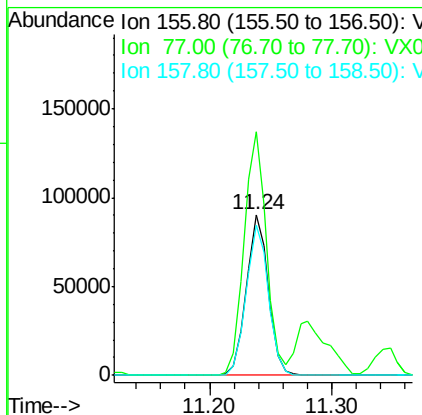
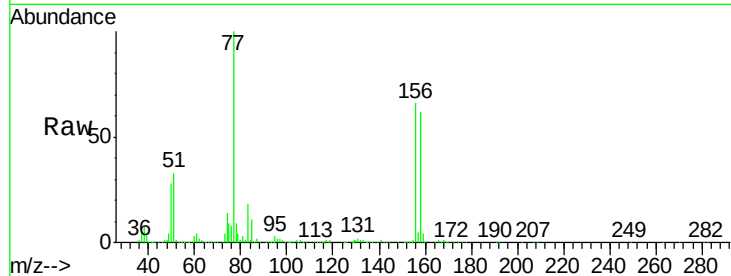
ClientSampleId :

VX0918WBS02

Tot Ion:	156	Resp:	112121
Ion Ratio	Lower	Upper	
156	100		
77	153.6	78.8	236.5
158	95.4	48.4	145.3

Manual Integrations
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9/21/2020 11:50:48 AM



#78

n-propylbenzene

Concen: 18.360 ug/l

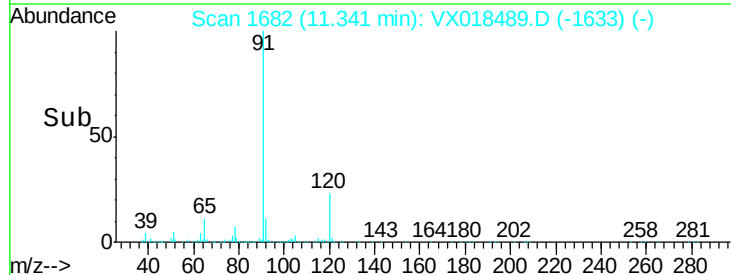
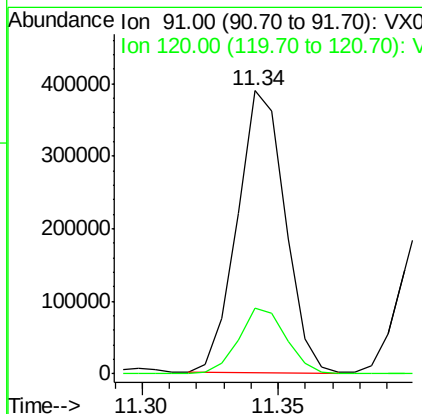
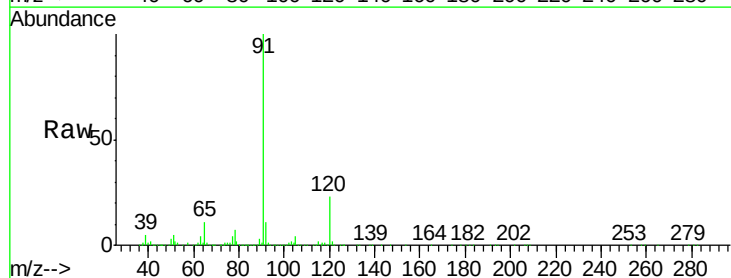
RT: 11.34 min Scan# 1682

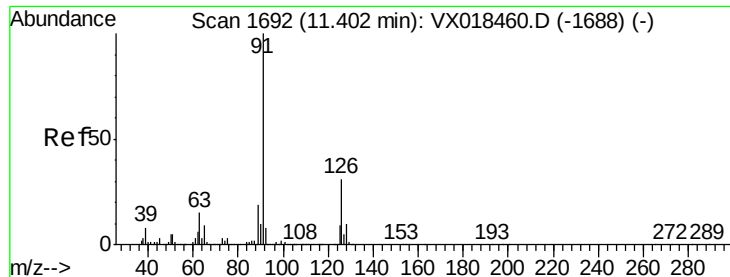
Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	91	Resp:	473464
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.8	35.3





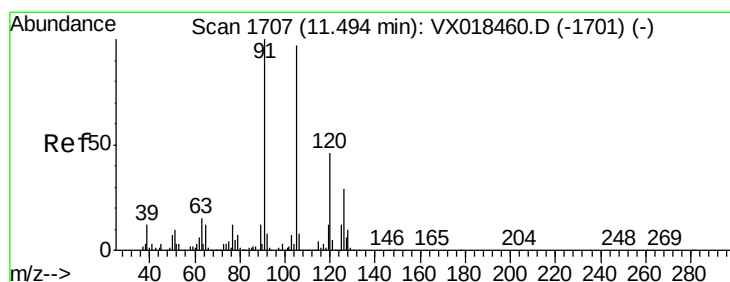
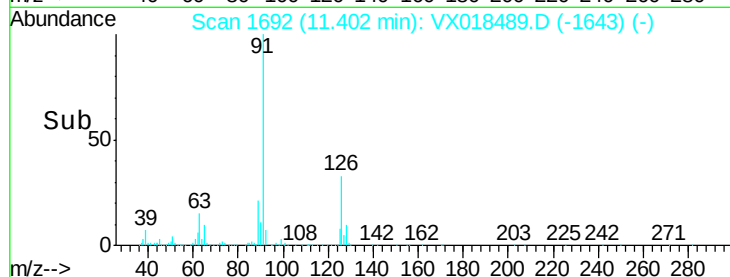
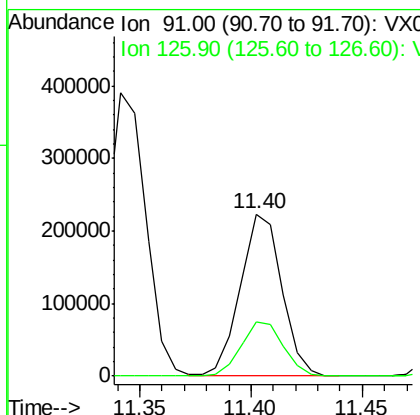
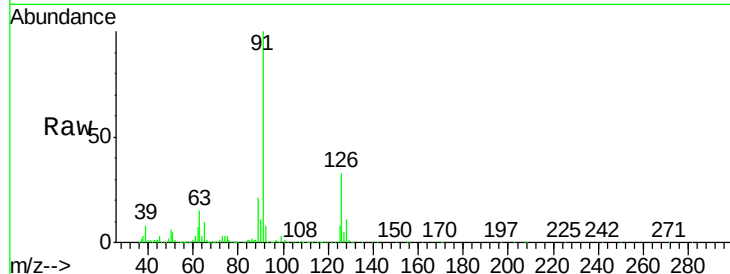
#79
 2-Chlorotoluene
 Concen: 18.557 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.7	16.6	49.7

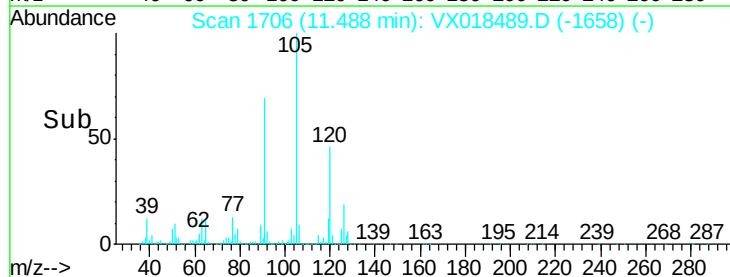
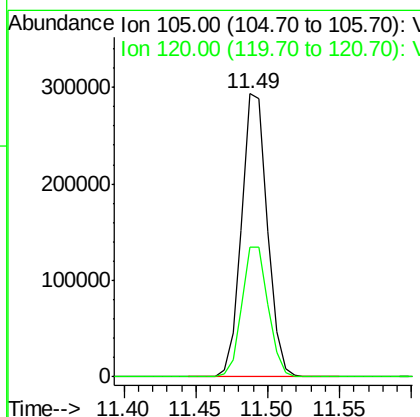
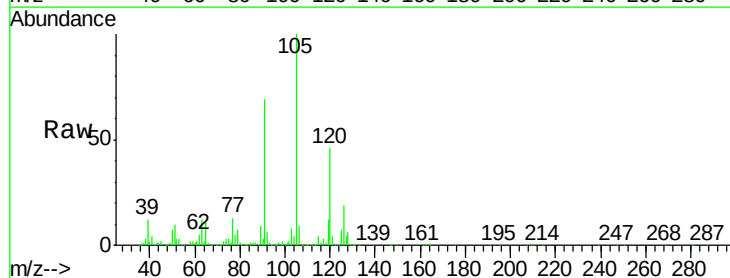
Manual Integrations
 APPROVED

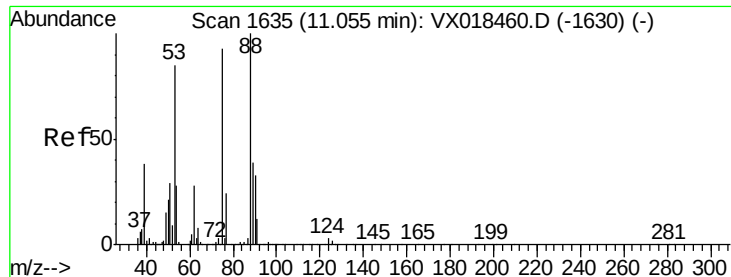
MMDadoda
 9/21/2020 11:50:48 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.278 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.3	23.6	71.0





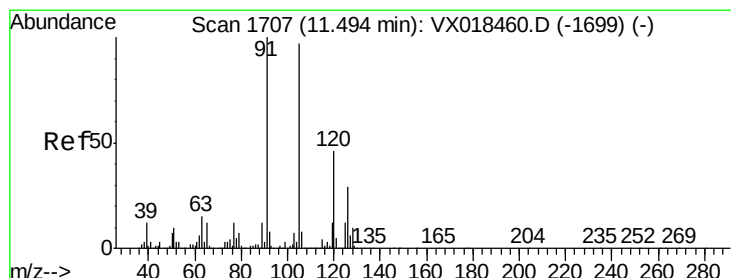
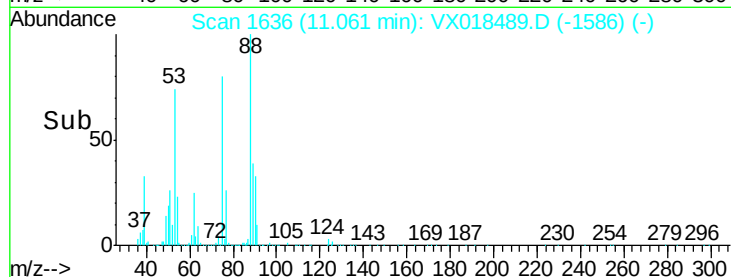
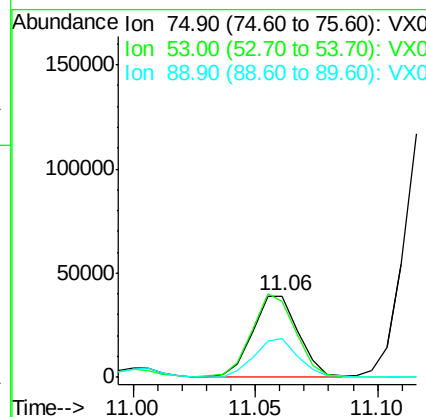
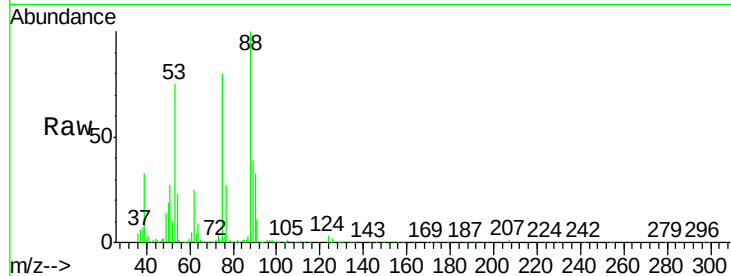
#81
trans-1,4-Dichloro-2-butene
Concen: 18.686 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.3	74.6	111.8
89	47.2	36.2	54.4

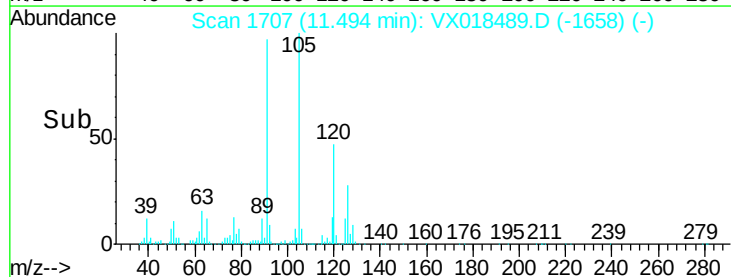
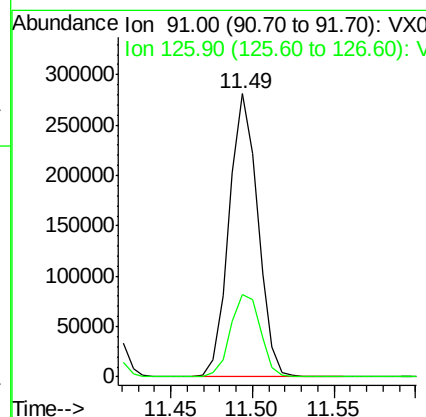
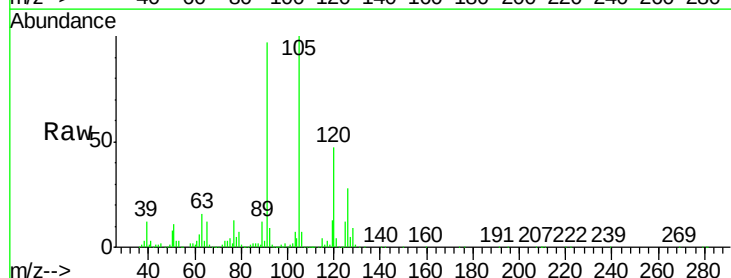
Manual Integrations
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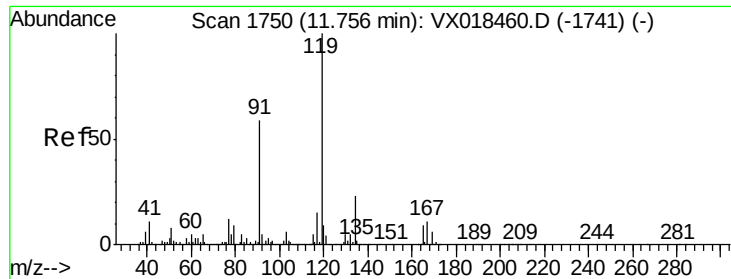
MMDadoda
9/21/2020 11:50:48 AM



#82
4-Chlorotoluene
Concen: 18.473 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.0	45.0





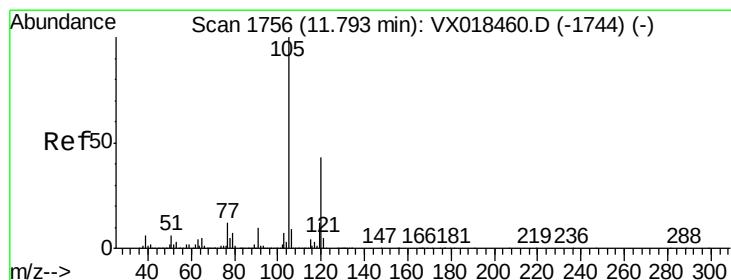
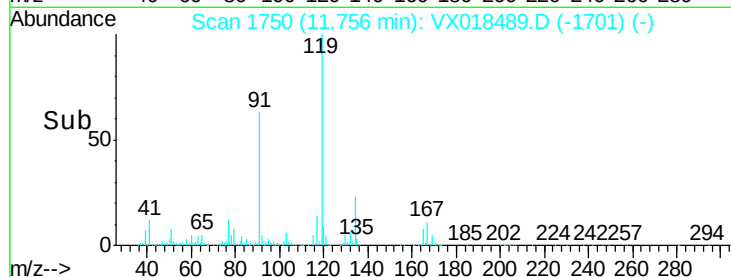
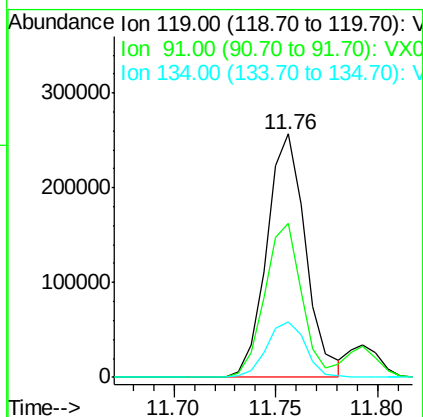
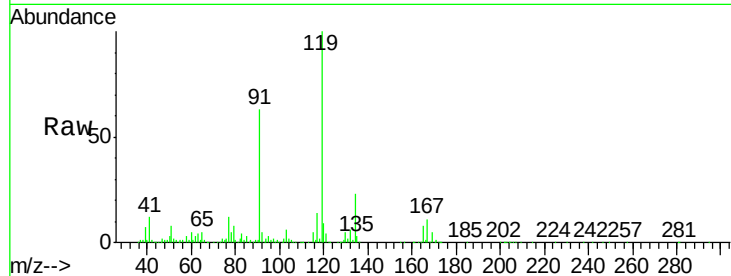
#83
tert-Butylbenzene
Concen: 18.643 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Lower	Upper
119	100		
91	59.6	28.9	86.7
134	22.9	11.3	33.8

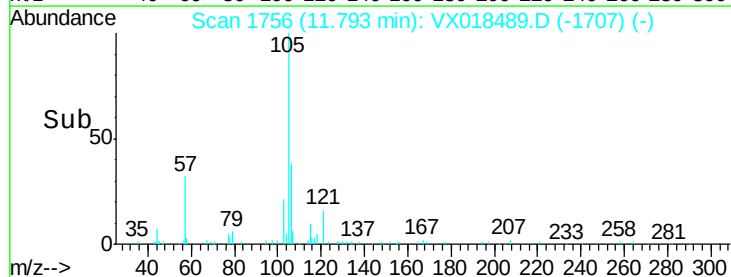
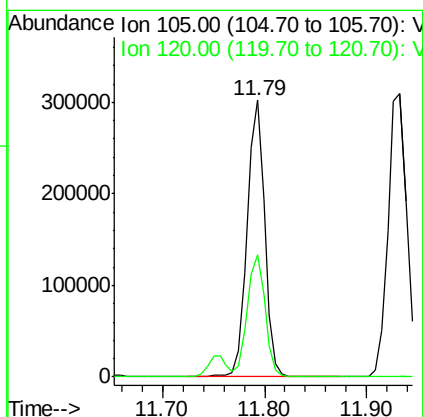
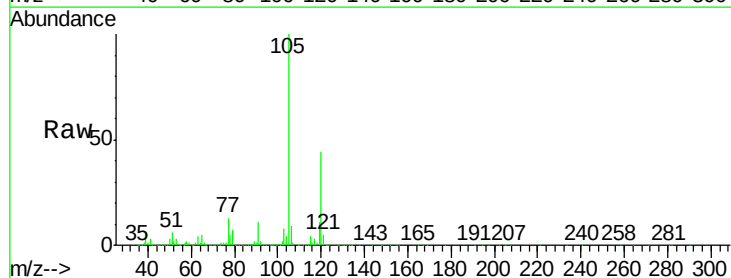
Manual Integrations
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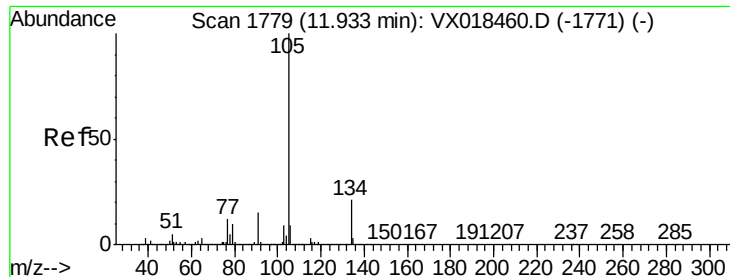
MMDadoda
9/21/2020 11:50:48 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.123 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.6	65.0





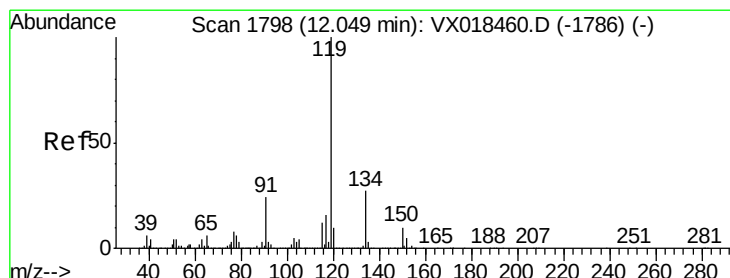
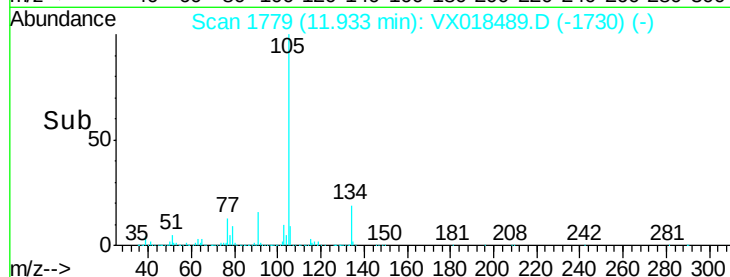
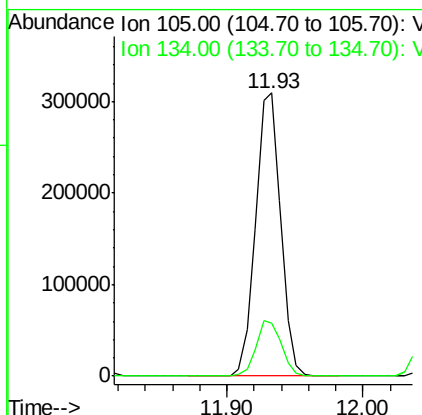
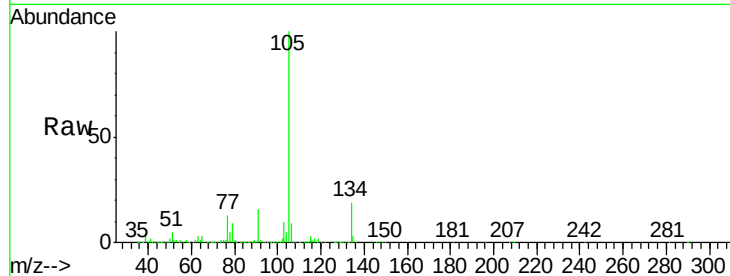
#85
 sec-Butylbenzene
 Concen: 18.619 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.2	30.4

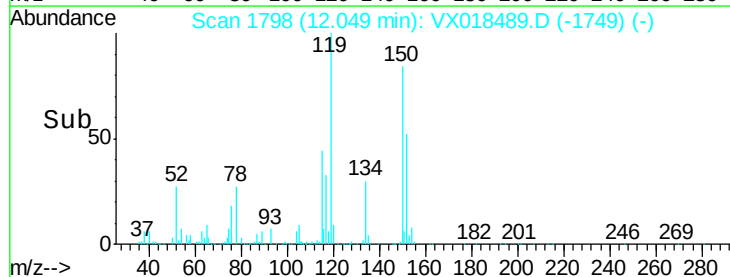
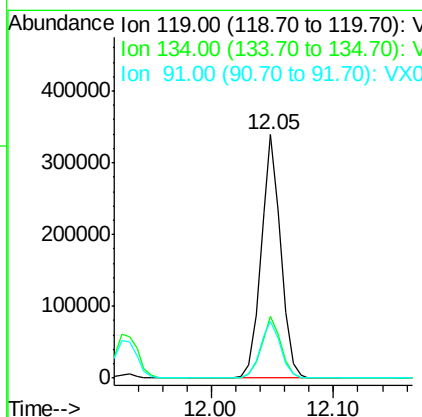
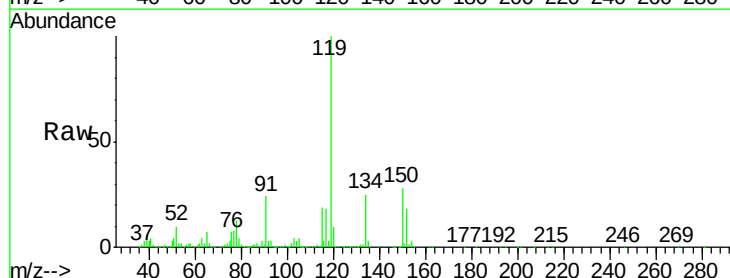
Manual Integrations
 APPROVED

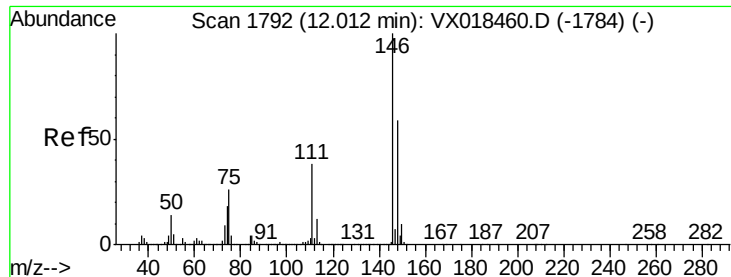
MMDadoda
 9/21/2020 11:50:48 AM



#86
 p-Isopropyltoluene
 Concen: 19.070 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.4	13.3	39.9
91	24.2	11.9	35.9





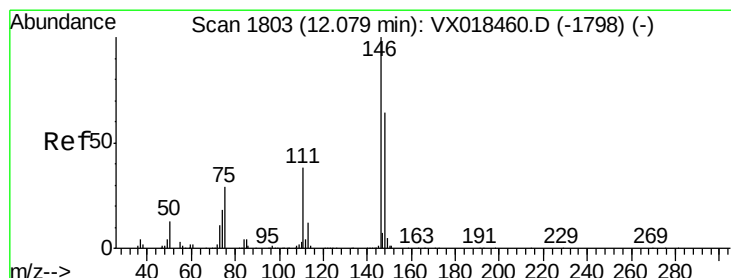
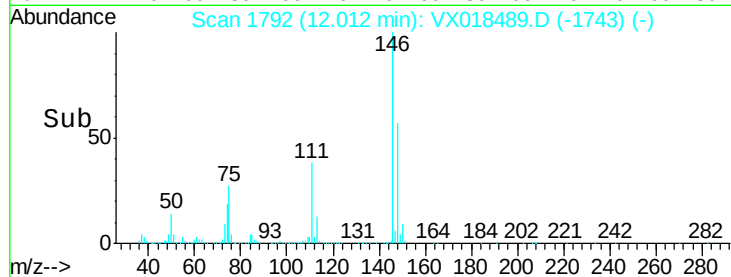
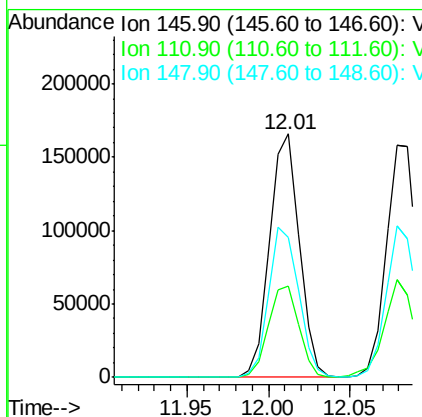
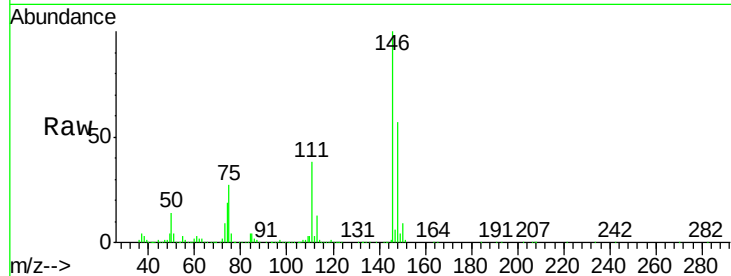
#87
 1,3-Dichlorobenzene
 Concen: 19.028 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	20.4	61.2
148	62.5	31.1	93.2

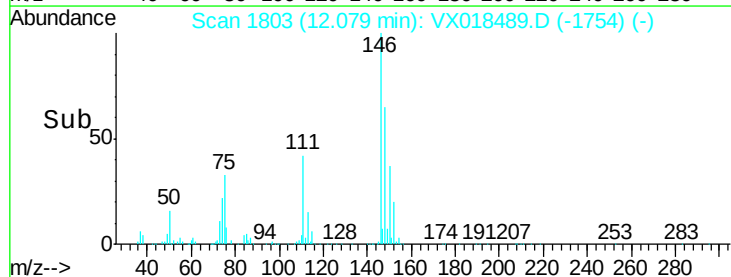
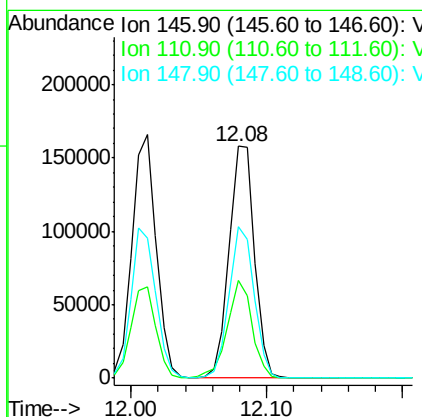
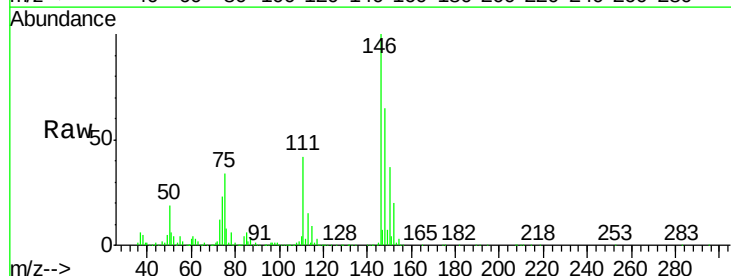
Manual Integrations
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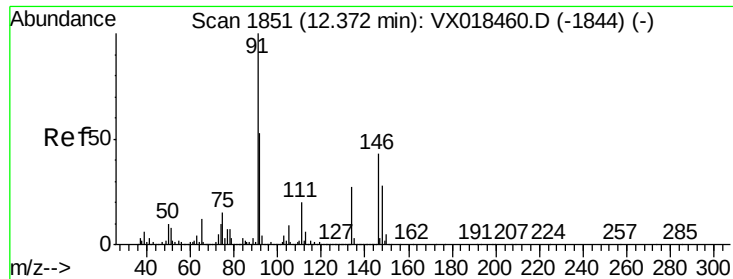
MMDadoda
 9/21/2020 11:50:48 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.538 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.4	58.4
148	64.2	31.8	95.4





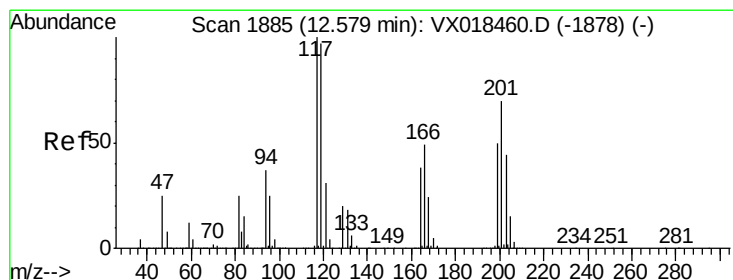
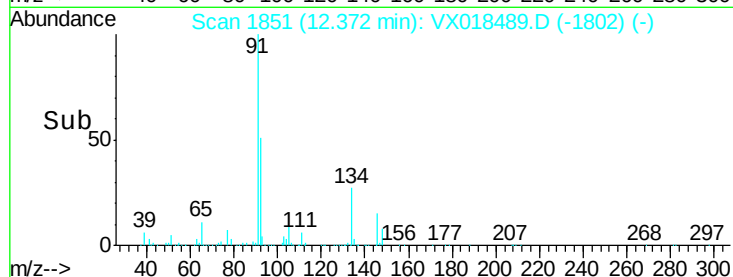
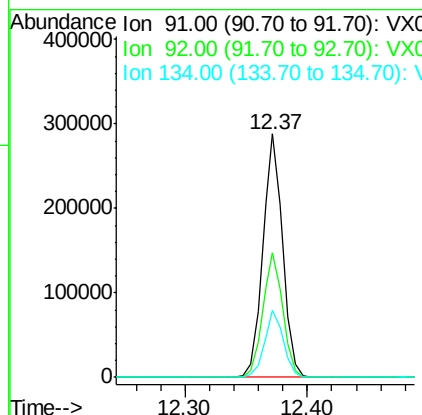
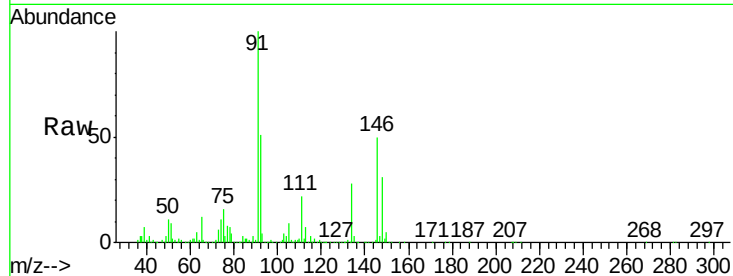
#89
n-Butylbenzene
Concen: 17.693 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	324921		
92	52.0		26.1	78.2
134	26.4		13.3	39.8

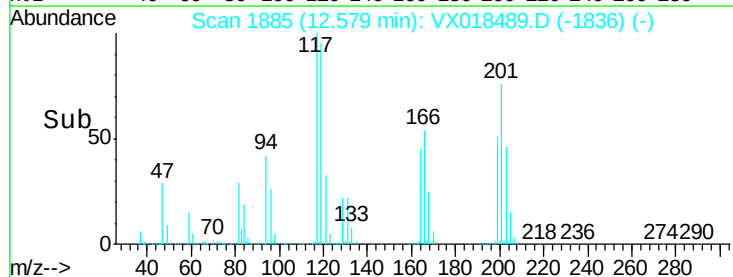
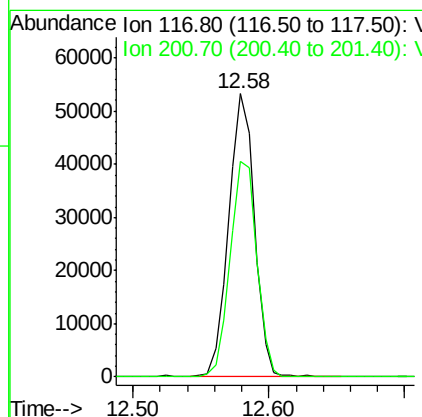
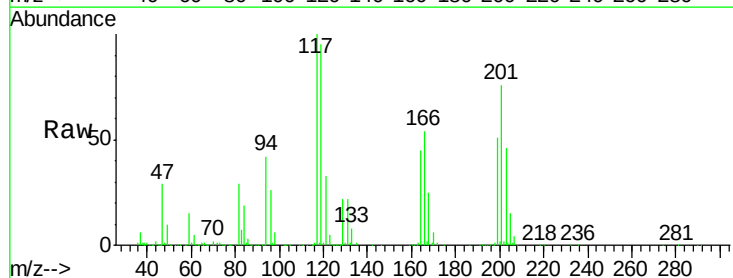
Manual Integrations
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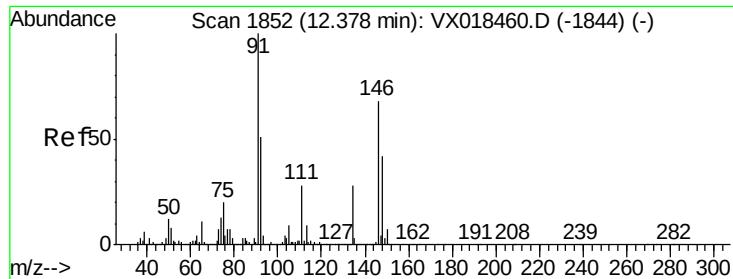
MMDadoda
9/21/2020 11:50:48 AM



#90
Hexachloroethane
Concen: 17.770 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018489.D
Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	70377		
201	78.4		36.2	108.6





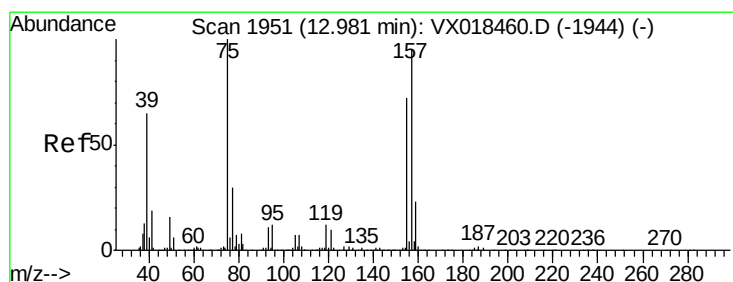
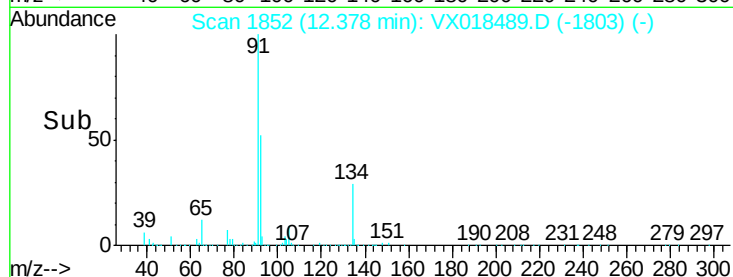
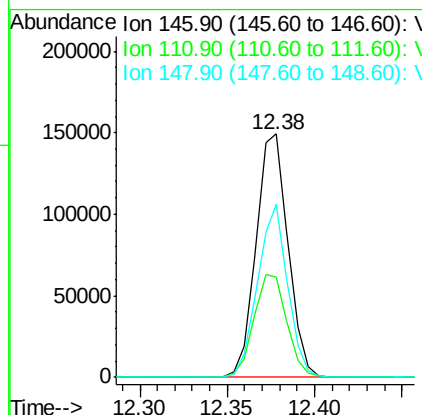
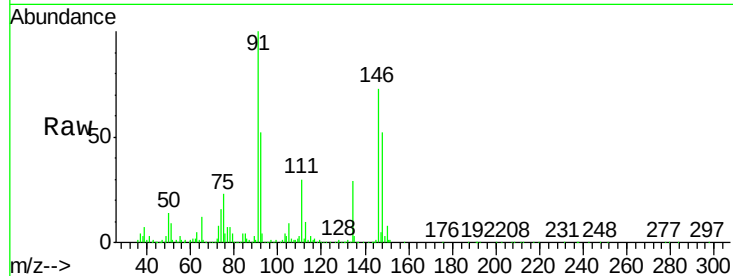
#91
 1,2-Dichlorobenzene
 Concen: 18.479 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	189038		
111	43.5	21.5	64.5	
148	66.7	32.1	96.5	

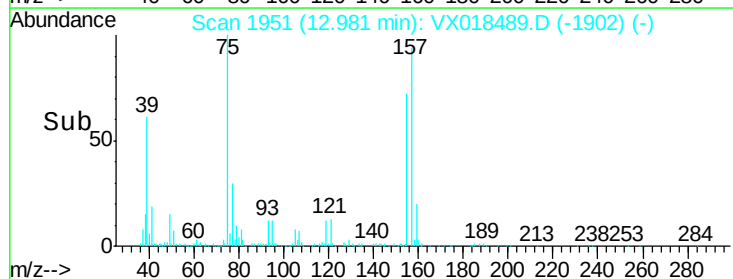
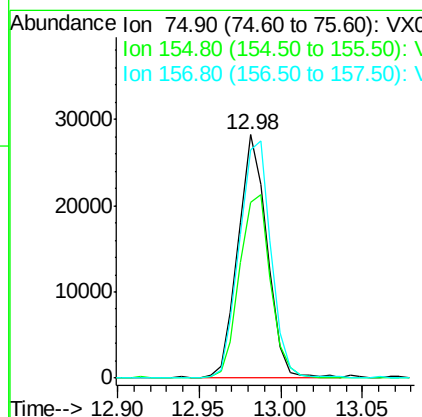
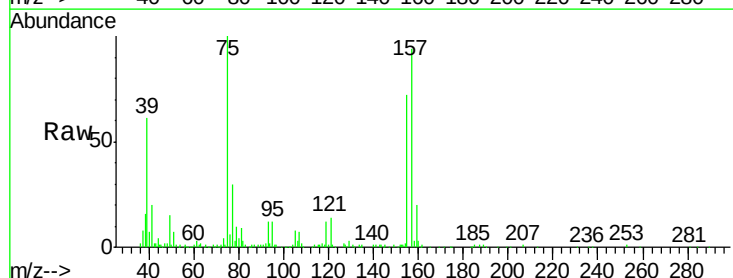
Manual Integrations
 APPROVED

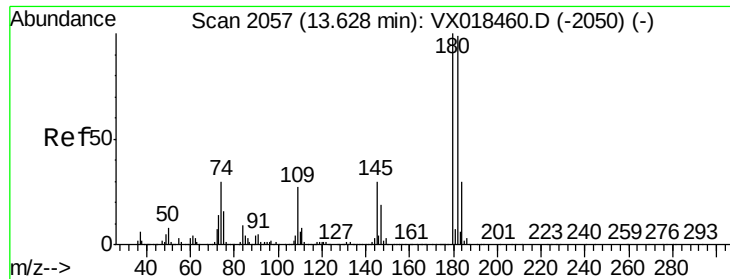
MMDadoda
 9/21/2020 11:50:48 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.888 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35207		
155	80.3	38.8	116.4	
157	106.5	51.1	153.3	





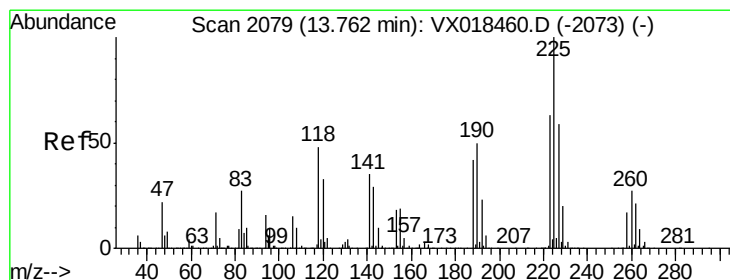
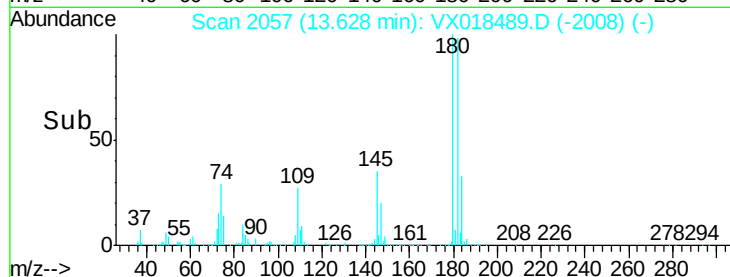
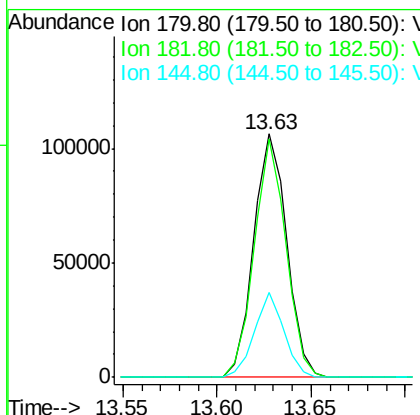
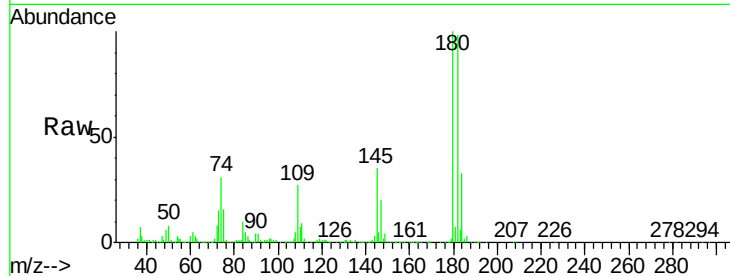
#93
 1,2,4-Trichlorobenzene
 Concen: 18.198 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129567		
182	94.3	50.2	150.6	
145	31.6	15.7	47.1	

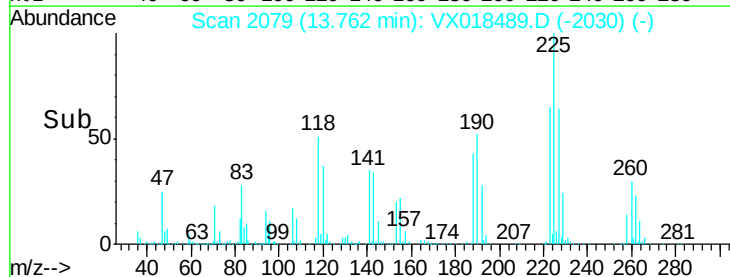
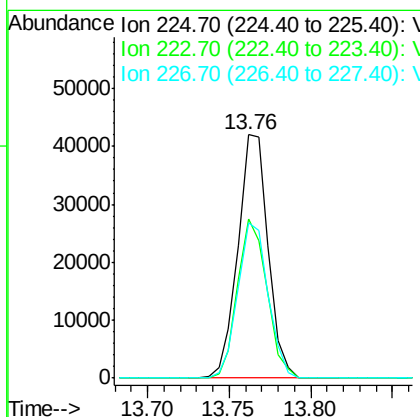
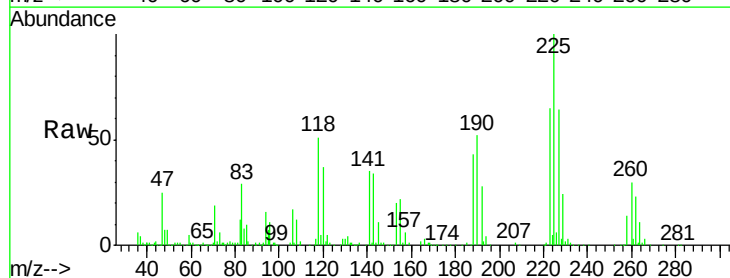
Manual Integrations
 APPROVED

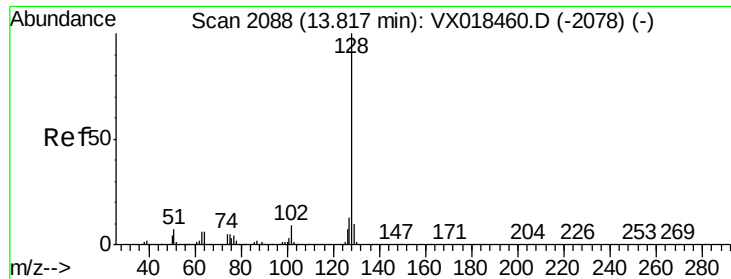
MMDadoda
 9/21/2020 11:50:48 AM



#94
 Hexachlorobutadiene
 Concen: 18.169 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018489.D
 Acq: 18 Sep 2020 13:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54283		
223	63.4	32.0	96.2	
227	64.0	31.7	95.1	





#95

Naphthalene

Concen: 19.184 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Instrument :

MSVOA_X

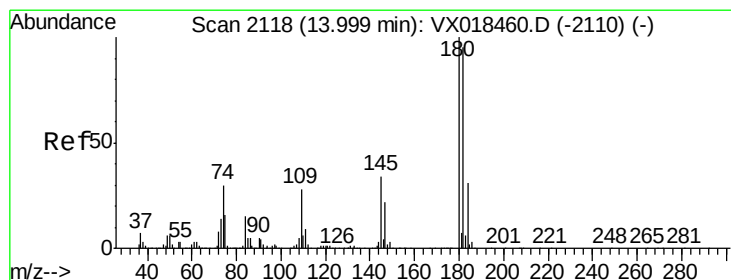
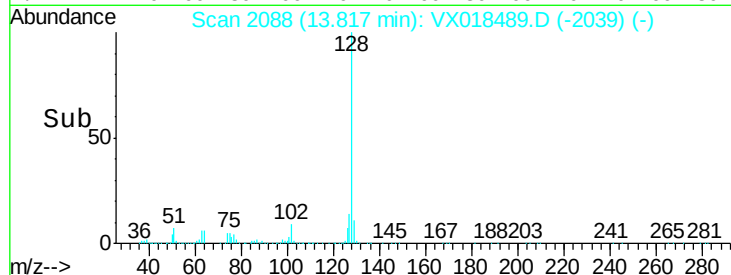
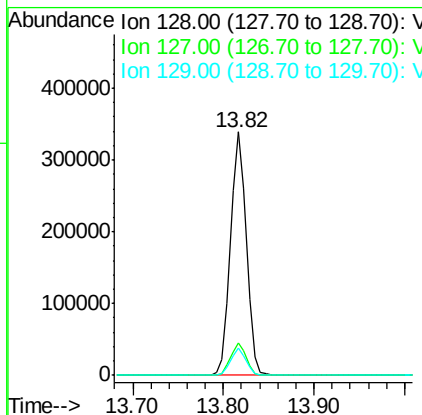
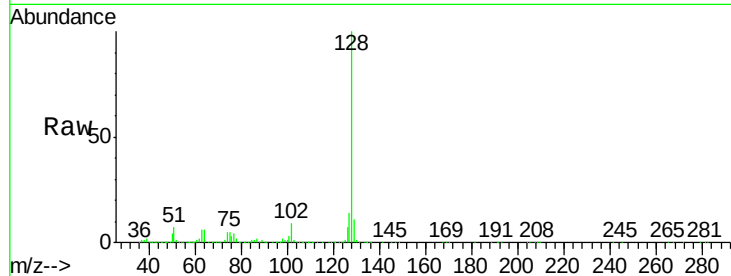
ClientSampled :

VX0918WBS02

Tot Ion:	128	Resp:	412483
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:50:48 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.744 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018489.D

Acq: 18 Sep 2020 13:51

Tgt Ion:	180	Resp:	127541
Ion Ratio	Lower	Upper	
180	100		
182	91.9	47.1	141.3
145	32.9	16.8	50.4

