

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111920\
 Data File : VX019457.D
 Acq On : 18 Nov 2020 17:33
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 11:58:33 AM

Quant Time: Nov 19 03:44:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X111920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 16:47:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	240117	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.82	114	411119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	394119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173180	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
35) Dibromofluoromethane	5.46	113	125849	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
50) Toluene-d8	8.70	98	491959	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
62) 4-Bromofluorobenzene	11.12	95	189757	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	134550	49.883	ug/l 100
3) Chloromethane	1.31	50	158795	47.474	ug/l 99
4) Vinyl Chloride	1.39	62	161357	48.323	ug/l 99
5) Bromomethane	1.62	94	82070	51.493	ug/l 97
6) Chloroethane	1.70	64	104089	94.273	ug/l 100
7) Trichlorofluoromethane	1.90	101	223054	47.725	ug/l 99
8) Diethyl Ether	2.17	74	92654	49.741	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	120694	47.030	ug/l 99
10) Methyl Iodide	2.48	142	153925	48.065	ug/l 100
11) Tert butyl alcohol	3.03	59	192245	274.930	ug/l 98
12) 1,1-Dichloroethene	2.35	96	120107	46.418	ug/l 99
13) Acrolein	2.27	56	116507	232.478	ug/l 99
14) Allyl chloride	2.70	41	226207	49.874	ug/l 100
15) Acrylonitrile	3.11	53	422460	261.991	ug/l 99
16) Acetone	2.42	43	376636	258.826	ug/l 100
17) Carbon Disulfide	2.54	76	348208	49.559	ug/l 99
18) Methyl Acetate	2.75	43	177490	49.584	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	484331	51.774	ug/l 99
20) Methylene Chloride	2.83	84	158371	48.071	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	138885	48.493	ug/l 98
22) Diisopropyl ether	3.82	45	469240	50.706	ug/l 97
23) Vinyl Acetate	3.78	43	2103756	267.925	ug/l 100
24) 1,1-Dichloroethane	3.66	63	262609	48.354	ug/l 99
25) 2-Butanone	4.63	43	583589	268.818	ug/l 98
26) 2,2-Dichloropropane	4.54	77	229924	49.572	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	161666	49.679	ug/l 99
28) Bromochloromethane	4.97	49	122745	47.571	ug/l 99
29) Tetrahydrofuran	5.08	42	368390	263.234	ug/l 100
30) Chloroform	5.17	83	270235	48.791	ug/l 98
31) Cyclohexane	5.54	56	228845	48.428	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	235785	48.787	ug/l 99
36) 1,1-Dichloropropene	5.76	75	200787	48.723	ug/l 100
37) Ethyl Acetate	4.79	43	225103	53.097	ug/l 100
38) Carbon Tetrachloride	5.74	117	200507	49.327	ug/l 93

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	234319	50.569	ug/l	97
40) Benzene	6.10	78	602371	49.059	ug/l	100
41) Methacrylonitrile	5.00	41	122457	52.742	ug/l	98
42) 1,2-Dichloroethane	6.15	62	234229	50.203	ug/l	100
43) Isopropyl Acetate	6.41	43	368964	52.513	ug/l	99
44) Trichloroethene	7.18	130	152010	49.105	ug/l	99
45) 1,2-Dichloropropane	7.48	63	157184	49.370	ug/l	99
46) Dibromomethane	7.63	93	107318	51.319	ug/l	99
47) Bromodichloromethane	7.87	83	216916	52.435	ug/l	99
48) Methyl methacrylate	7.74	41	185525	54.660	ug/l	100
49) 1,4-Dioxane	7.71	88	73871	1104.064	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1134437	271.978	ug/l	100
52) Toluene	8.76	92	383609	51.468	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	249049	49.364	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	263781	48.591	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	158312	52.442	ug/l	99
56) Ethyl methacrylate	9.16	69	251599	50.928	ug/l	99
57) 1,3-Dichloropropane	9.35	76	271498	51.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	662016	267.582	ug/l	99
59) 2-Hexanone	9.47	43	862459	273.017	ug/l	100
60) Dibromochloromethane	9.56	129	162312	49.391	ug/l	99
61) 1,2-Dibromoethane	9.65	107	165747	52.968	ug/l	99
64) Tetrachloroethene	9.32	164	144451	46.899	ug/l	96
65) Chlorobenzene	10.12	112	405518	50.214	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	148384	47.093	ug/l	97
67) Ethyl Benzene	10.23	91	746681	51.105	ug/l	99
68) m/p-Xylenes	10.34	106	551842	103.581	ug/l	100
69) o-Xylene	10.68	106	262437	51.727	ug/l	97
70) Styrene	10.70	104	445815	46.331	ug/l	99
71) Bromoform	10.84	173	111499	46.833	ug/l	99
73) Isopropylbenzene	11.00	105	712250	53.431	ug/l	100
74) N-amyl acetate	10.88	43	310320	55.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	235643	51.225	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	232740m	52.945	ug/l	
77) Bromobenzene	11.24	156	164164	52.267	ug/l	99
78) n-propylbenzene	11.34	91	830034	53.964	ug/l	100
79) 2-Chlorotoluene	11.40	91	494281	52.865	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	608059	53.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	80218	49.435	ug/l	98
82) 4-Chlorotoluene	11.49	91	585641	52.506	ug/l	99
83) tert-Butylbenzene	11.75	119	563435	53.999	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	611505	53.921	ug/l	100
85) sec-Butylbenzene	11.93	105	689599	53.889	ug/l	100
86) p-Isopropyltoluene	12.05	119	628915	49.105	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	302179	50.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304515	49.848	ug/l	99
89) n-Butylbenzene	12.37	91	580821	53.503	ug/l	100
90) Hexachloroethane	12.58	117	105284	47.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	293274	49.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	54249	52.124	ug/l	98

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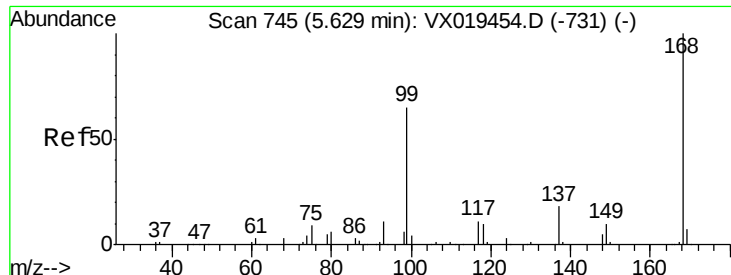
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	190827	46.368	ug/l	99
94) Hexachlorobutadiene	13.76	225	82303	50.940	ug/l	95
95) Naphthalene	13.82	128	675716	47.960	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	192101	47.252	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 743

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

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ICVVX111920

Tot Ion:168 Resp: 240117

Ion Ratio Lower Upper

168 100

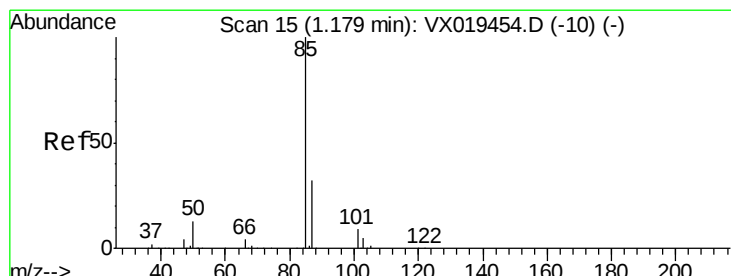
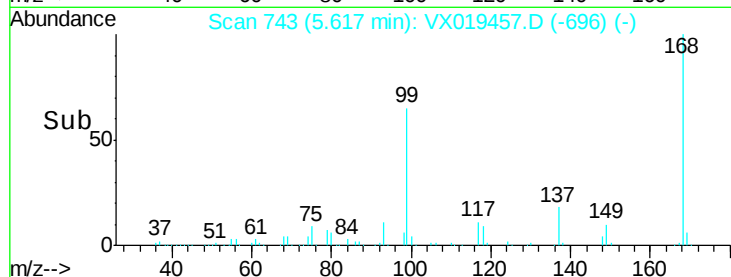
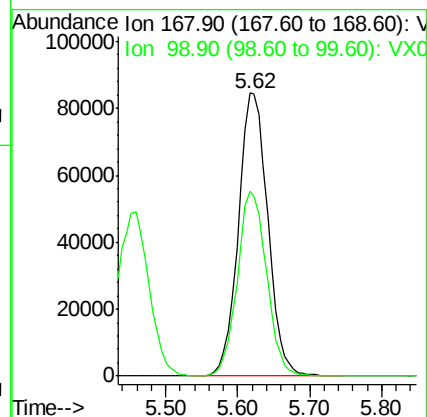
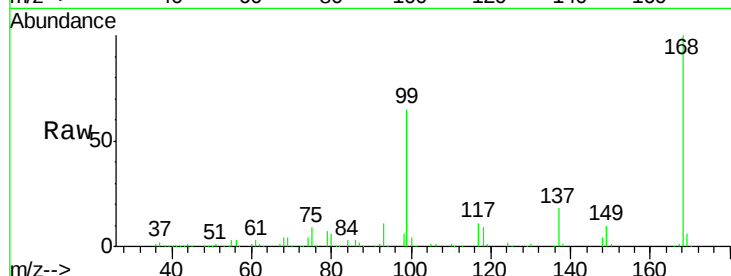
99 65.1 52.1 78.1

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11/19/2020 11:58:33 AM



#2

Dichlorodifluoromethane

Concen: 49.883 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019457.D

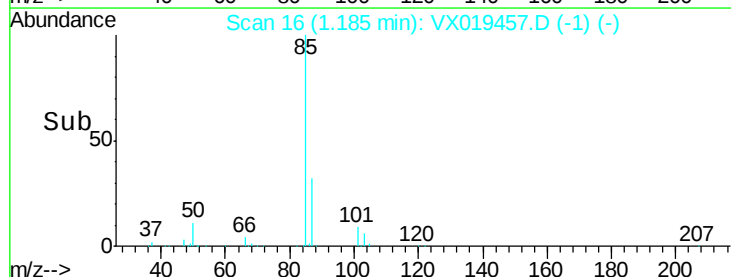
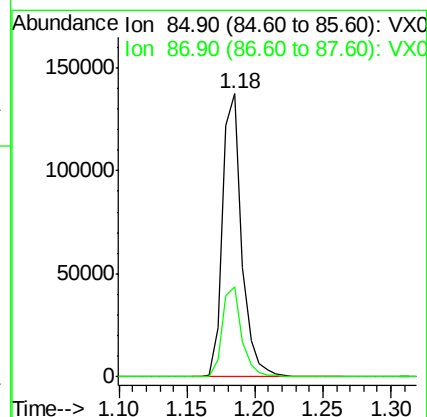
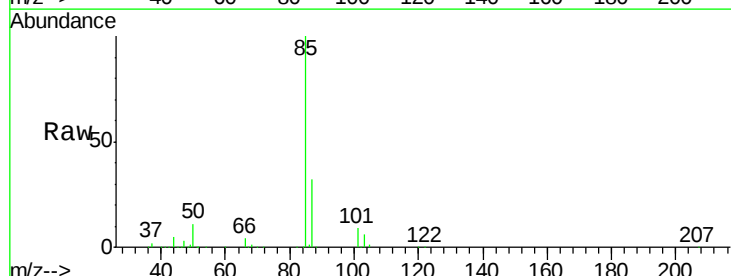
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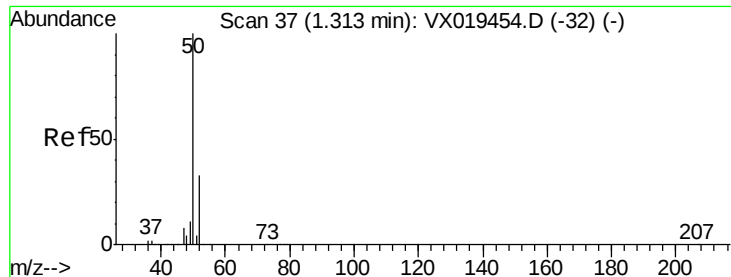
Tgt Ion: 85 Resp: 134550

Ion Ratio Lower Upper

85 100

87 31.7 15.8 47.4





#3

Chloromethane

Concen: 47.474 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 50 Resp: 158795

Ion Ratio Lower Upper

50 100

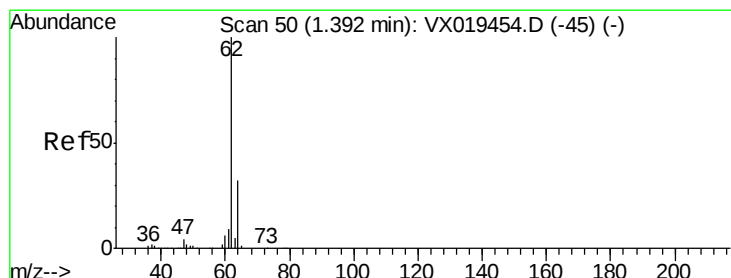
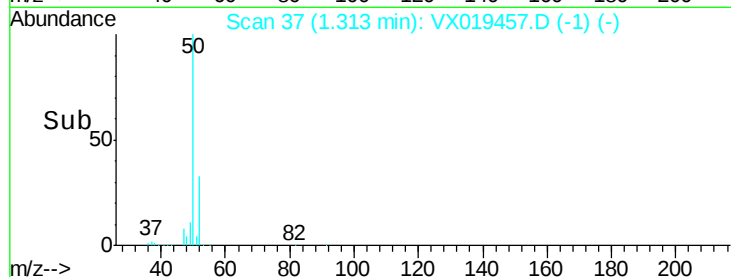
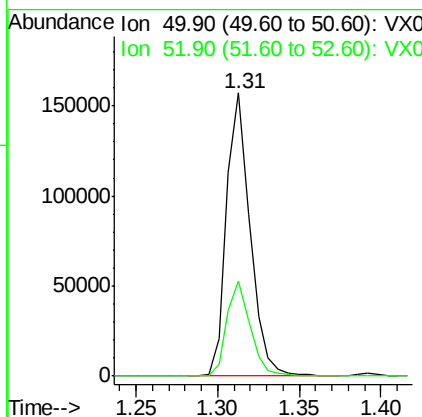
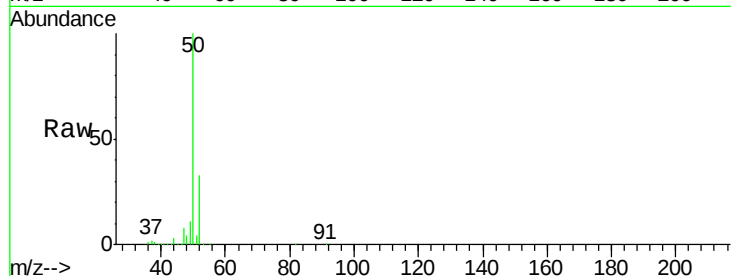
52 33.5 26.4 39.6

Manual Integrations

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11/19/2020 11:58:33 AM



#4

Vinyl Chloride

Concen: 48.323 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019457.D

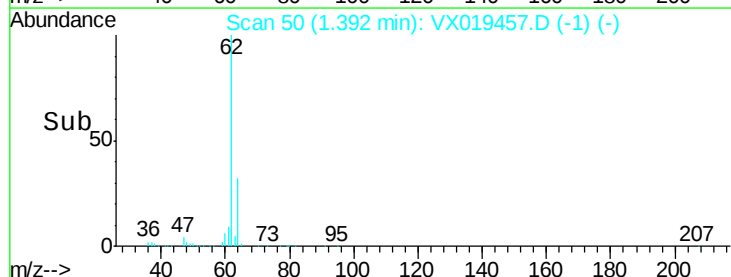
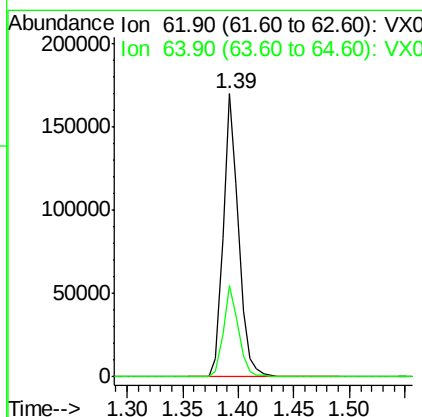
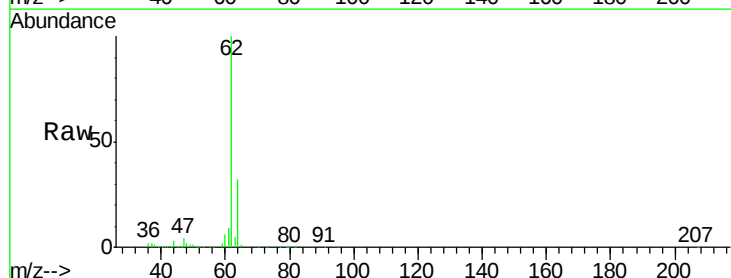
Acq: 18 Nov 2020 17:33

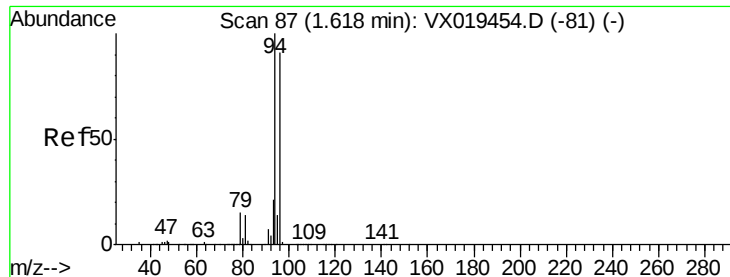
Tgt Ion: 62 Resp: 161357

Ion Ratio Lower Upper

62 100

64 32.2 25.3 37.9





#5

Bromomethane

Concen: 51.493 ug/l

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 94 Resp: 82070

Ion Ratio Lower Upper

94 100

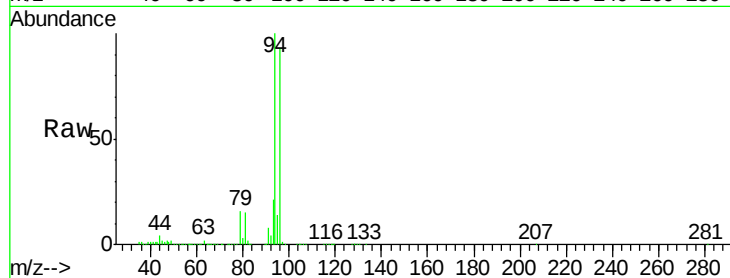
96 93.3 72.4 108.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

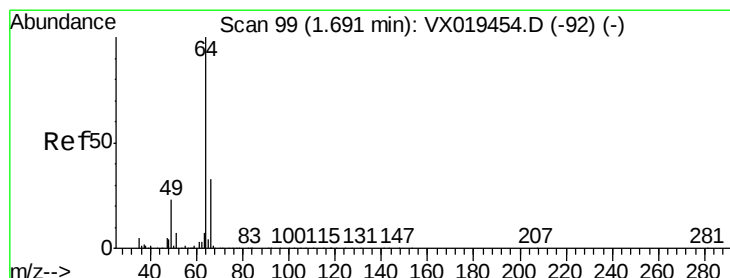
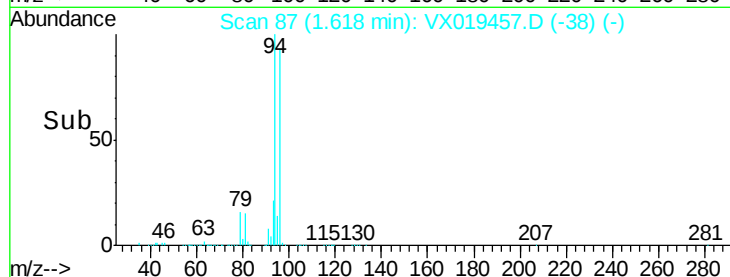
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 94.273 ug/l

RT: 1.70 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX019457.D

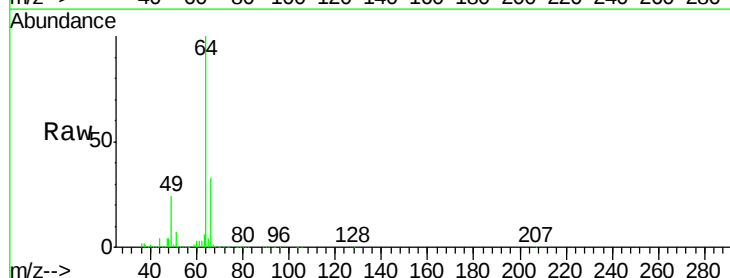
Acq: 18 Nov 2020 17:33

Tgt Ion: 64 Resp: 104089

Ion Ratio Lower Upper

64 100

66 32.6 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

60000

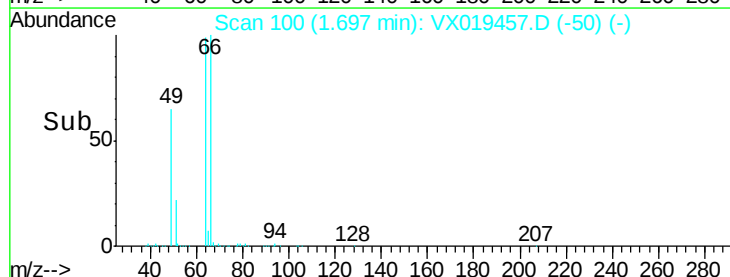
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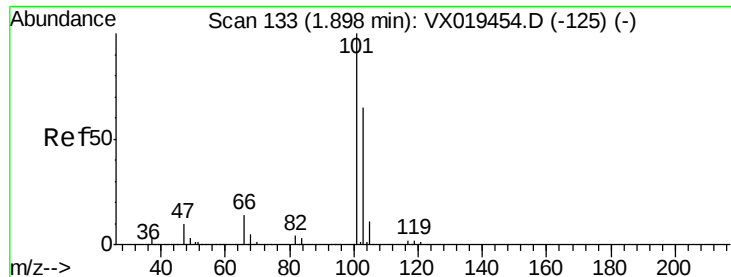
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Time-->

1.60 1.70 1.80





#7

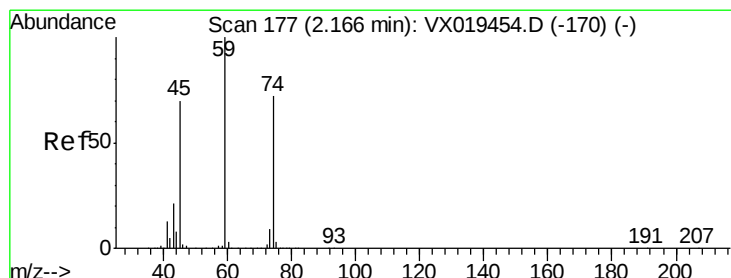
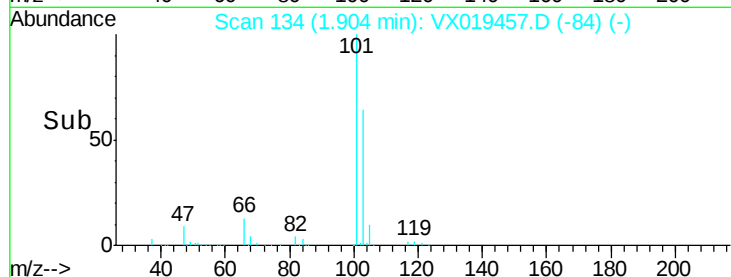
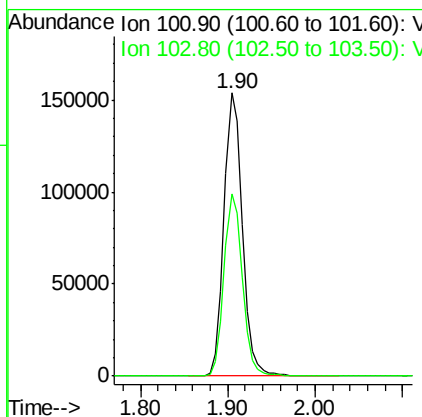
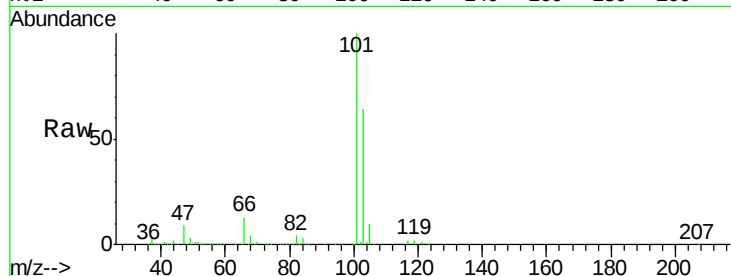
Trichlorofluoromethane
Concen: 47.725 ug/l
RT: 1.90 min Scan# 134
Delta R.T. 0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.8

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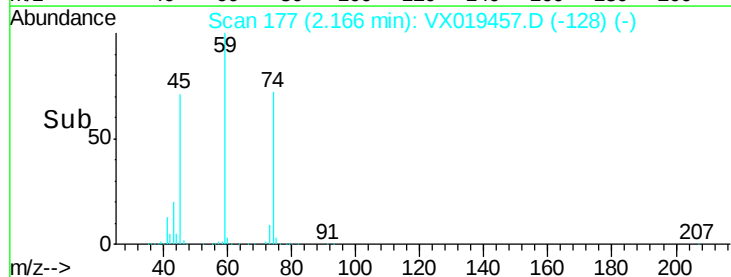
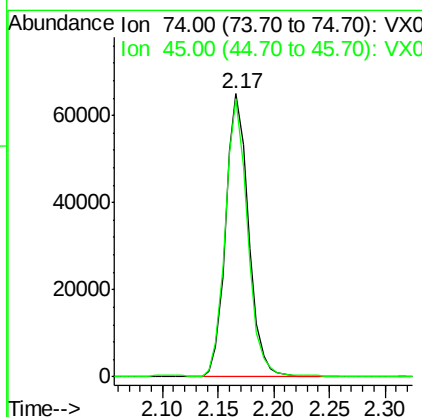
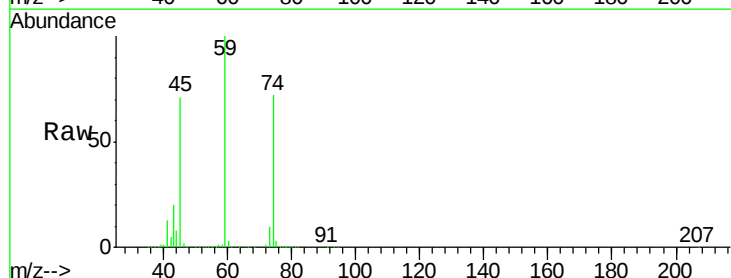
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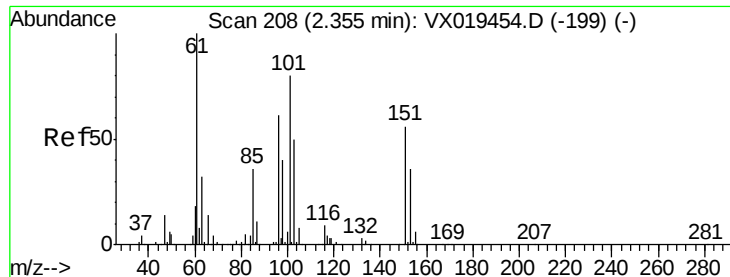


#8

Diethyl Ether
Concen: 49.741 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.3	48.8	146.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.030 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

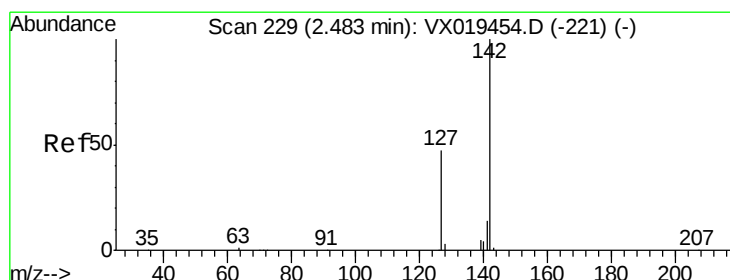
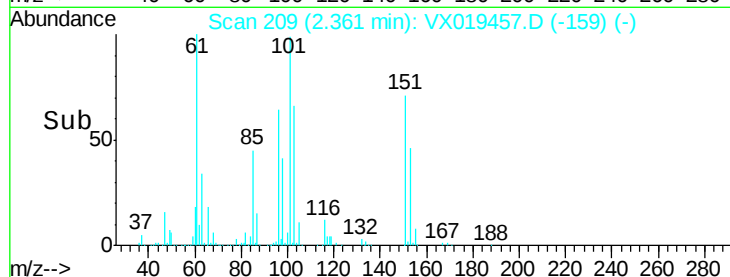
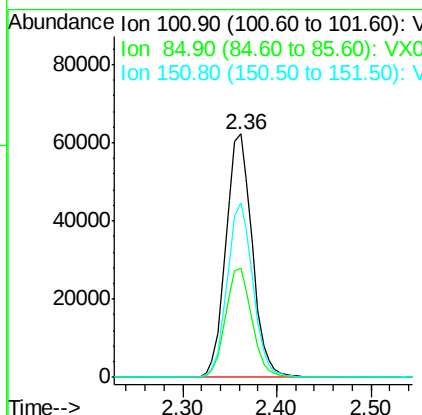
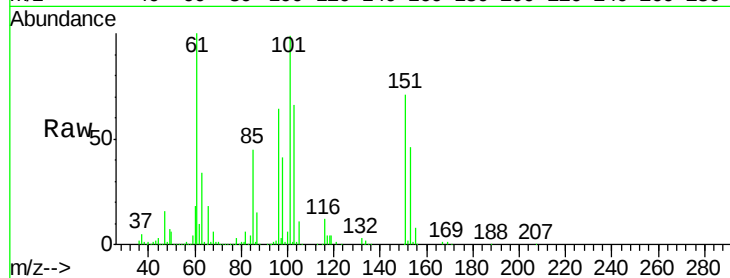
ClientSampleId :

ICVVX111920

Tot Ion:	101	Resp:	120694
Ion Ratio	Lower	Upper	
101	100		
85	44.9	36.9	55.3
151	70.4	56.8	85.2

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11/19/2020 11:58:33 AM



#10

Methyl Iodide

Concen: 48.065 ug/l

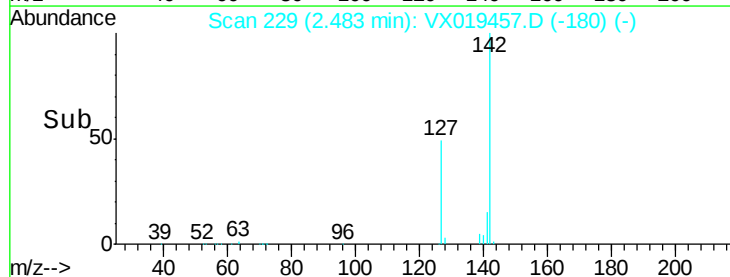
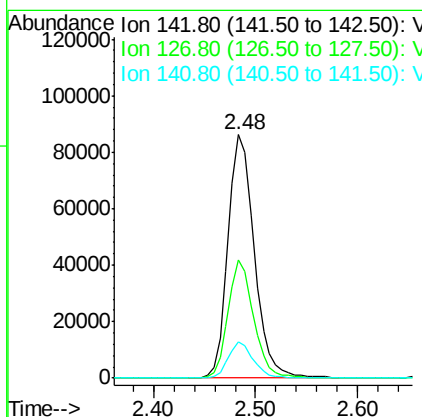
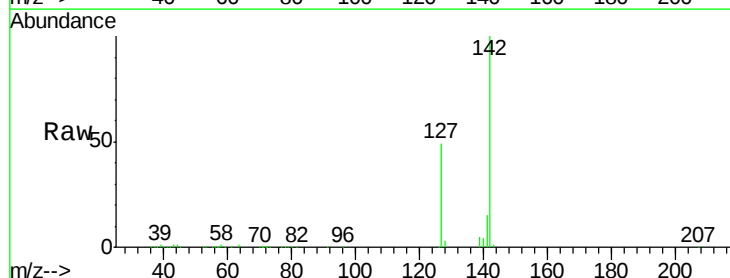
RT: 2.48 min Scan# 229

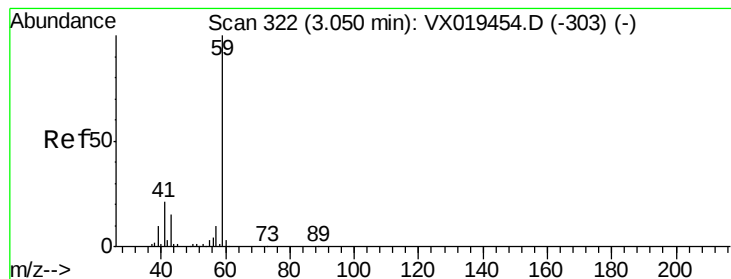
Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	142	Resp:	153925
Ion Ratio	Lower	Upper	
142	100		
127	47.3	37.8	56.6
141	14.2	11.4	17.2





#11

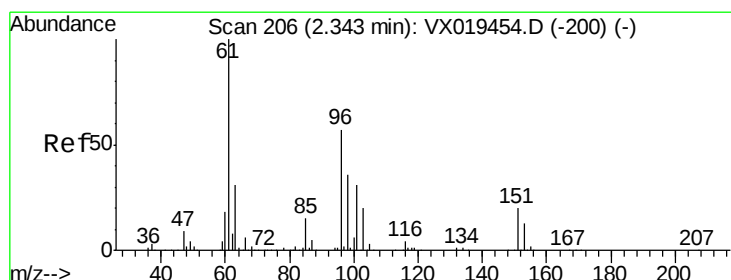
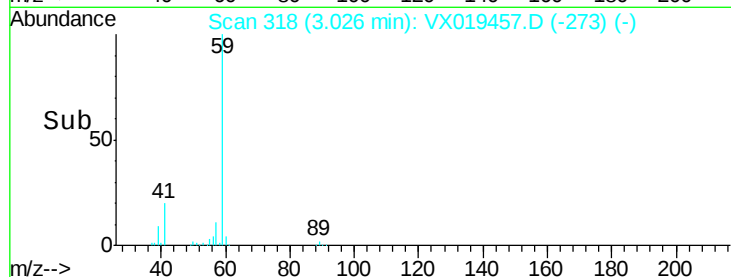
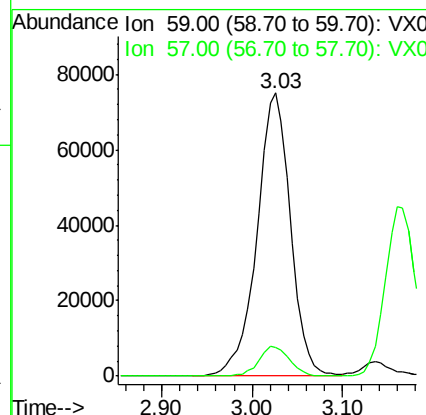
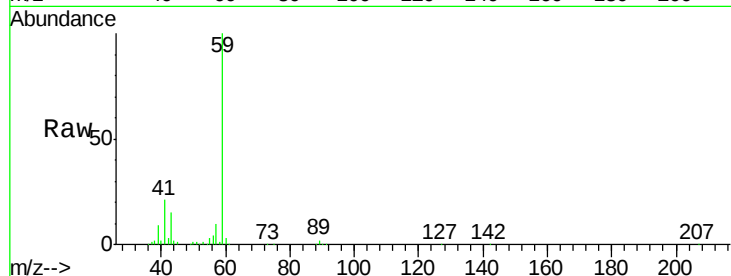
Tert butyl alcohol
Concen: 274.930 ug/l
RT: 3.03 min Scan# 318
Delta R.T. -0.02 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
59	100	192245		
57	9.6		8.4	12.6

Manual Integrations
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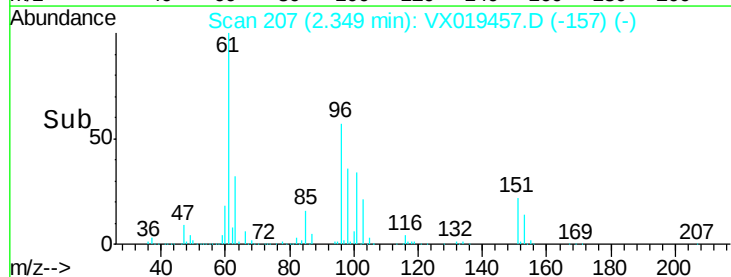
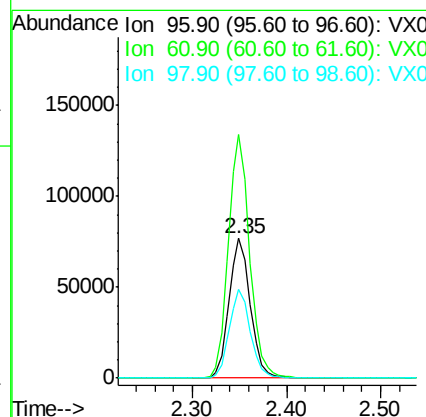
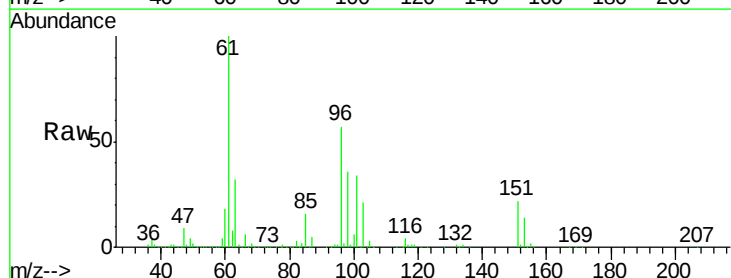
MMDadoda
11/19/2020 11:58:33 AM

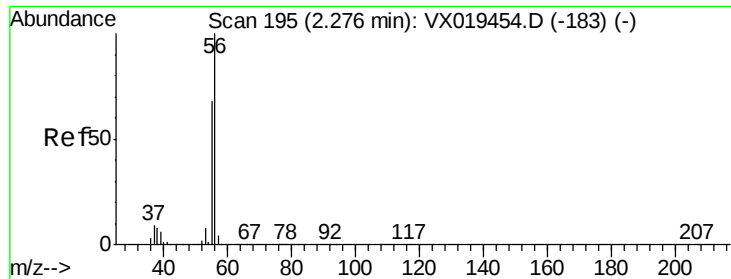


#12

1,1-Dichloroethene
Concen: 46.418 ug/l
RT: 2.35 min Scan# 207
Delta R.T. 0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	120107		
61	174.5		139.2	208.8
98	63.6		50.3	75.5





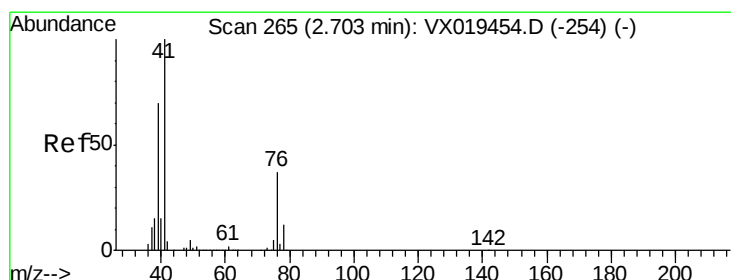
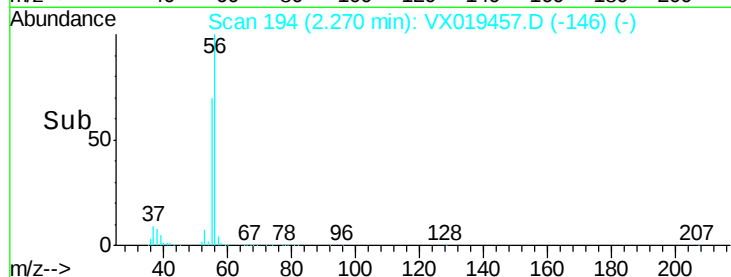
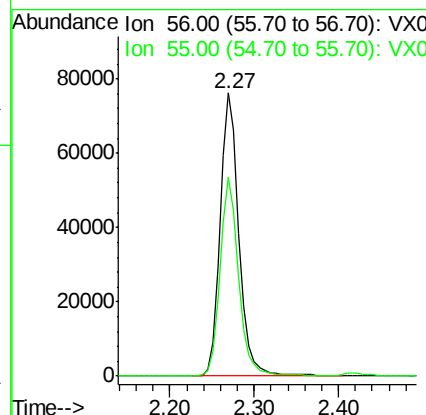
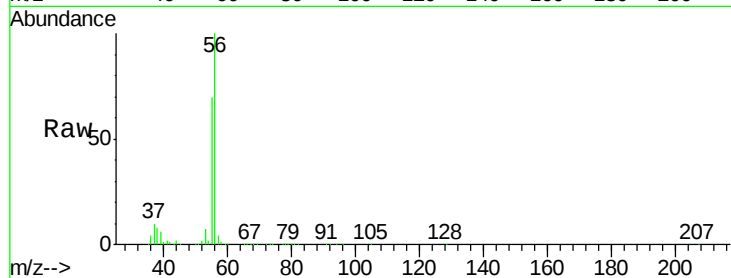
#13
Acrolein
Concen: 232.478 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.1	55.9	83.9

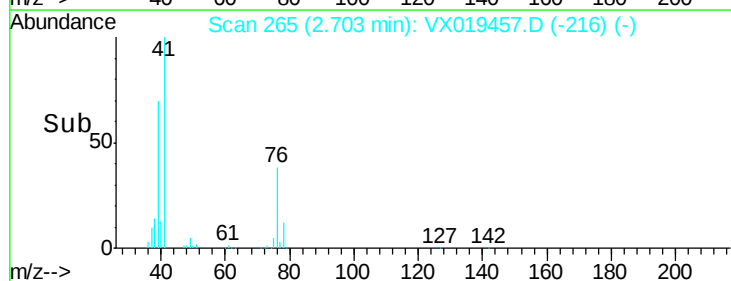
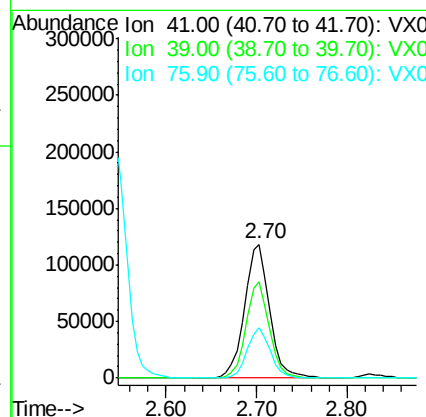
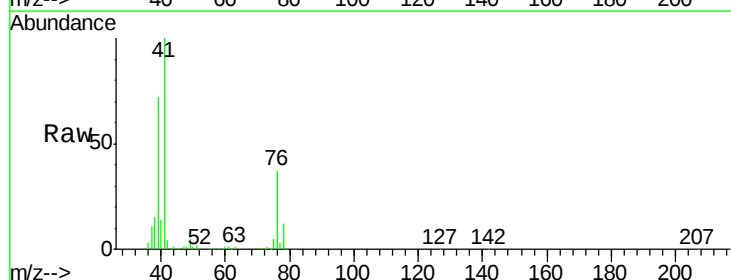
Manual Integrations
APPROVED

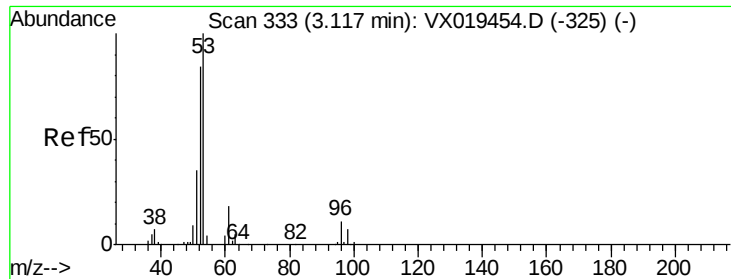
MMDadoda
11/19/2020 11:58:33 AM



#14
Allyl chloride
Concen: 49.874 ug/l
RT: 2.70 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
41	100		
39	66.8	53.2	79.8
76	34.4	27.5	41.3





#15

Acrylonitrile

Concen: 261.991 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

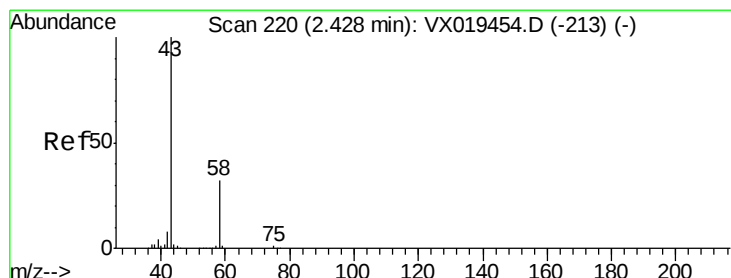
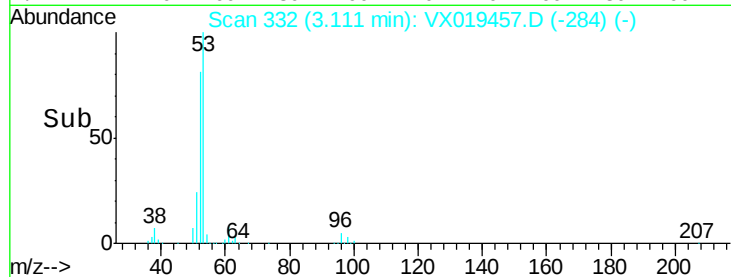
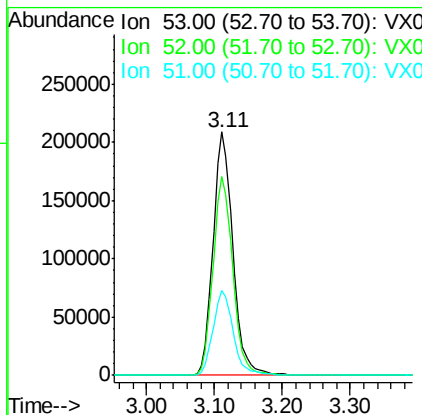
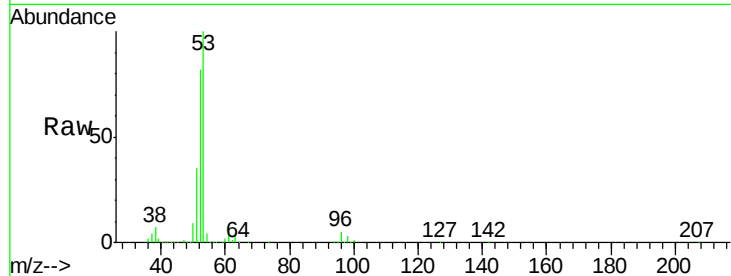
ClientSampleId :

ICVVX111920

Tot Ion:	53	Resp:	422460
Ion	Ratio	Lower	Upper
53	100		
52	81.4	66.3	99.5
51	35.8	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 258.826 ug/l

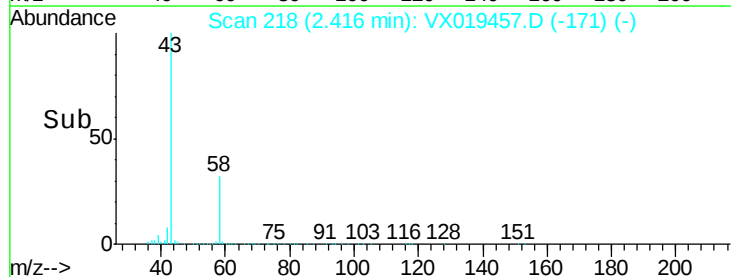
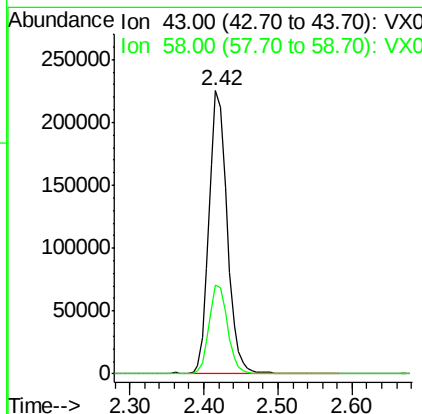
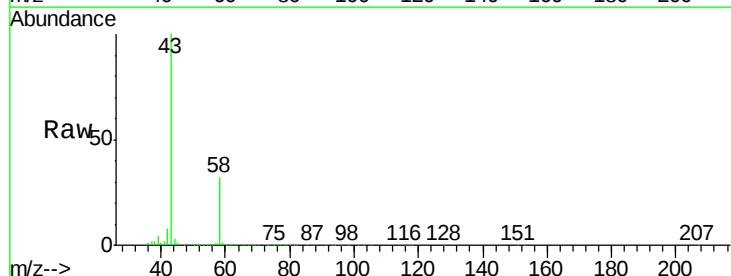
RT: 2.42 min Scan# 218

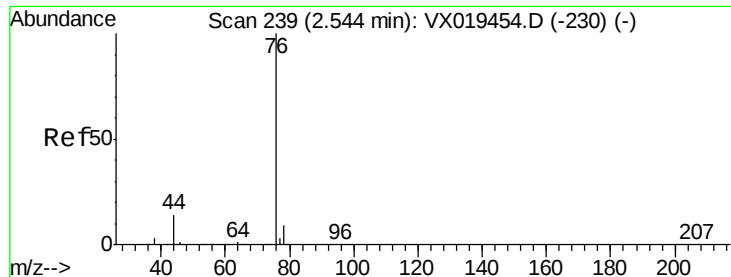
Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	43	Resp:	376636
Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.4	38.0





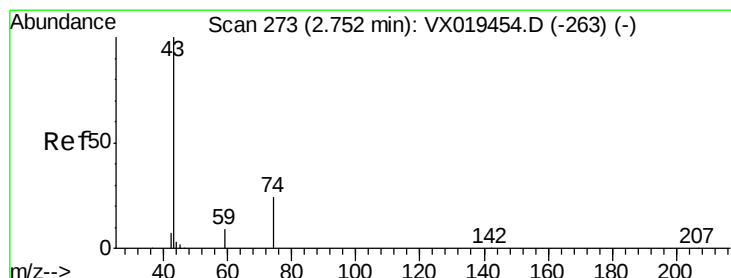
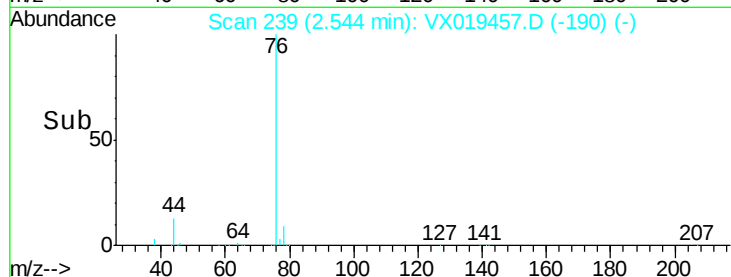
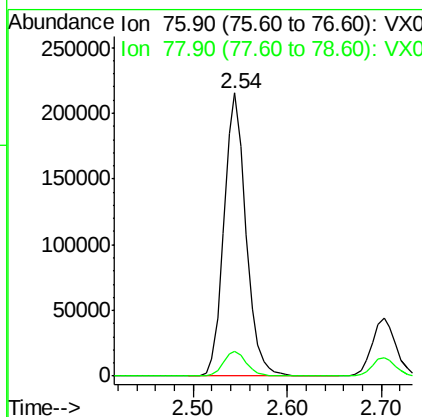
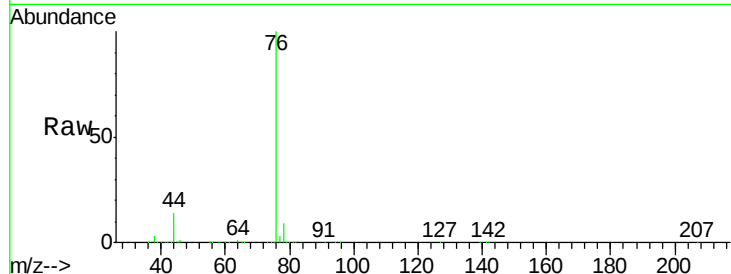
#17
Carbon Disulfide
Concen: 49.559 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.4	11.2

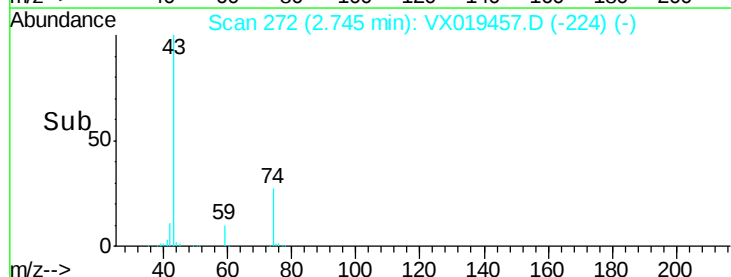
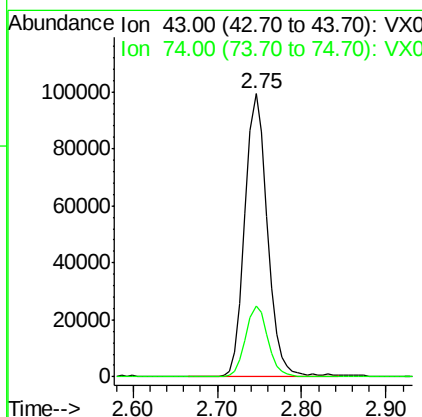
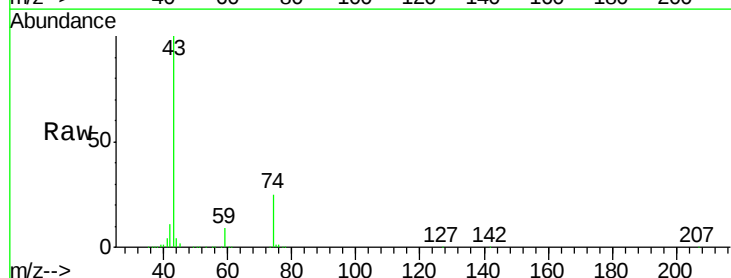
Manual Integrations
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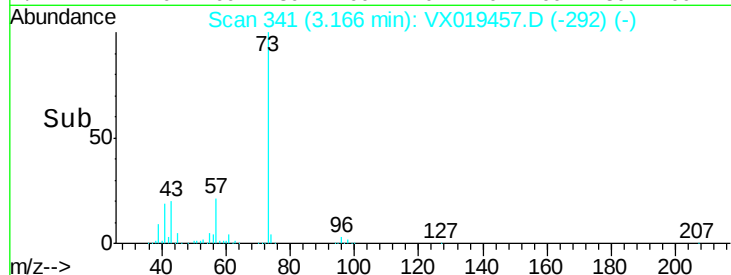
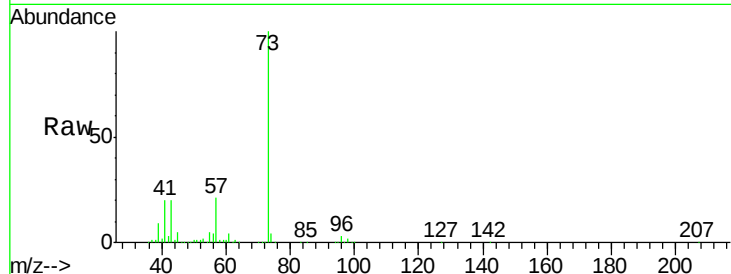
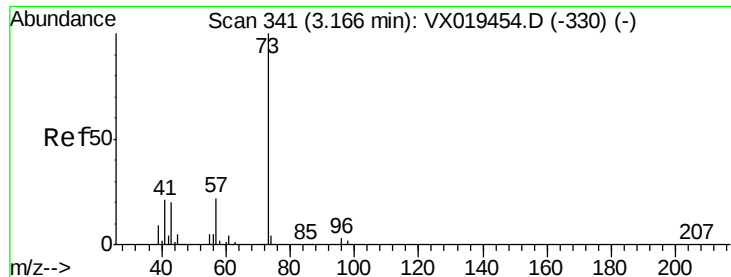
MMDadoda
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#18
Methyl Acetate
Concen: 49.584 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.9	29.9





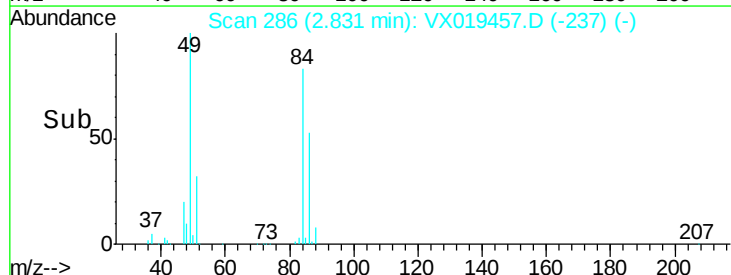
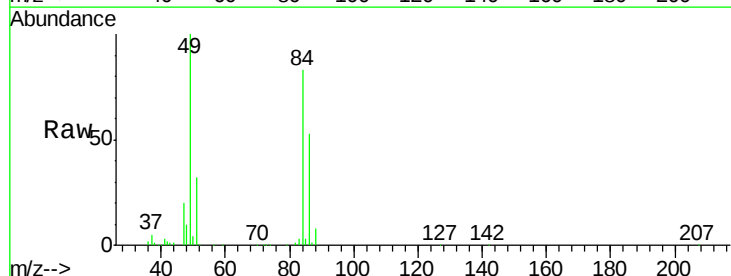
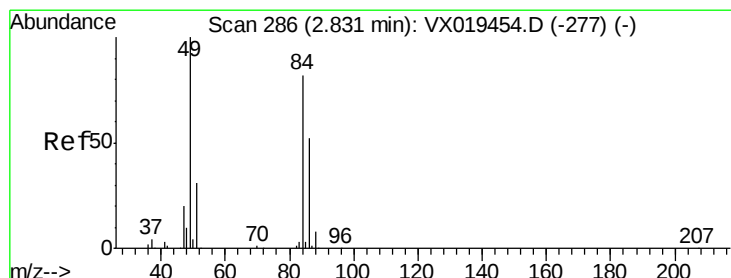
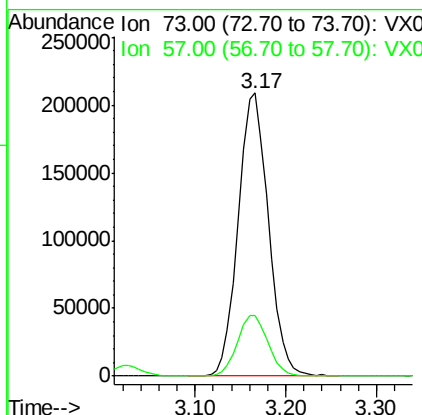
#19
Methvl tert-butvl Ether
Concen: 51.774 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tot Ion	73	57	Ratio	100	21.4	Resp:	484331	Lower	17.5	Upper	26.3
Ion	73	57	Ratio	100	21.4	Resp:	484331	Lower	17.5	Upper	26.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

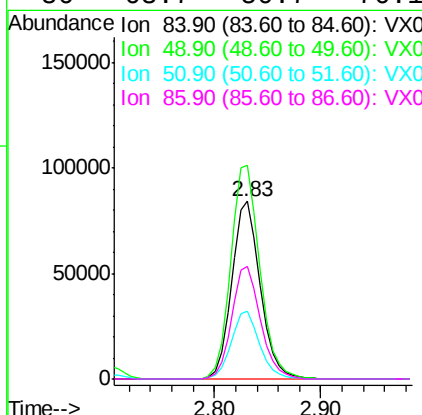
Manual Integrations
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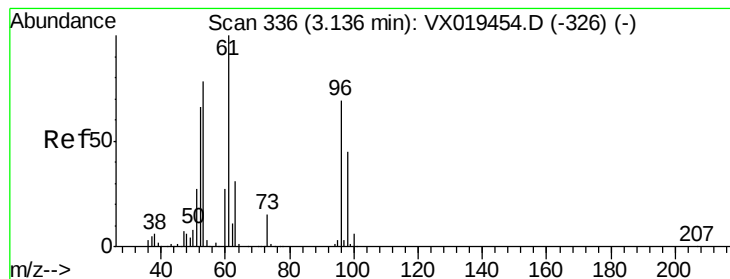
MMDadoda
11/19/2020 11:58:33 AM



#20
Methylene Chloride
Concen: 48.071 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	84	49	51	86	Ratio	100	120.5	38.1	63.7	Resp:	158371	Lower	97.6	30.6	50.7	Upper	146.4	45.8	76.1
Ion	84	49	51	86	Ratio	100	120.5	38.1	63.7	Resp:	158371	Lower	97.6	30.6	50.7	Upper	146.4	45.8	76.1





#21

trans-1,2-Dichloroethene

Concen: 48.493 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 96 Resp: 138885

Ion Ratio Lower Upper

96 100

61 148.2 116.0 174.0

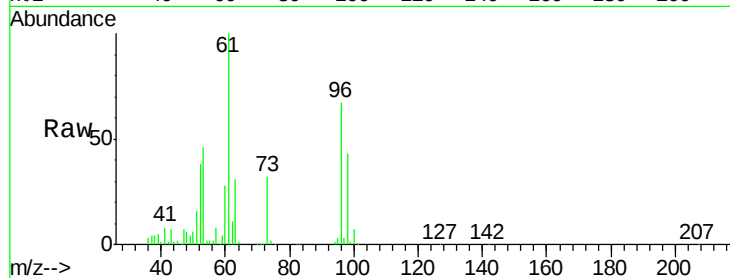
98 63.7 51.8 77.6

Manual Integrations

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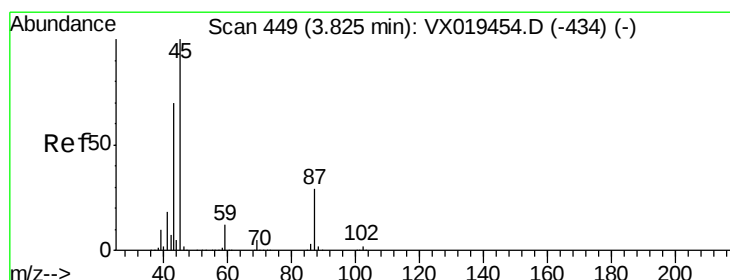
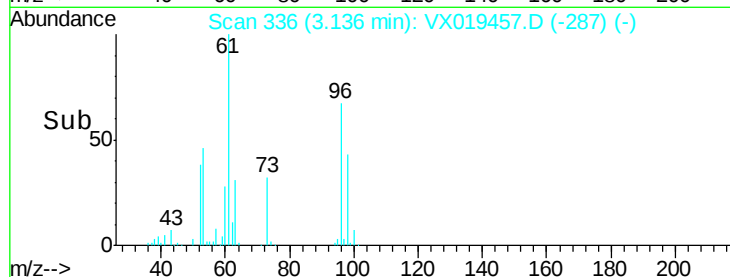
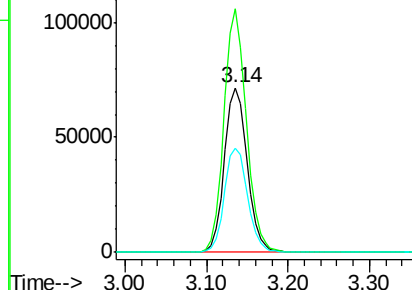
11/19/2020 11:58:33 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.706 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion: 45 Resp: 469240

Ion Ratio Lower Upper

45 100

43 73.8 56.6 84.8

87 27.6 22.9 34.3

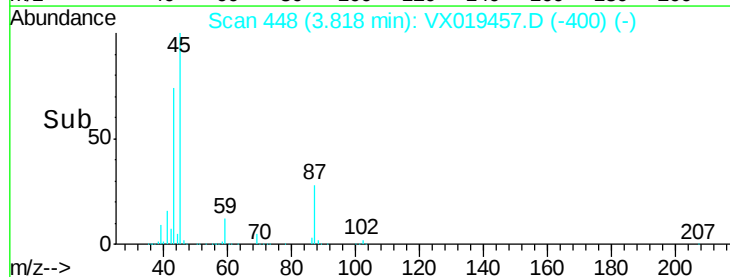
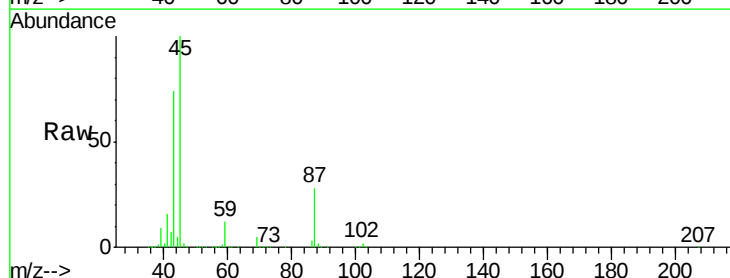
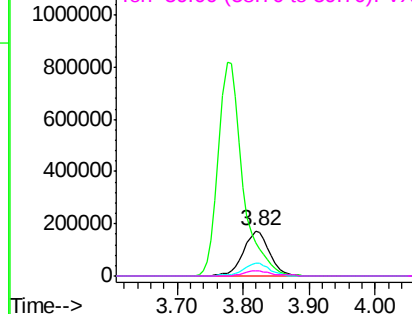
59 11.5 9.6 14.4

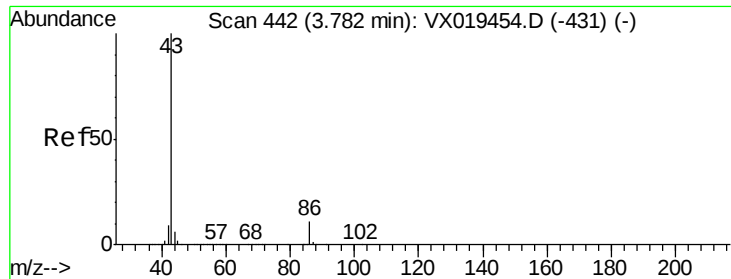
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 267.925 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 43 Resp: 2103756

Ion Ratio Lower Upper

43 100

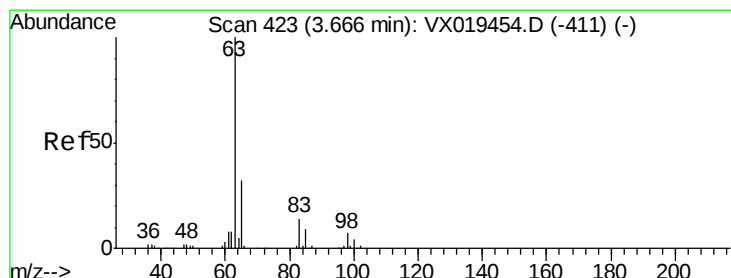
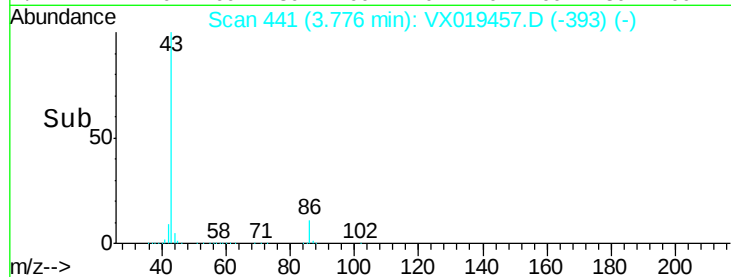
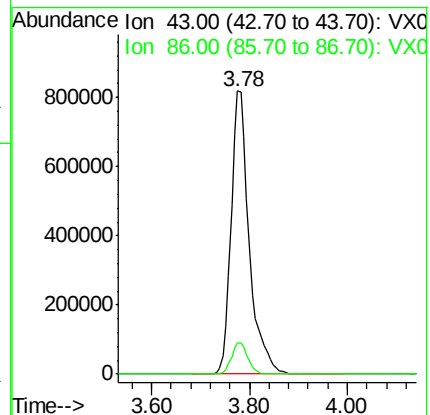
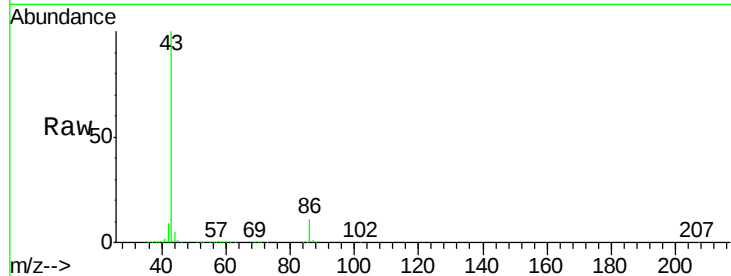
86 11.1 8.8 13.2

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.354 ug/l

RT: 3.66 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

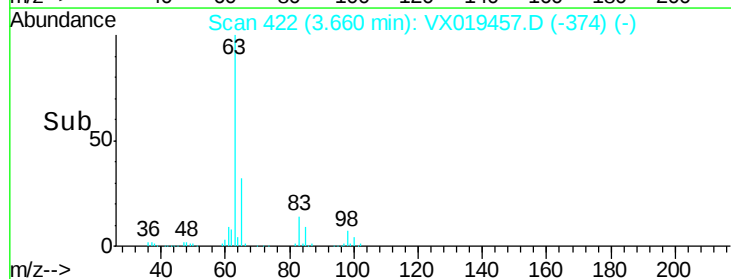
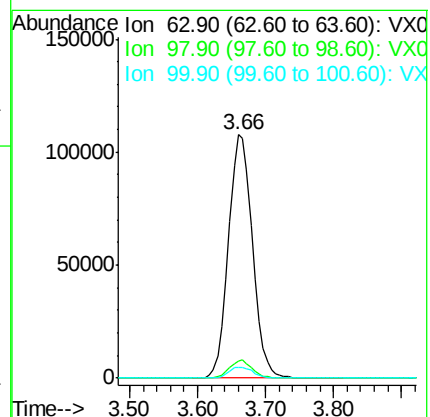
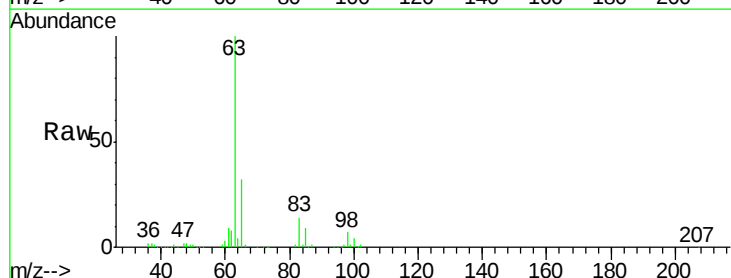
Tgt Ion: 63 Resp: 262609

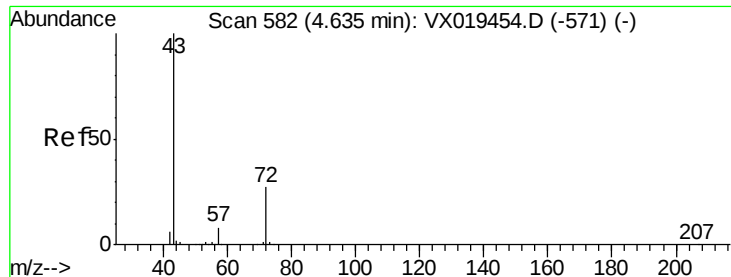
Ion Ratio Lower Upper

63 100

98 7.3 3.4 10.2

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 268.818 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 43 Resp: 583589

Ion Ratio Lower Upper

43 100

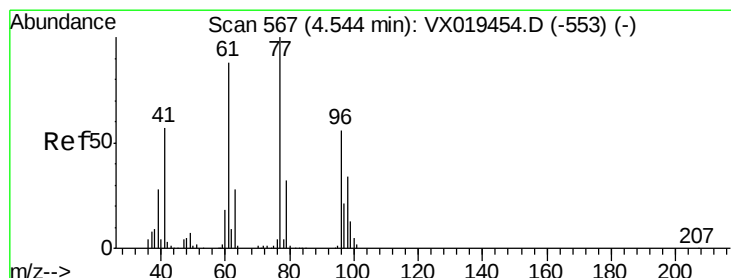
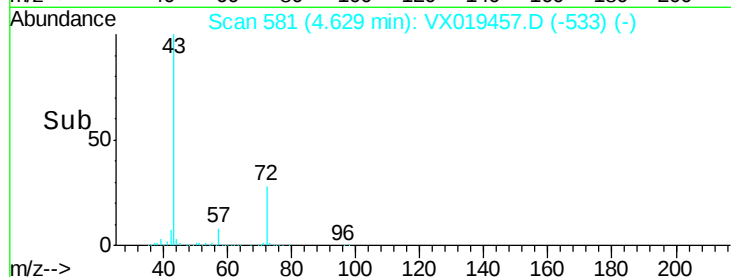
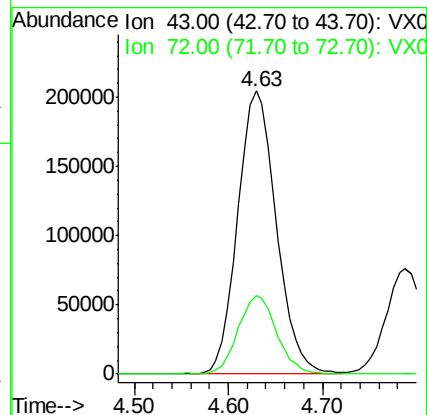
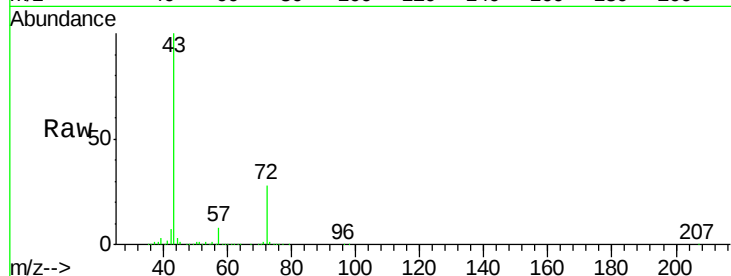
72 27.6 21.4 32.0

Manual Integrations

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MMDadoda

11/19/2020 11:58:33 AM



#26

2,2-Dichloropropane

Concen: 49.572 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019457.D

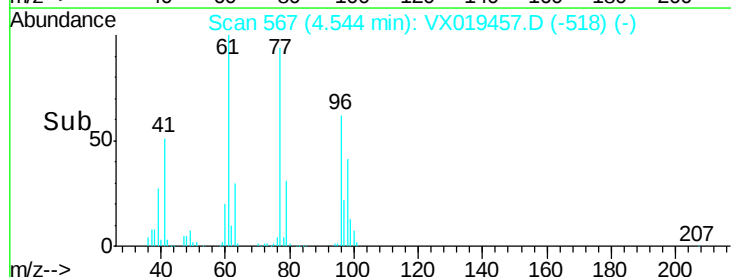
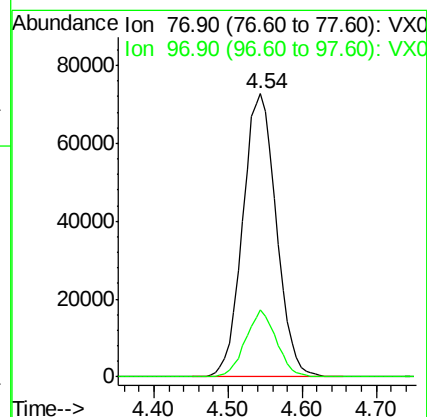
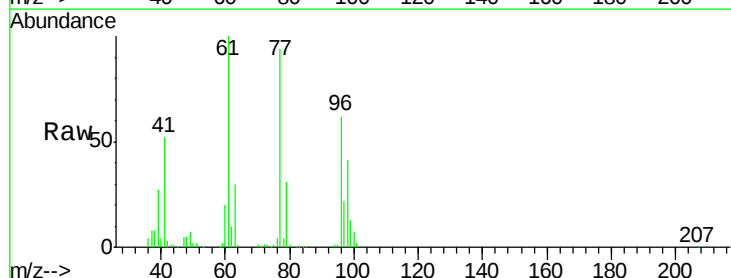
Acq: 18 Nov 2020 17:33

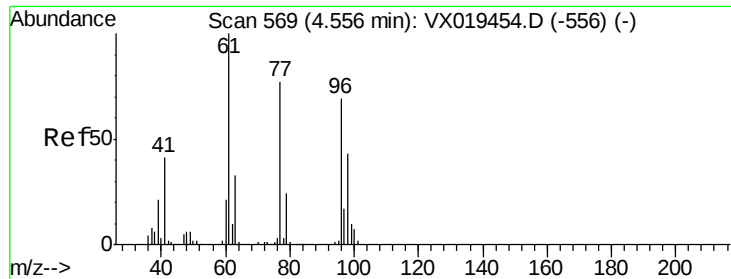
Tgt Ion: 77 Resp: 229924

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

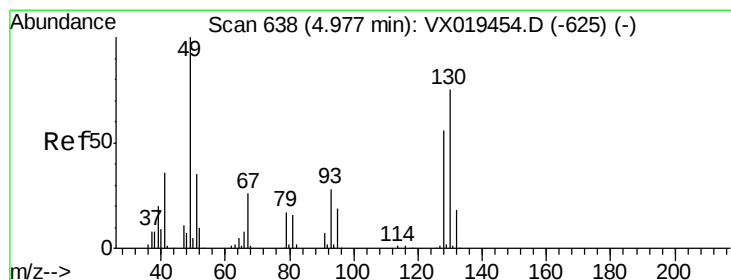
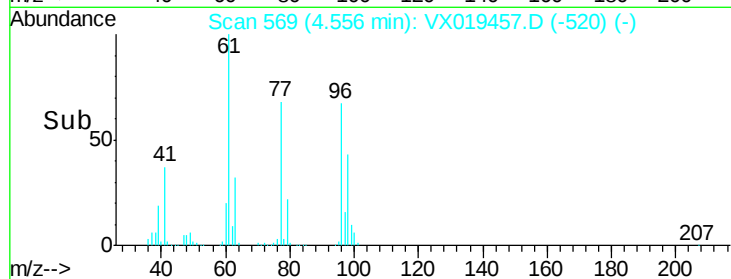
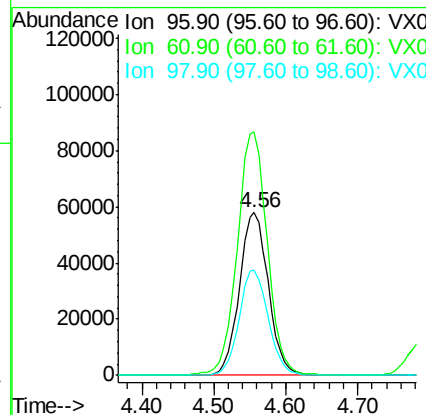
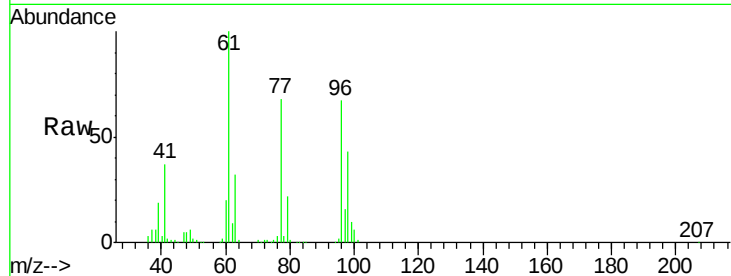
cis-1,2-Dichloroethene
Concen: 49.679 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.9	0.0	307.8	
98	65.1	0.0	128.6	

Manual Integrations
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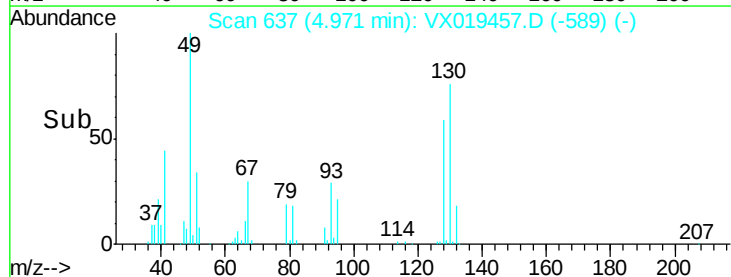
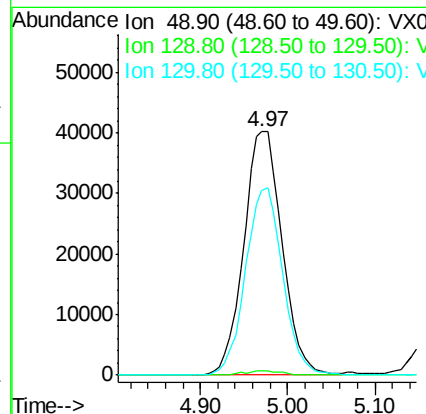
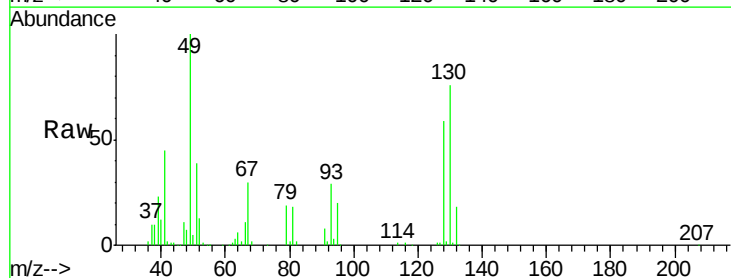
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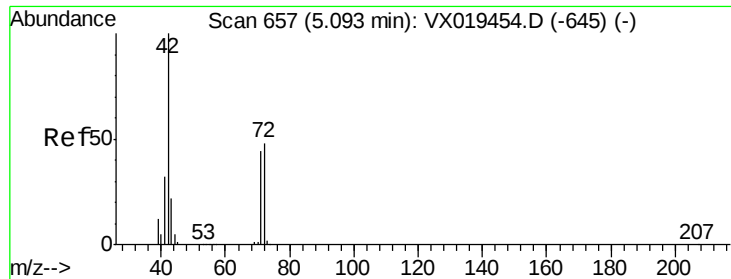


#28

Bromochloromethane
Concen: 47.571 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.8	0.0	3.8	
130	74.5	59.2	88.8	





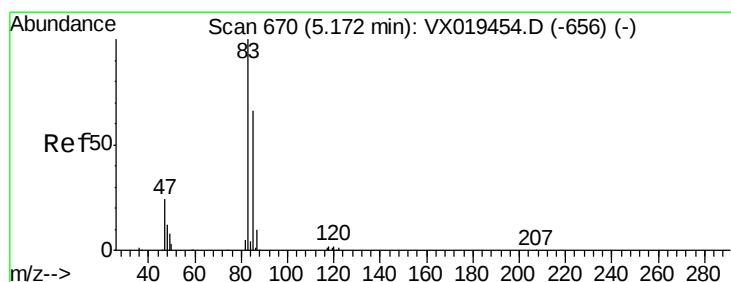
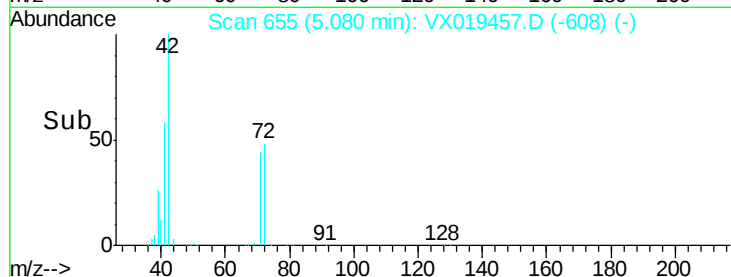
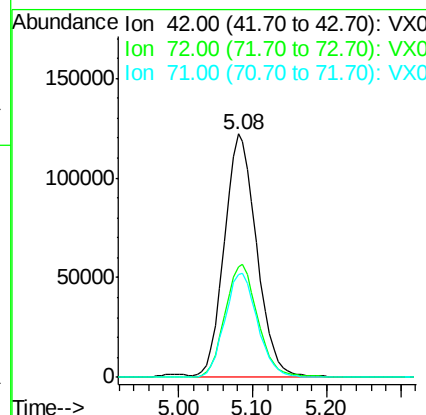
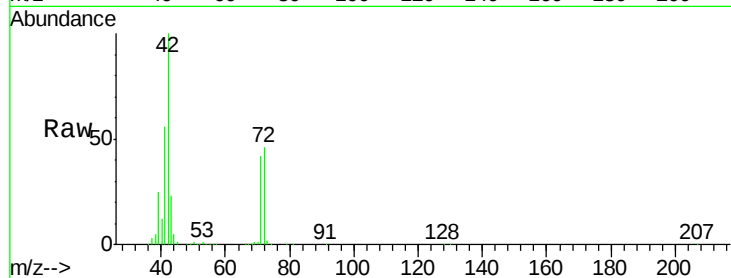
#29
Tetrahydrofuran
Concen: 263.234 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
42	100	368390		
72	47.4		38.1	57.1
71	43.4		34.6	51.8

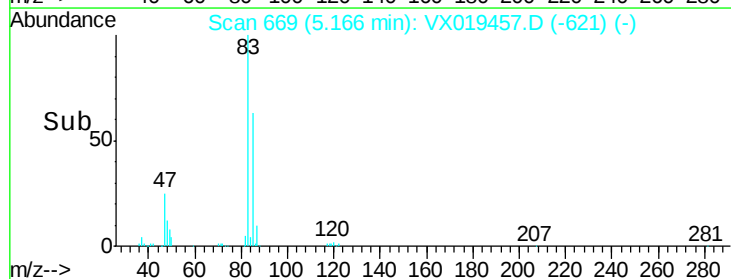
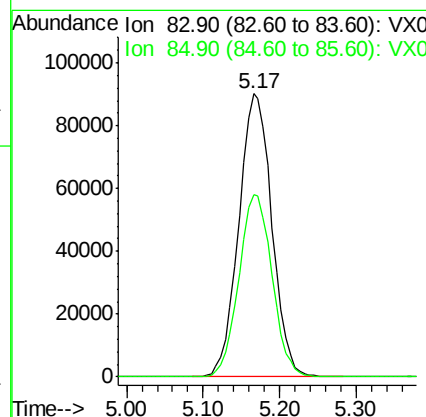
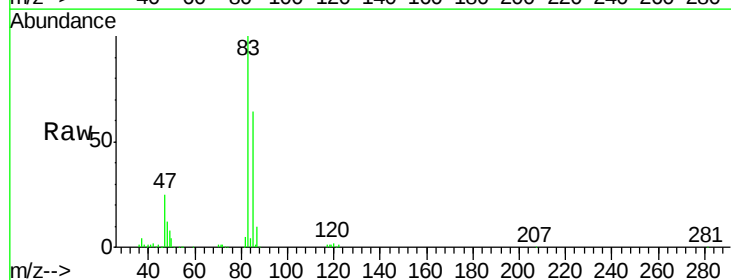
Manual Integrations
APPROVED

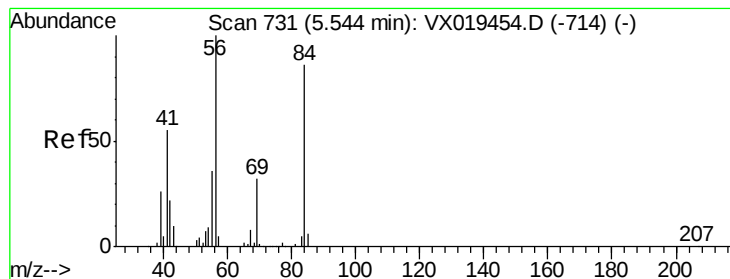
MMDadoda
11/19/2020 11:58:33 AM



#30
Chloroform
Concen: 48.791 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	270235		
85	64.2		52.4	78.6





#31

Cvclohexane

Concen: 48.428 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

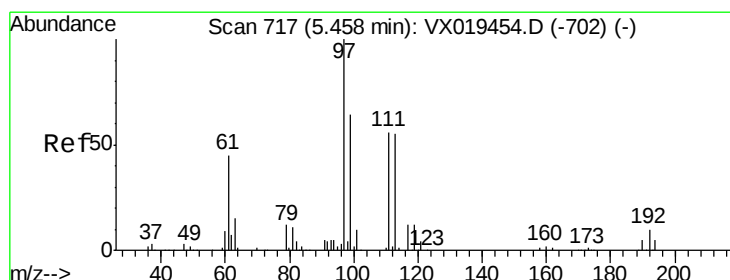
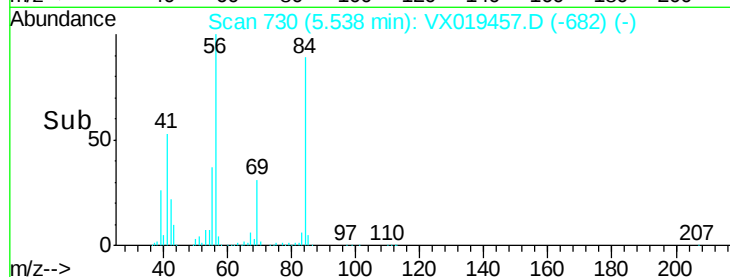
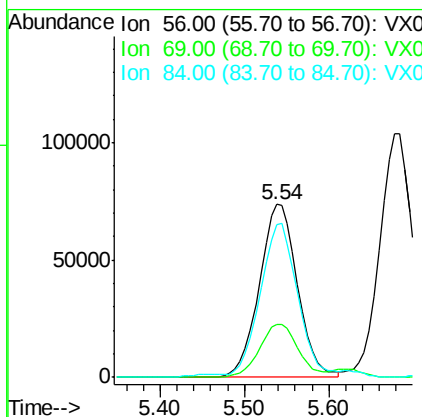
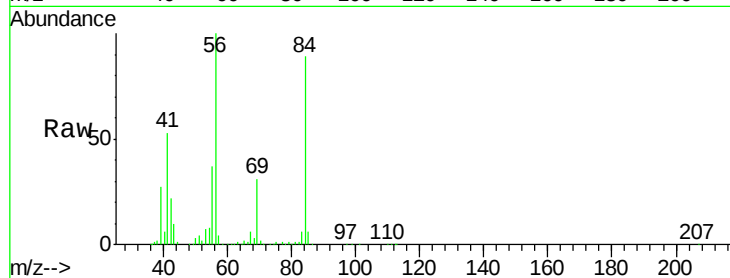
ClientSampleId :

ICVVX111920

Tot Ion:	56	Resp:	228845
Ion Ratio	Lower	Upper	
56	100		
69	30.9	25.2	37.8
84	87.6	68.5	102.7

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.787 ug/l

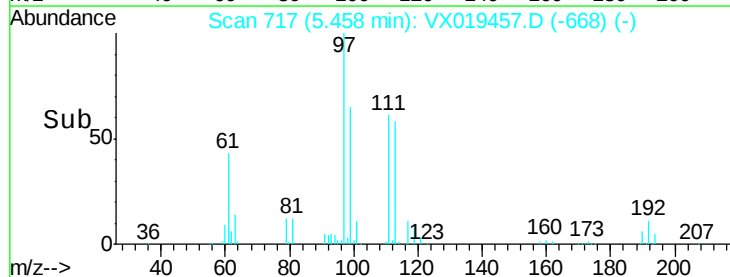
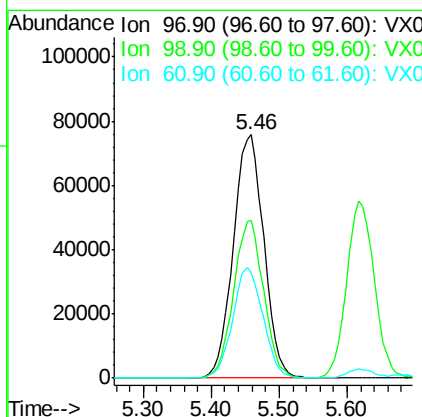
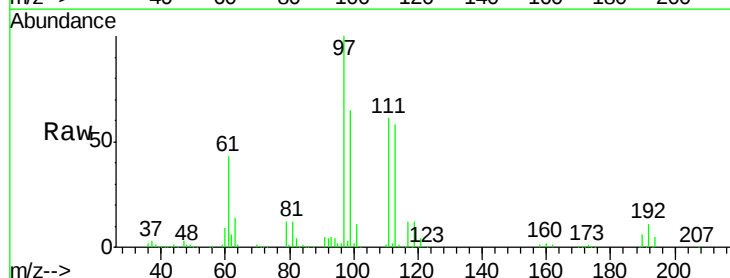
RT: 5.46 min Scan# 717

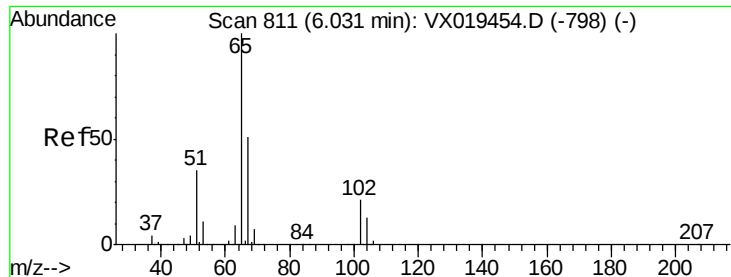
Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	97	Resp:	235785
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.9	77.9
61	44.9	36.2	54.2





#33

1,2-Dichloroethane-d4

Concen: 46.030 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 65 Resp: 173180

Ion Ratio Lower Upper

65 100

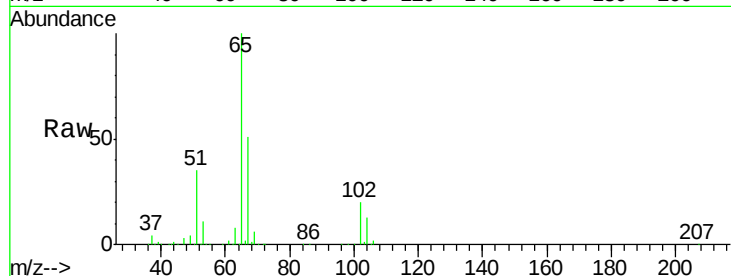
67 51.5 0.0 102.4

Manual Integrations

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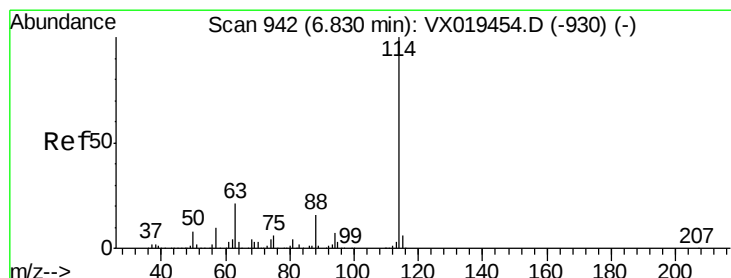
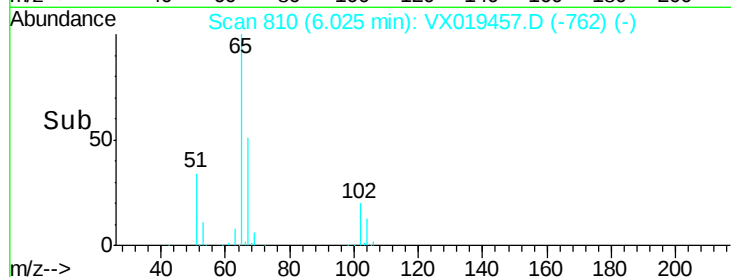
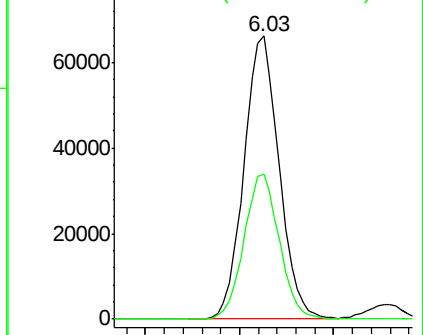
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

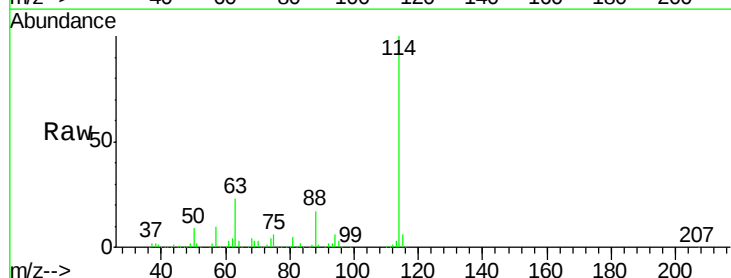
Tgt Ion: 114 Resp: 411119

Ion Ratio Lower Upper

114 100

63 22.5 0.0 42.0

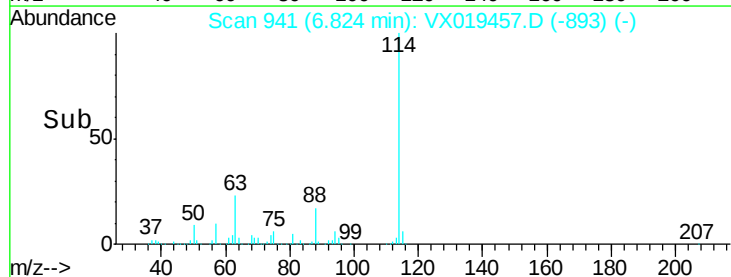
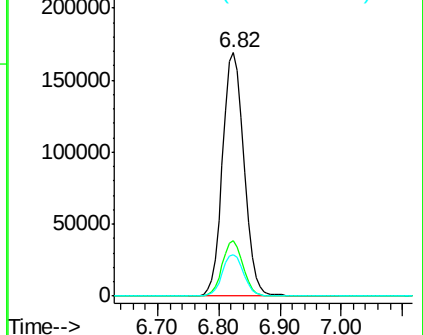
88 17.0 0.0 32.0

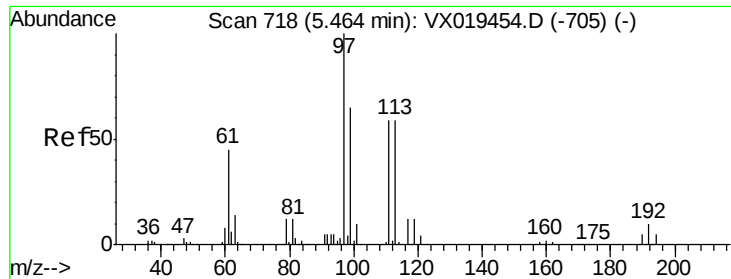


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





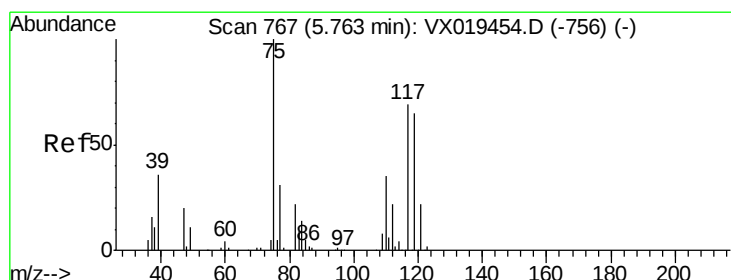
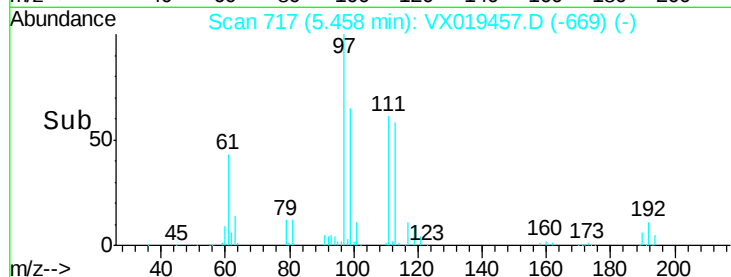
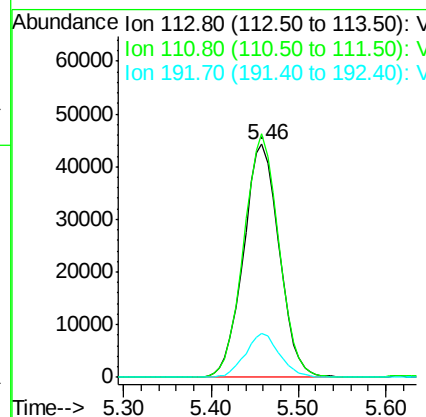
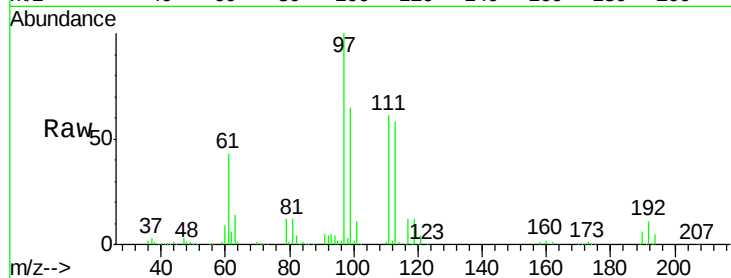
#35
 Dibromofluoromethane
 Concen: 46.521 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
113	100	125849		
111	103.0	82.2	123.4	
192	18.1	14.2	21.4	

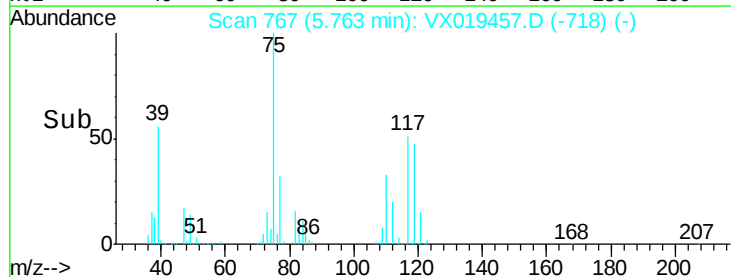
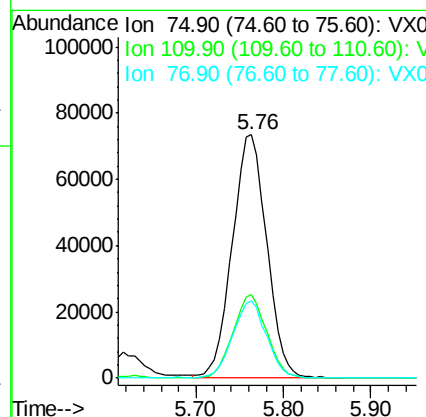
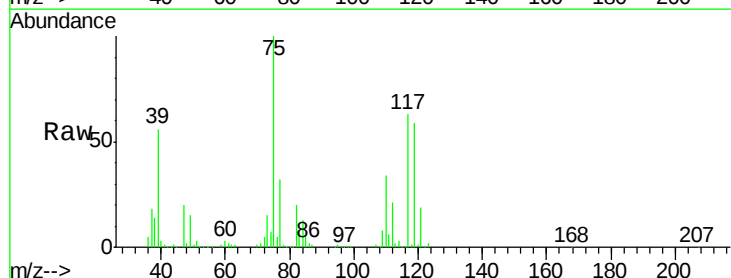
Manual Integrations
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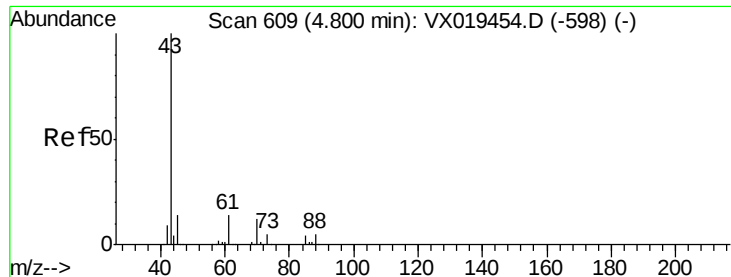
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 11/19/2020 11:58:33 AM



#36
 1,1-Dichloropropene
 Concen: 48.723 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200787		
110	33.6	17.0	50.9	
77	31.0	24.7	37.1	





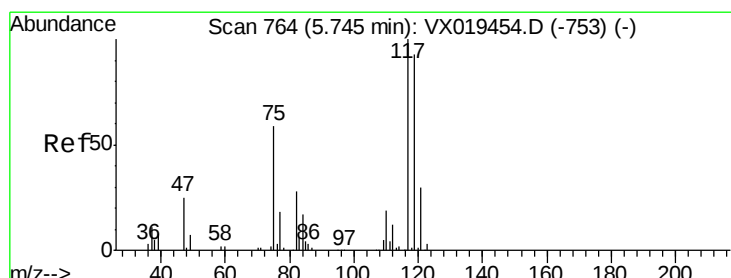
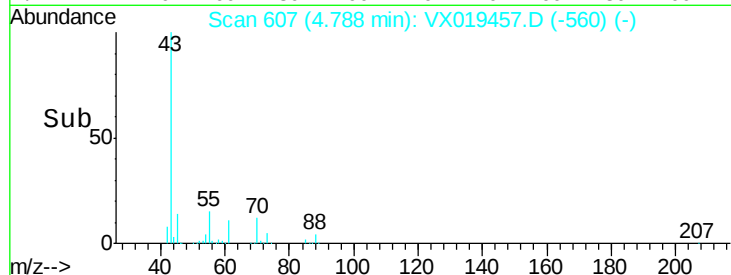
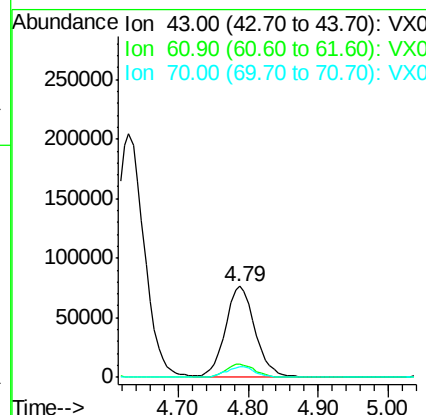
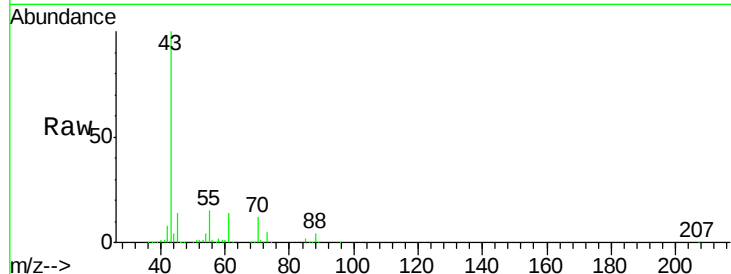
#37
Ethyl Acetate
Concen: 53.097 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.6	17.4
70	11.6	9.2	13.8

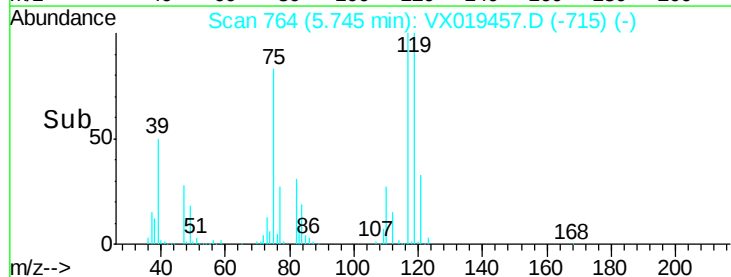
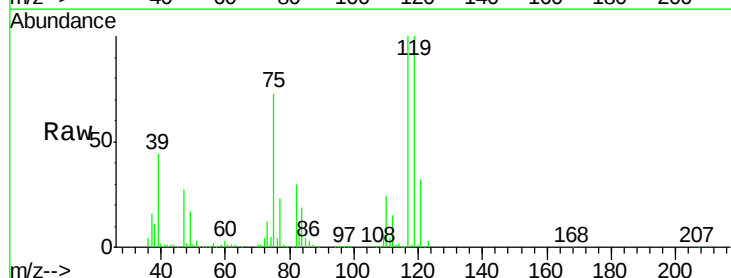
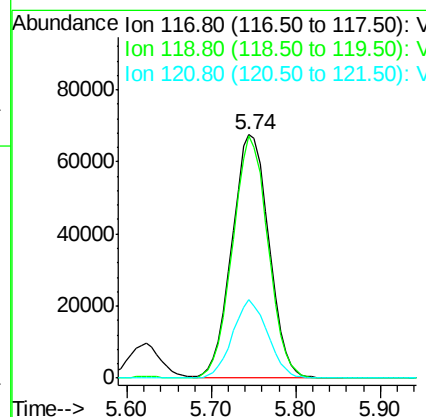
Manual Integrations
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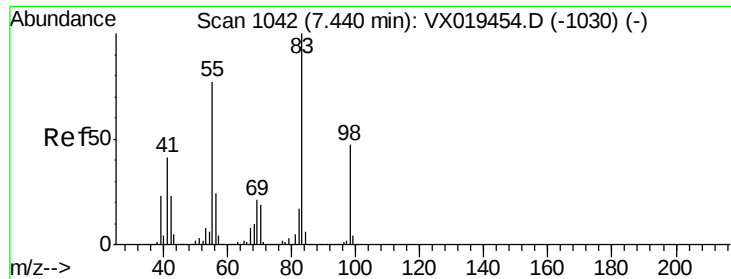
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#38
Carbon Tetrachloride
Concen: 49.327 ug/l
RT: 5.74 min Scan# 764
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.6	74.1	111.1
121	32.4	23.6	35.4





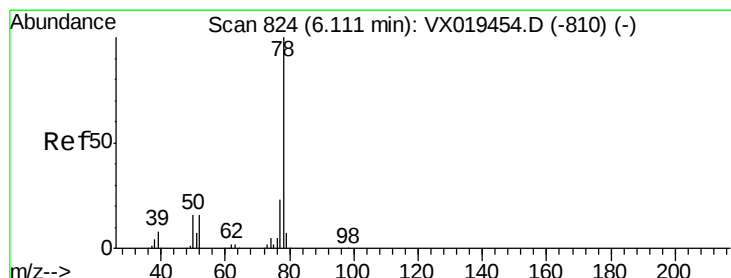
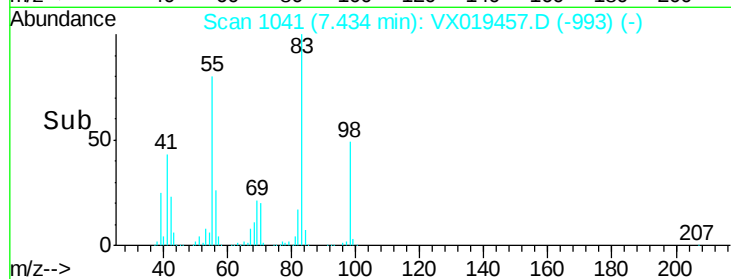
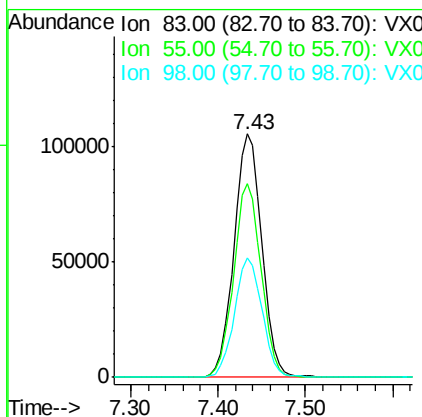
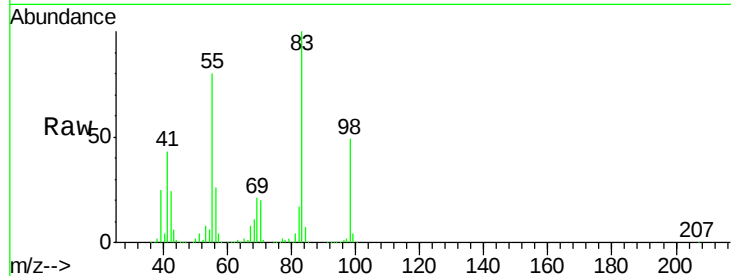
#39
Methvlcvclohexane
Concen: 50.569 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.8	61.4	92.0
98	49.1	37.6	56.4

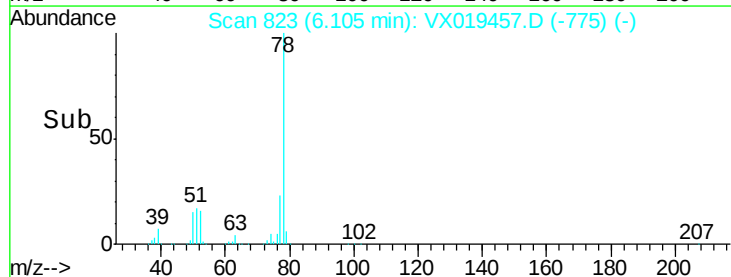
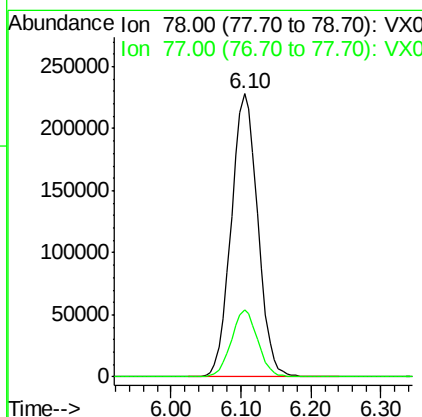
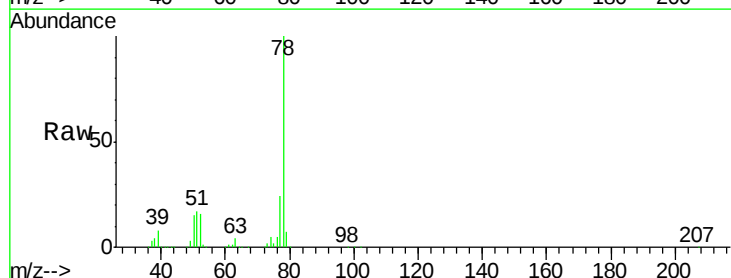
Manual Integrations
APPROVED

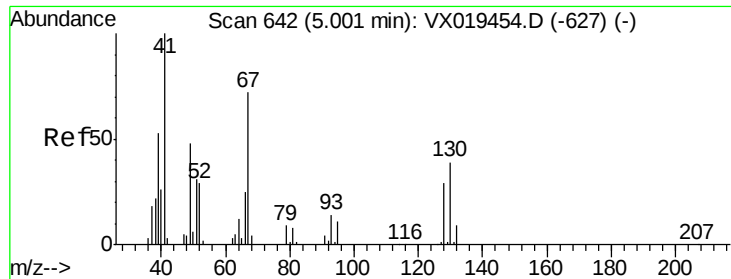
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#40
Benzene
Concen: 49.059 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	28.0





#41

Methacrylonitrile

Concen: 52.742 ug/l

RT: 5.00 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

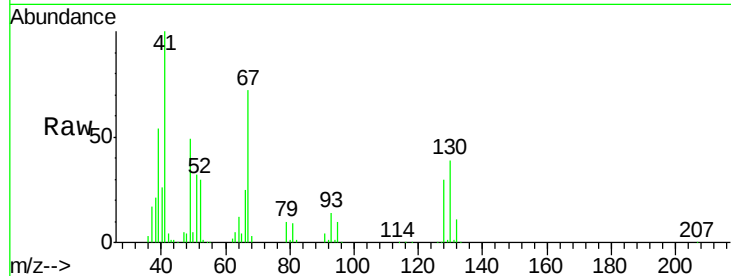
ClientSampleId :

ICVVX111920

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.2	44.6	67.0	
67	74.5	60.6	91.0	
52	30.9	25.1	37.7	

Manual Integrations
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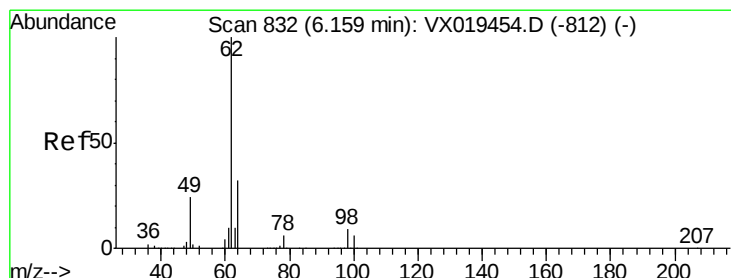
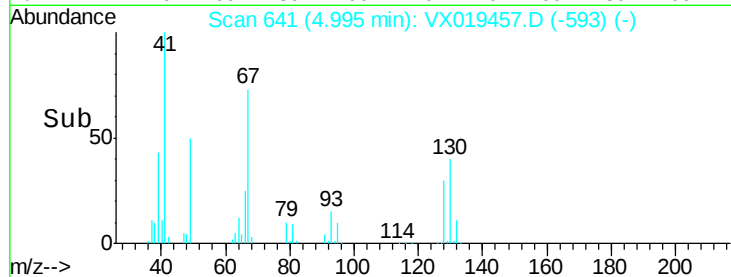
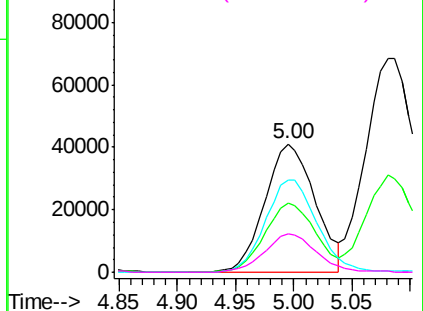
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.203 ug/l

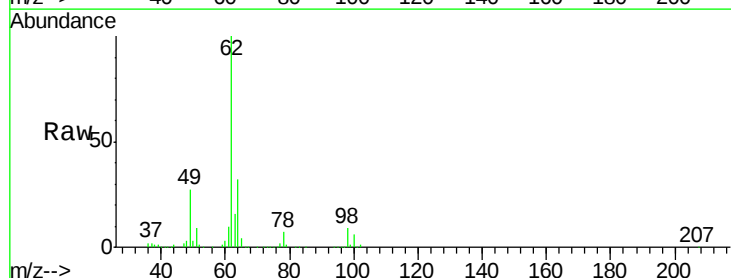
RT: 6.15 min Scan# 831

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

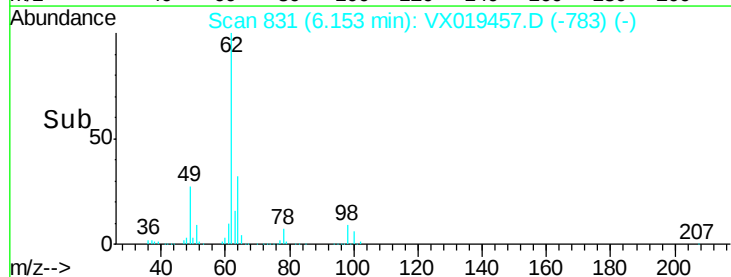
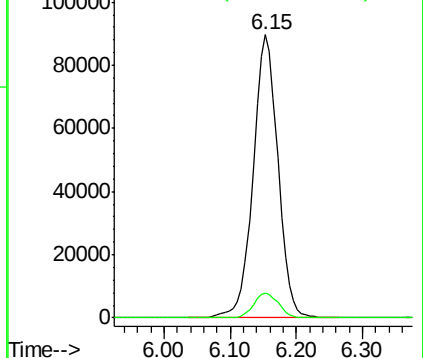
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	17.8	

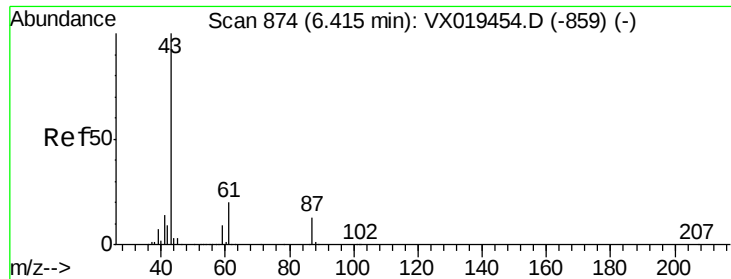


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 52.513 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

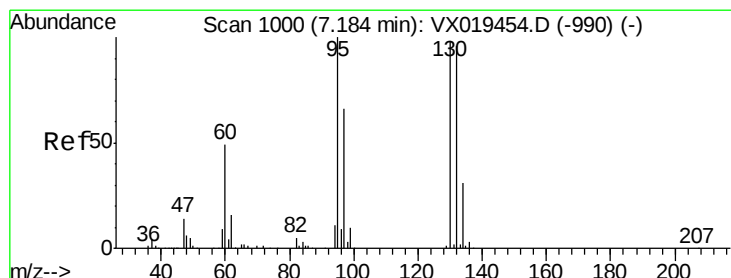
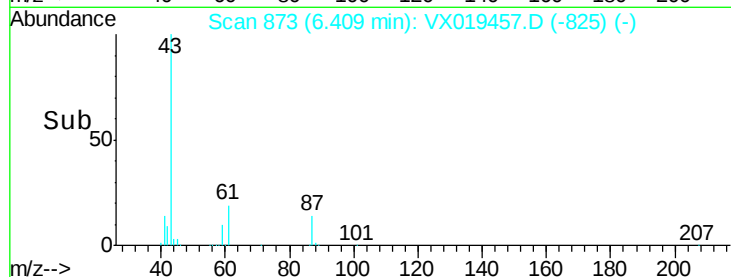
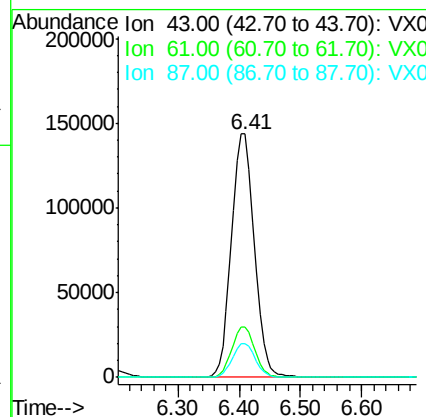
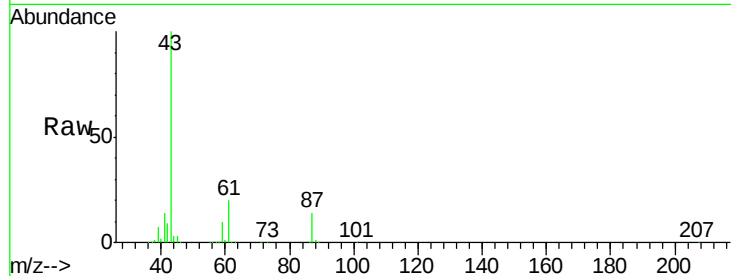
ClientSampleId :

ICVVX111920

Tot Ion:	43	Resp:	368964
Ion	Ratio	Lower	Upper
43	100		
61	20.6	16.2	24.4
87	13.8	10.7	16.1

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#44

Trichloroethene

Concen: 49.105 ug/l

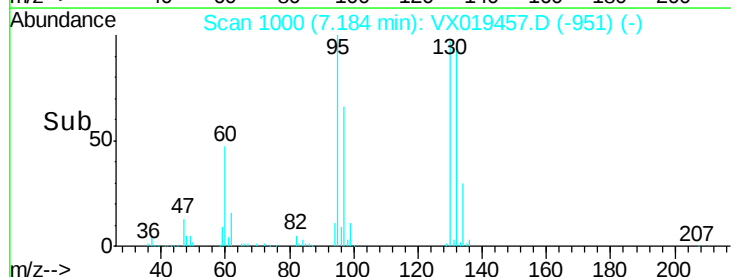
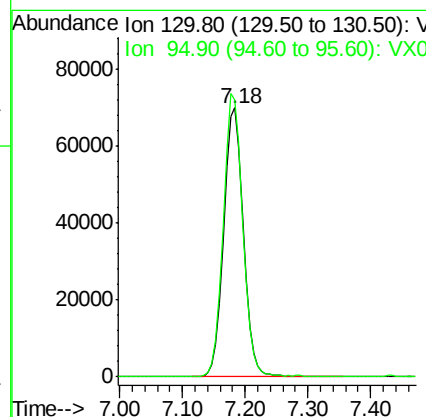
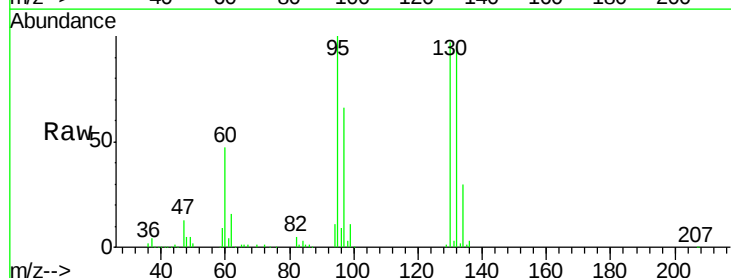
RT: 7.18 min Scan# 1000

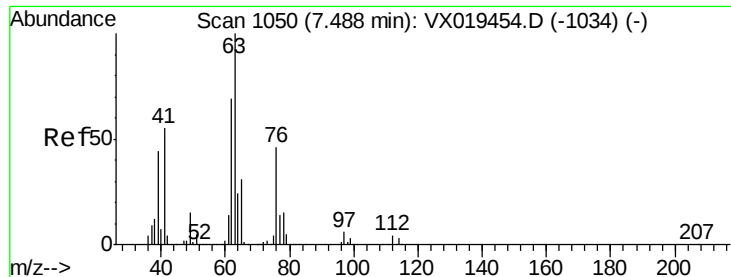
Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	130	Resp:	152010
Ion	Ratio	Lower	Upper
130	100		
95	103.2	0.0	204.4





#45

1,2-Dichloropropane

Concen: 49.370 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 63 Resp: 157184

Ion Ratio Lower Upper

63 100

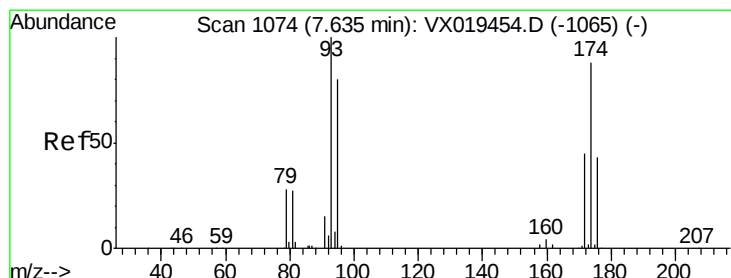
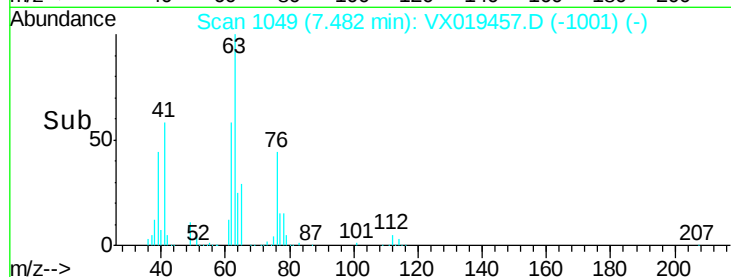
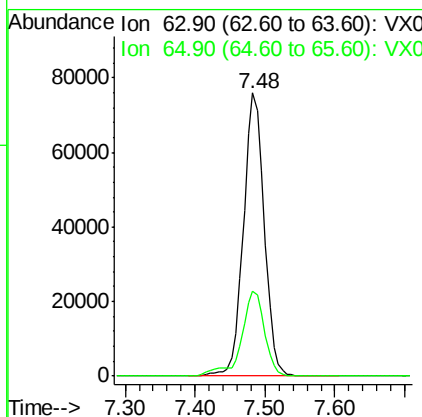
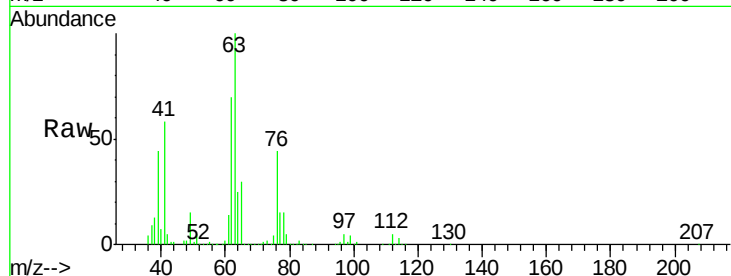
65 30.0 24.6 37.0

Manual Integrations

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#46

Dibromomethane

Concen: 51.319 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

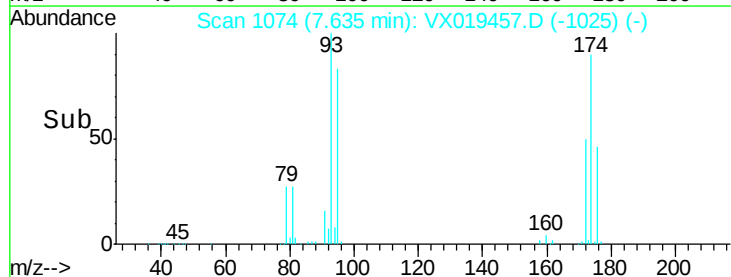
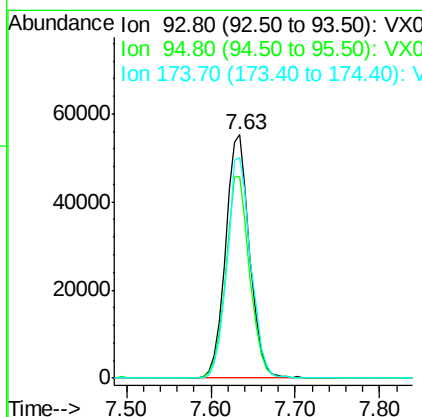
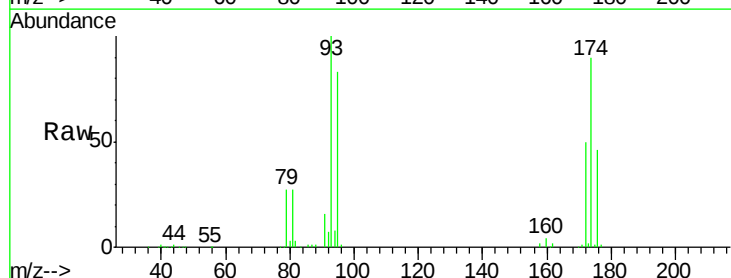
Tgt Ion: 93 Resp: 107318

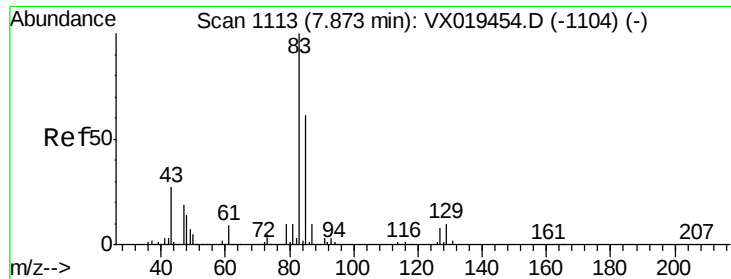
Ion Ratio Lower Upper

93 100

95 82.5 65.4 98.2

174 89.6 72.2 108.4





#47

Bromodichloromethane

Concen: 52.435 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

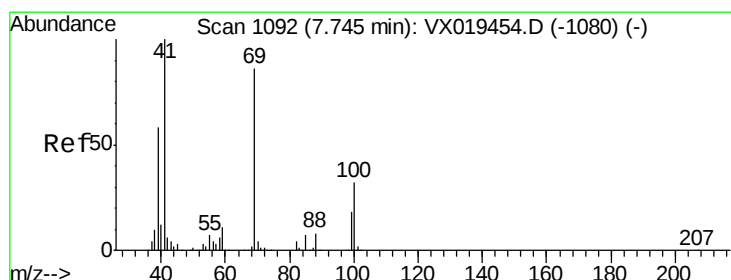
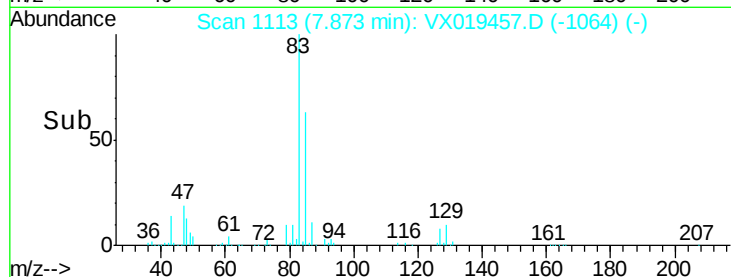
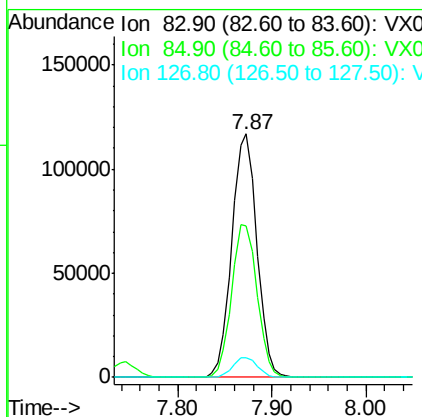
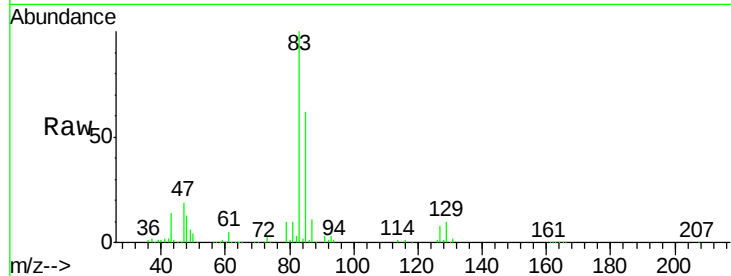
ClientSampleId :

ICVVX111920

Tot Ion:	83	Resp:	216916
Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.0	73.4
127	8.1	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.660 ug/l

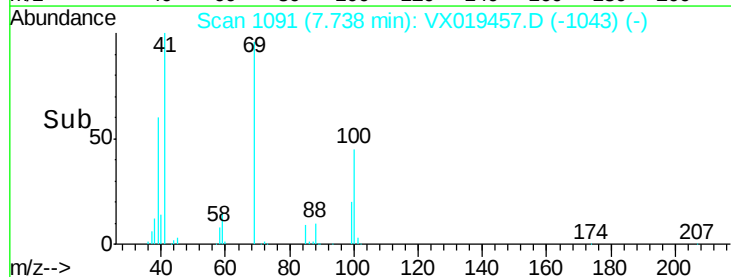
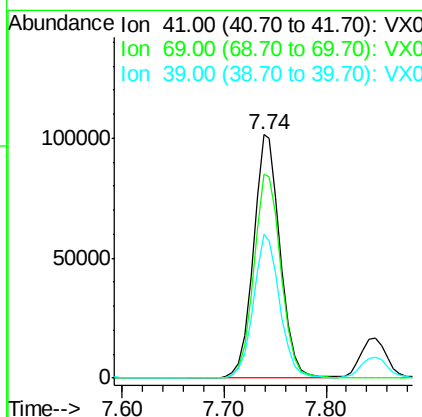
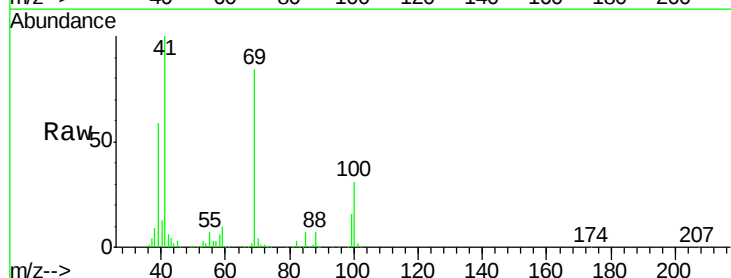
RT: 7.74 min Scan# 1091

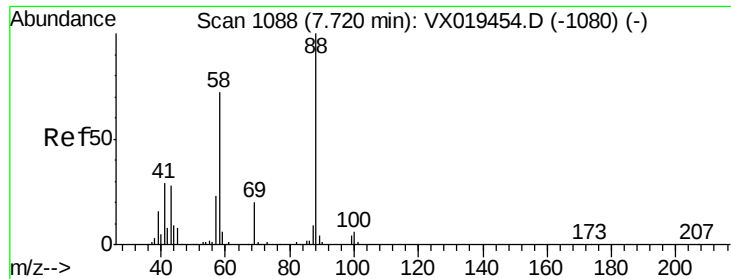
Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	41	Resp:	185525
Ion	Ratio	Lower	Upper
41	100		
69	85.3	68.4	102.6
39	57.9	46.6	70.0





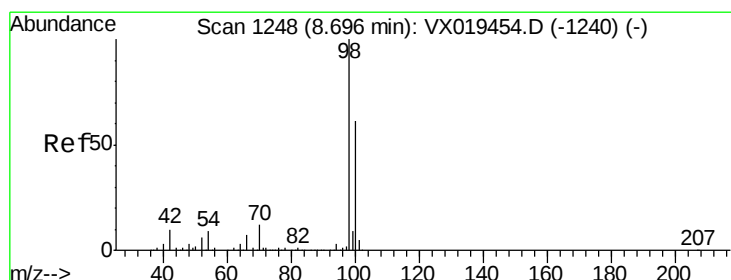
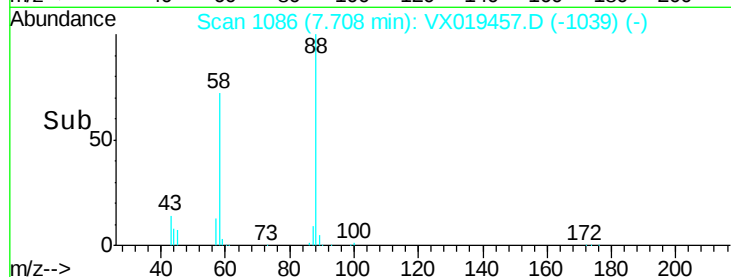
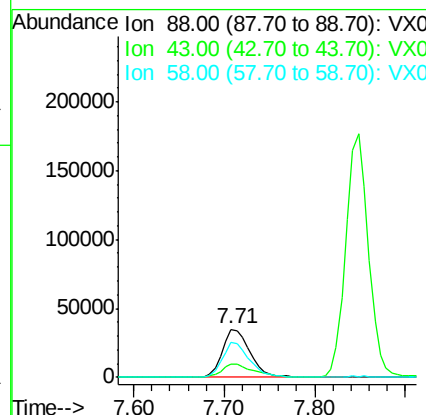
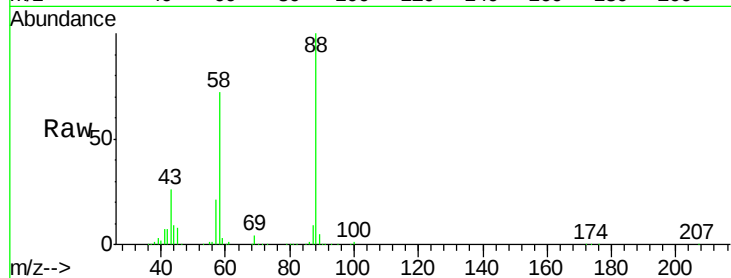
#49
1,4-Dioxane
Concen: 1104.064 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.9	38.9
58	72.3	56.6	84.8

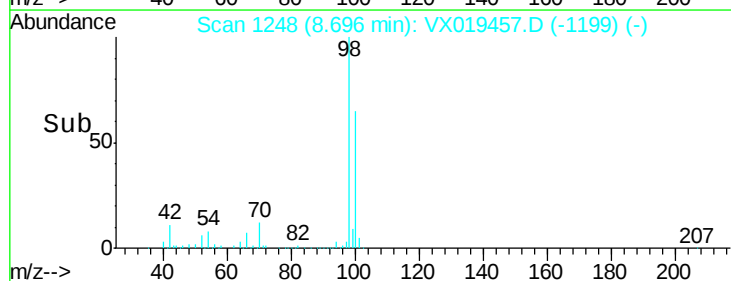
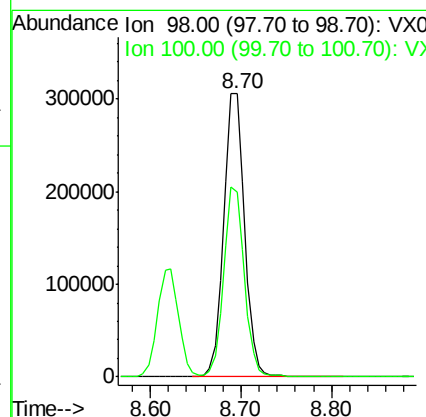
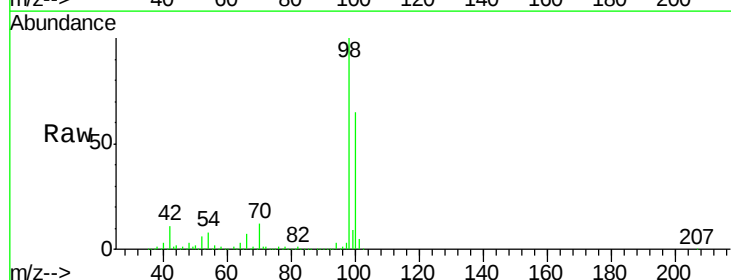
Manual Integrations
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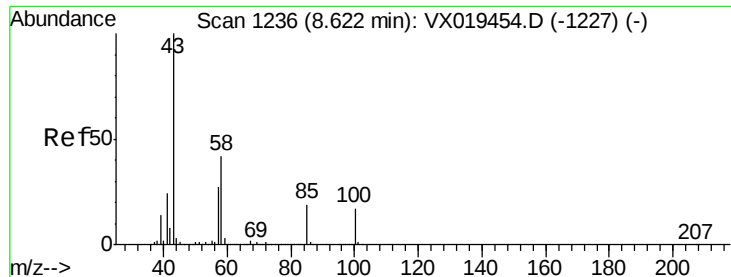
MMDadoda
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#50
Toluene-d8
Concen: 46.798 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	79.0





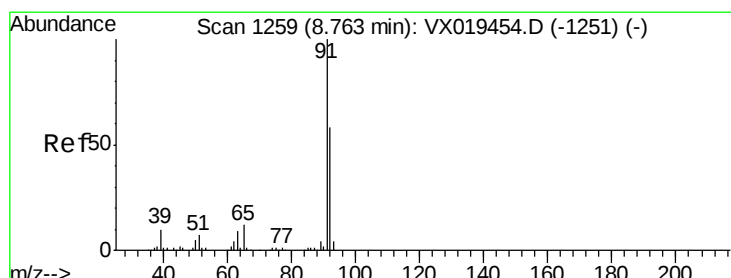
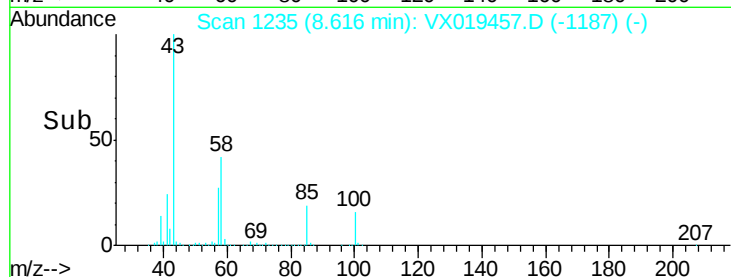
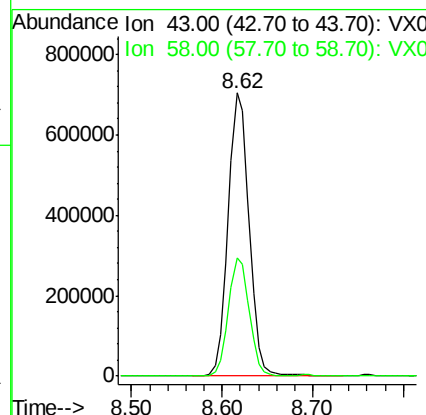
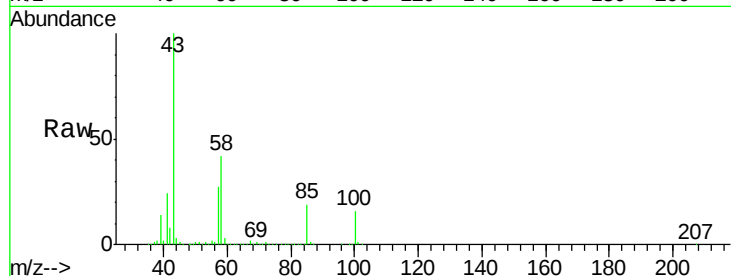
#51
4-Methyl-2-Pentanone
Concen: 271.978 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion: 43 Resp: 1134437
Ion Ratio Lower Upper
43 100
58 41.5 33.0 49.4

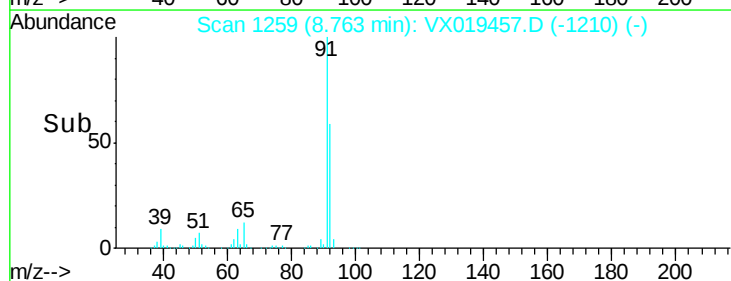
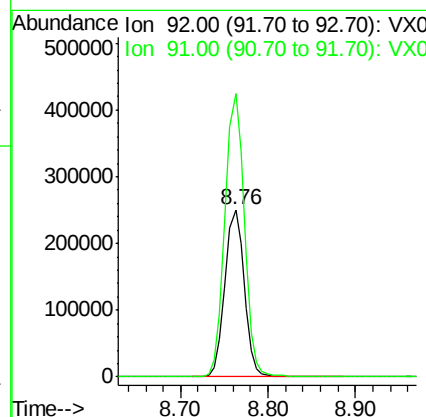
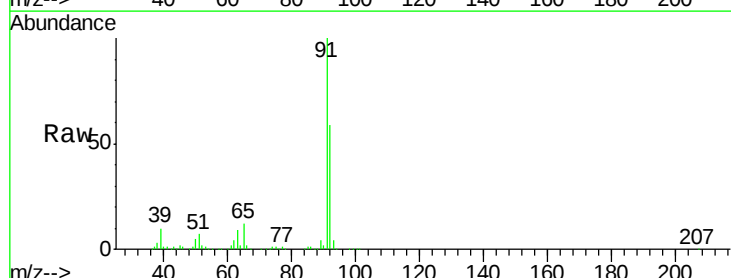
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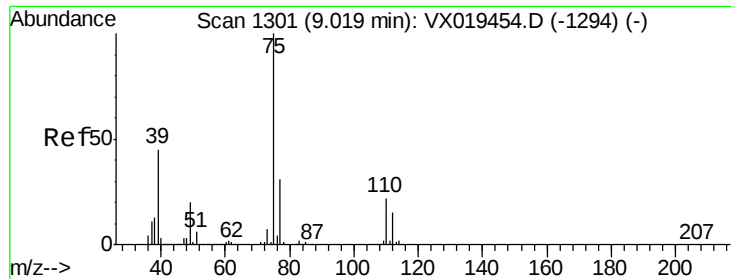
MMDadoda
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#52
Toluene
Concen: 51.468 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 92 Resp: 383609
Ion Ratio Lower Upper
92 100
91 170.1 136.3 204.5





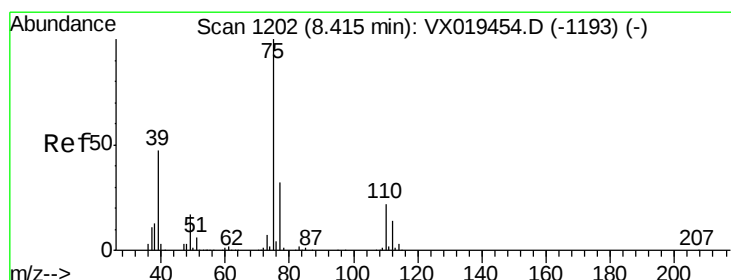
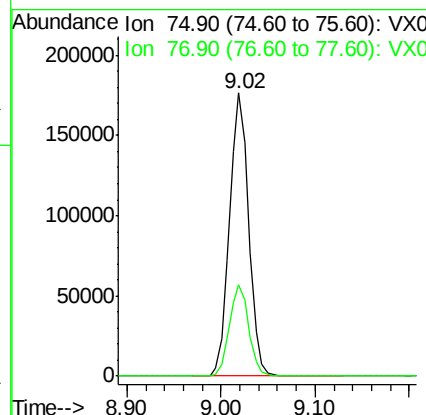
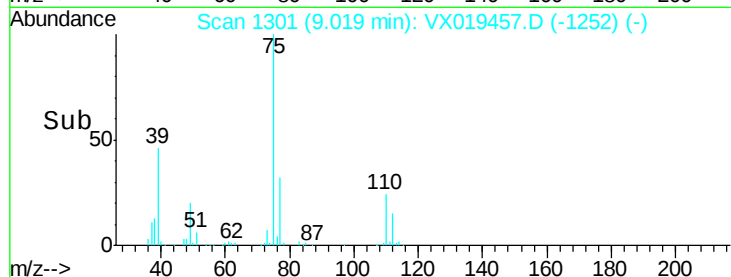
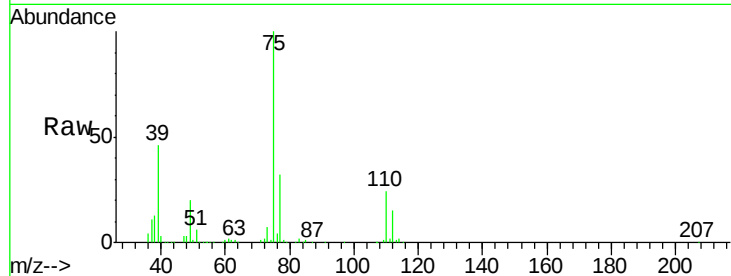
#53
t-1,3-Dichloropropene
Concen: 49.364 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion: 75 Resp: 249049
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6

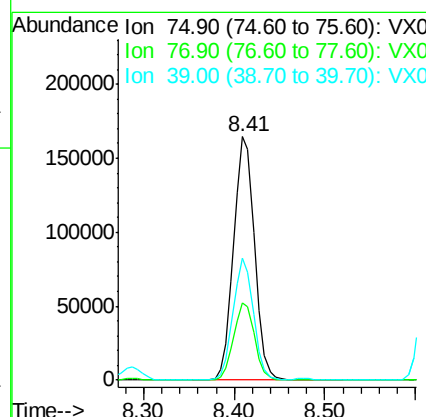
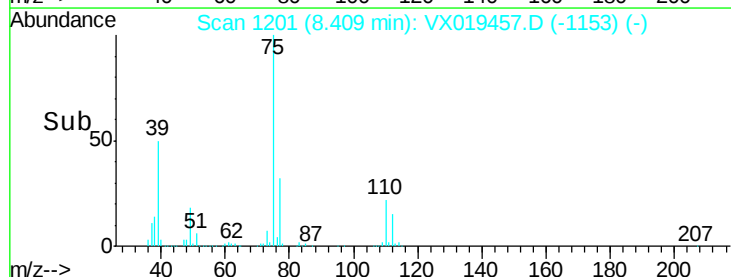
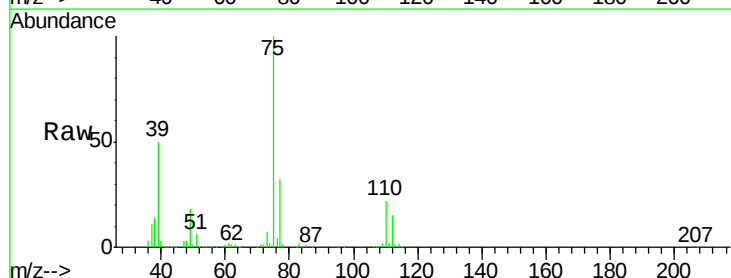
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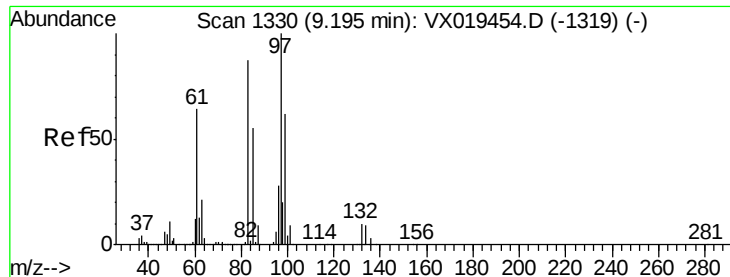
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#54
cis-1,3-Dichloropropene
Concen: 48.591 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 75 Resp: 263781
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
39 50.2 37.4 56.2





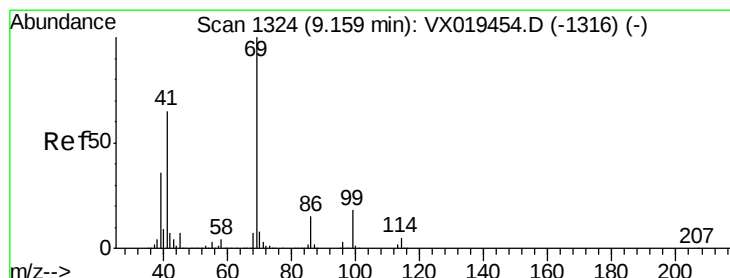
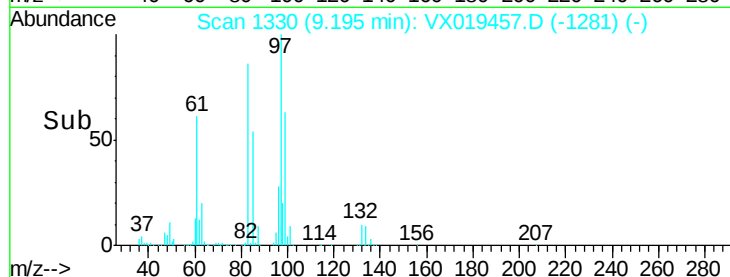
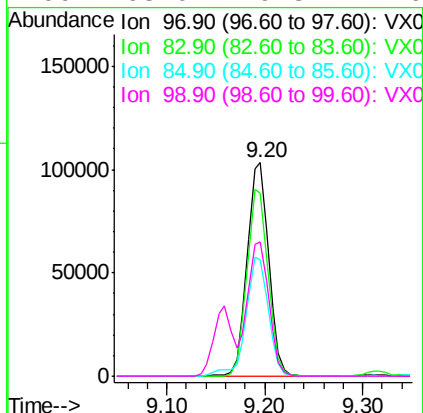
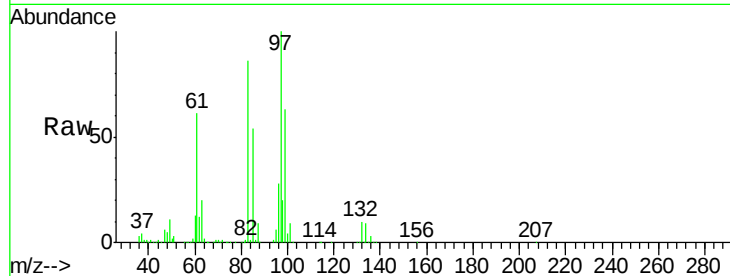
#55
 1,1,2-Trichloroethane
 Concen: 52.442 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion:	97	Resp:	158312
Ion	Ratio	Lower	Upper
97	100		
83	85.5	69.7	104.5
85	54.5	44.2	66.4
99	63.0	49.8	74.6

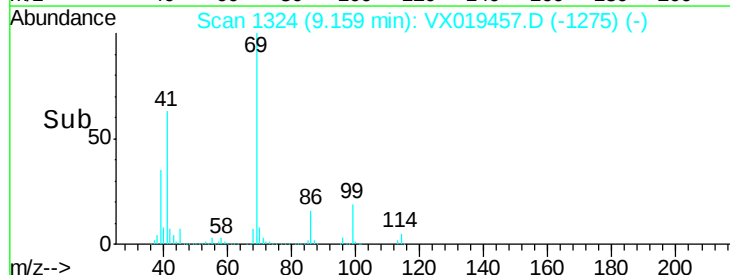
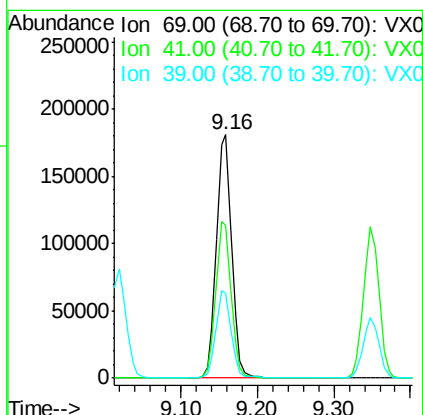
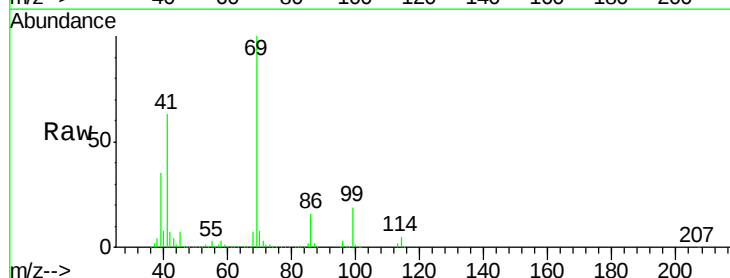
Manual Integrations
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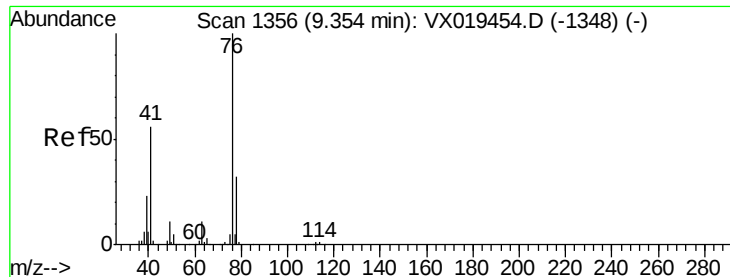
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#56
 Ethyl methacrylate
 Concen: 50.928 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion:	69	Resp:	251599
Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.1	78.1
39	35.7	29.5	44.3





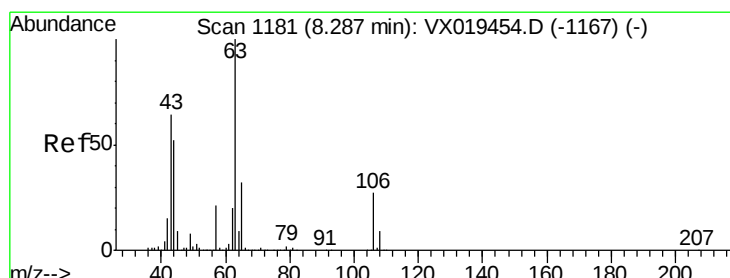
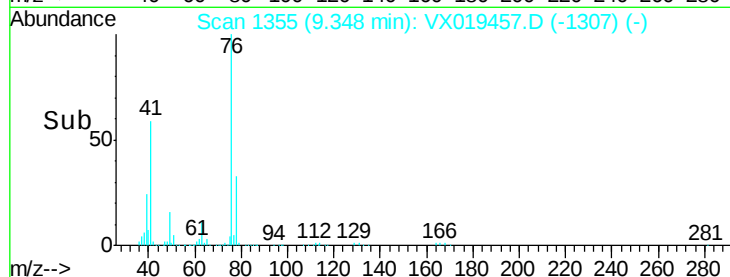
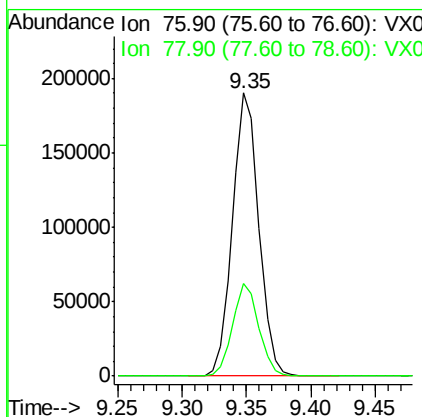
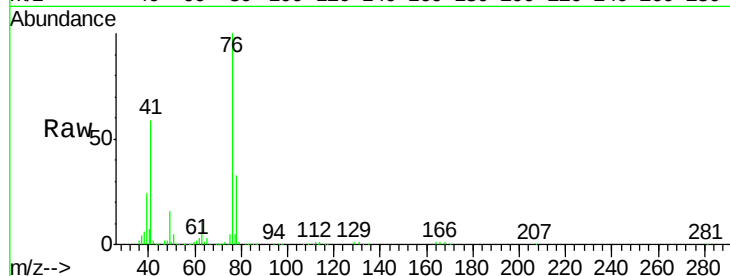
#57
 1,3-Dichloropropane
 Concen: 51.762 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion: 76 Resp: 271498
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.1 39.1

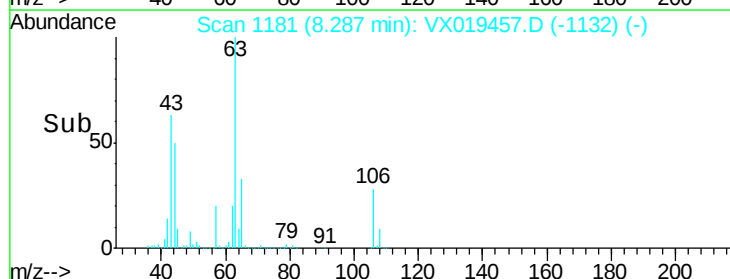
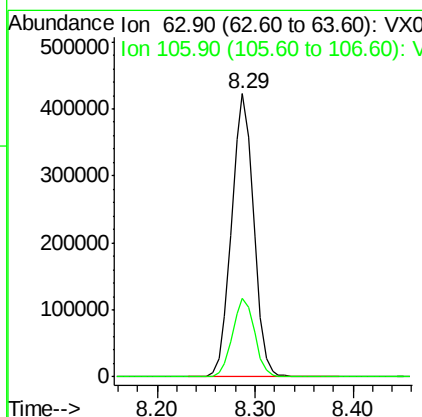
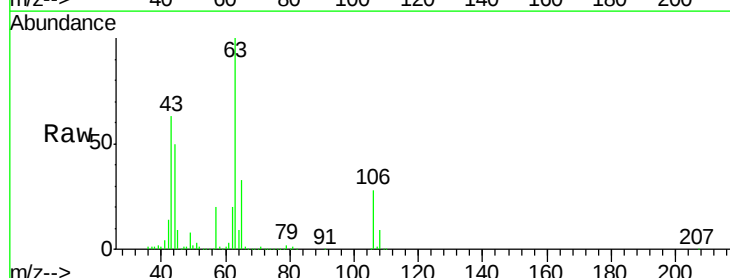
Manual Integrations
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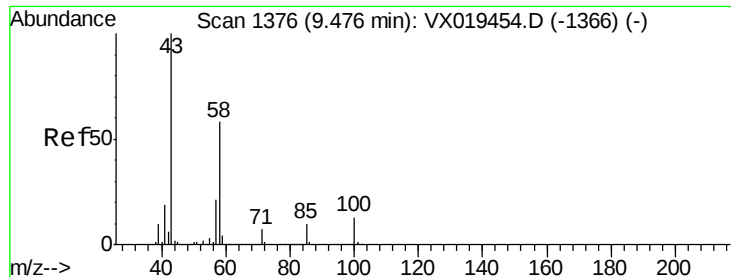
MMDadoda
 11/19/2020 11:58:33 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.582 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion: 63 Resp: 662016
 Ion Ratio Lower Upper
 63 100
 106 28.0 22.2 33.2





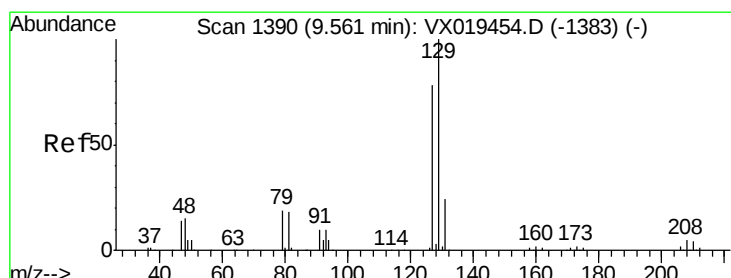
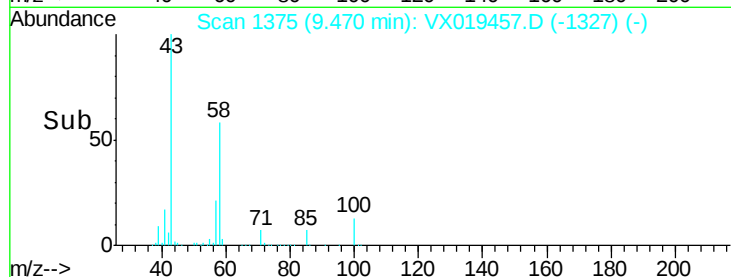
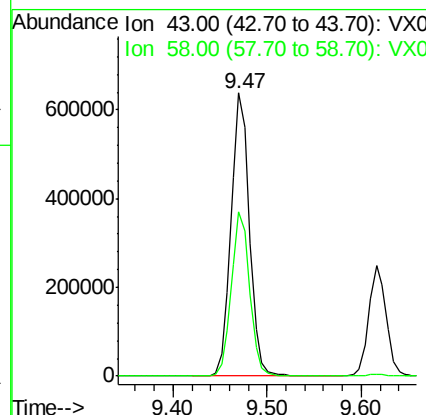
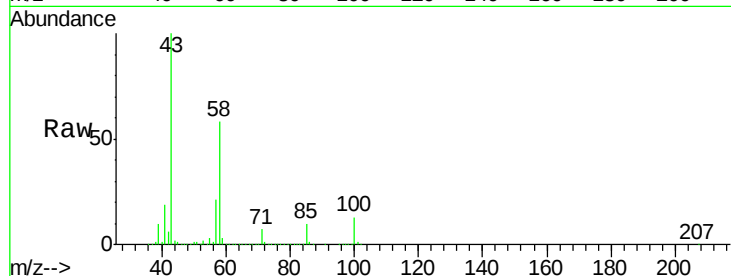
#59
2-Hexanone
Concen: 273.017 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	43	58	Ratio	Lower	Upper
43	100				
58		58.0		28.8	86.5

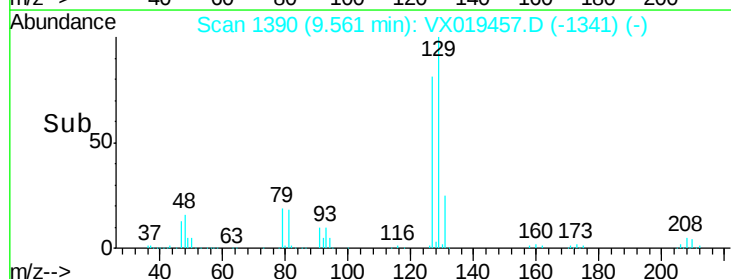
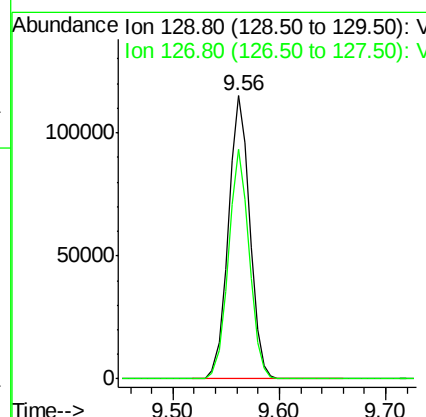
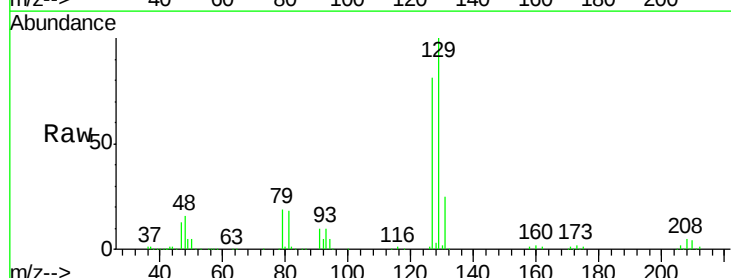
Manual Integrations
APPROVED

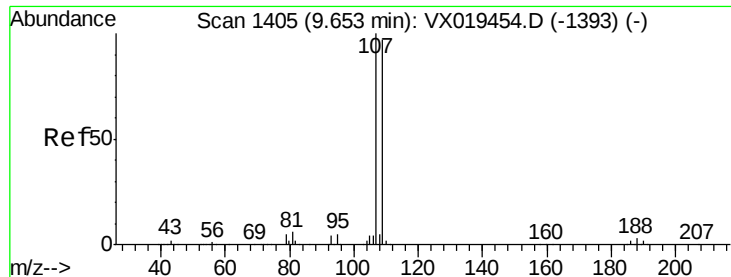
MMDadoda
11/19/2020 11:58:33 AM



#60
Dibromochloromethane
Concen: 49.391 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	129	127	Ratio	Lower	Upper
129	100				
127		78.6		38.8	116.4





#61

1,2-Dibromoethane

Concen: 52.968 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 107 Resp: 165747

Ion Ratio Lower Upper

107 100

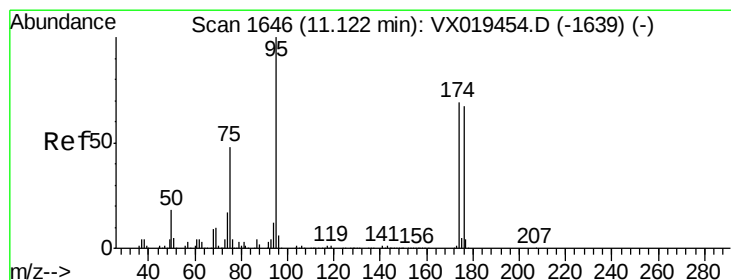
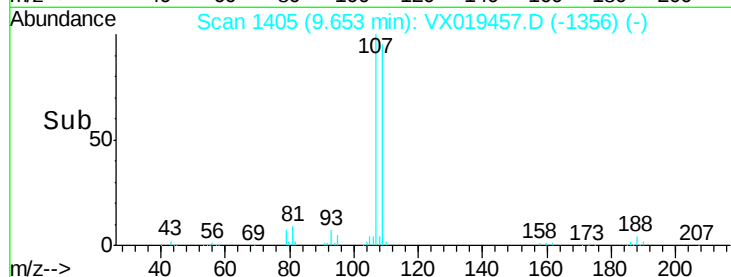
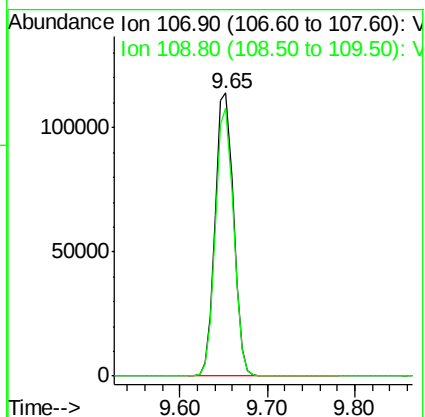
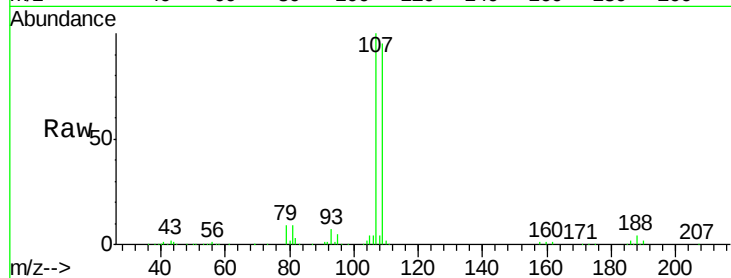
109 93.5 75.5 113.3

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 49.134 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

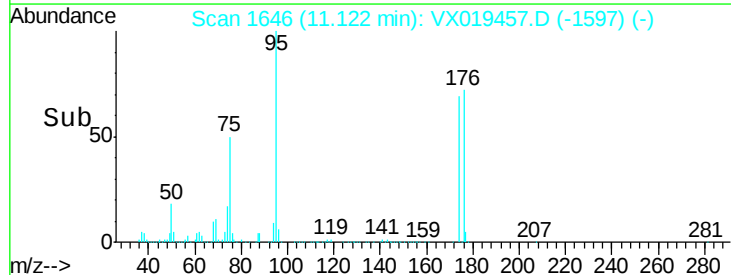
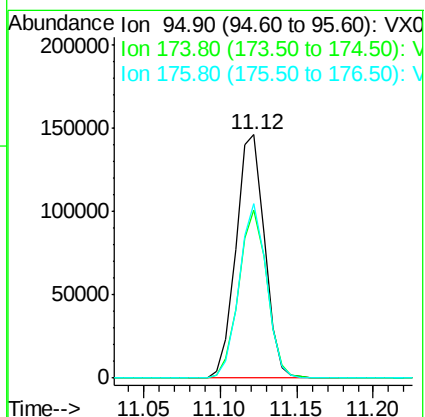
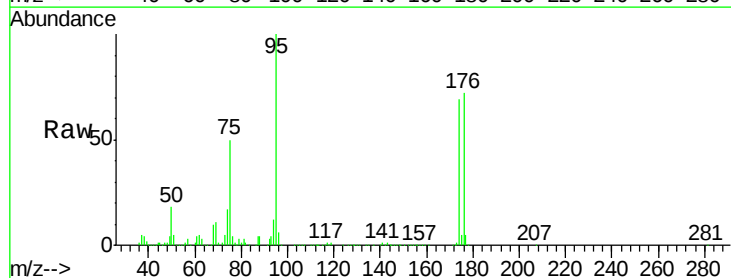
Tgt Ion: 95 Resp: 189757

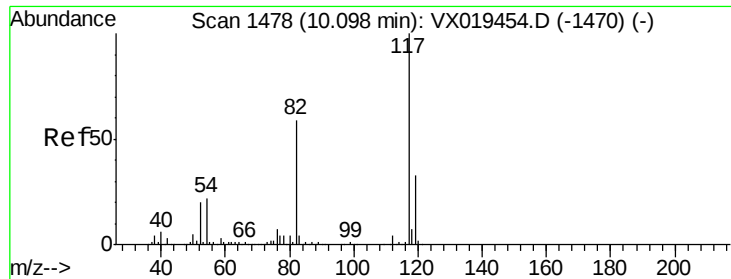
Ion Ratio Lower Upper

95 100

174 68.2 0.0 141.4

176 68.7 0.0 137.6





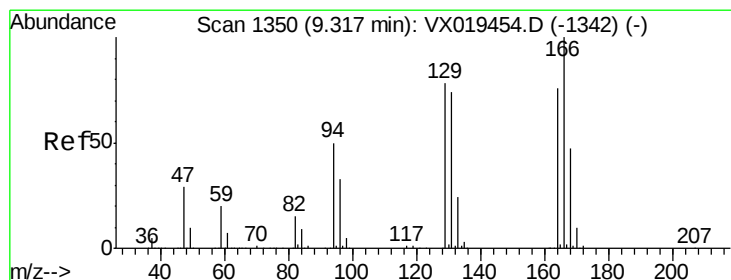
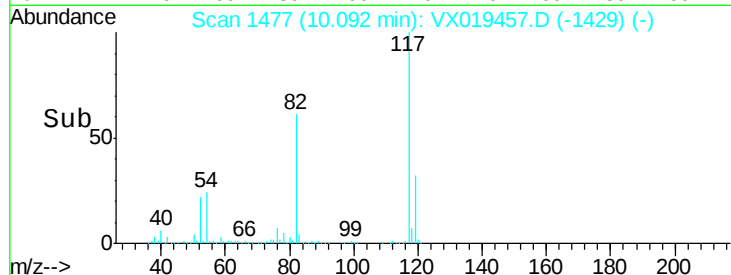
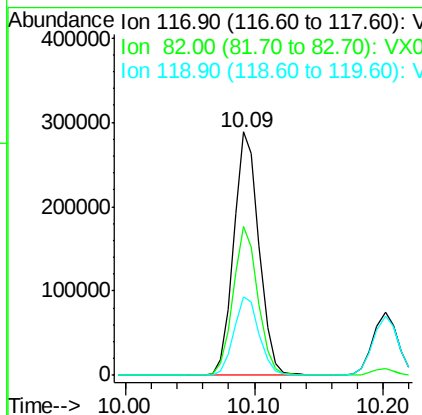
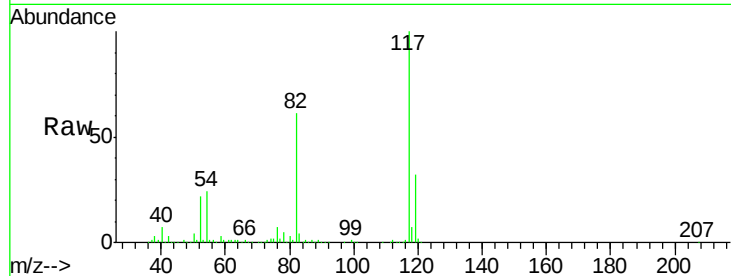
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
117	100	394119		
82	61.3	47.4	71.2	
119	32.3	26.3	39.5	

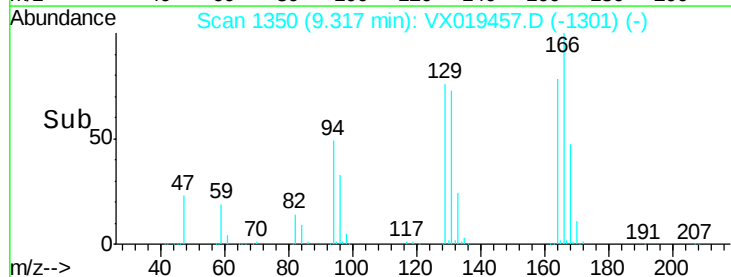
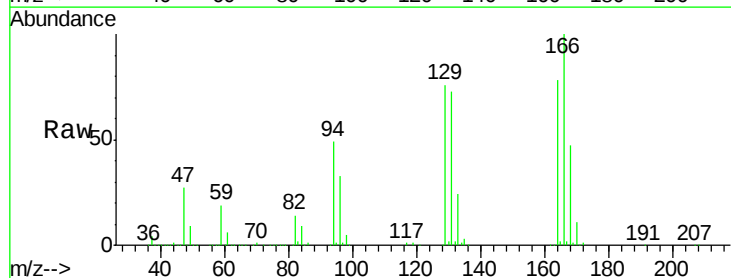
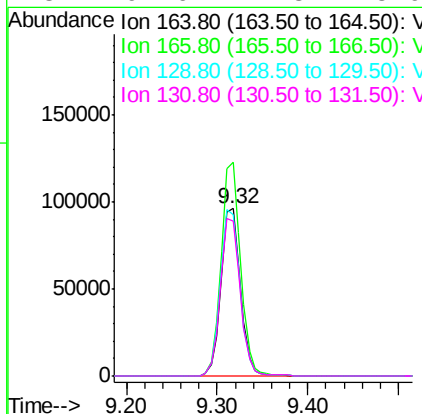
Manual Integrations
APPROVED

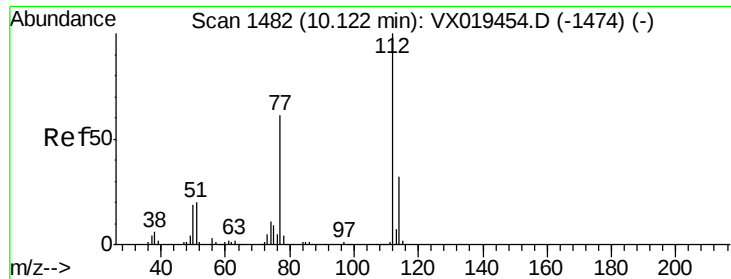
MMDadoda
11/19/2020 11:58:33 AM



#64
Tetrachloroethene
Concen: 46.899 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144451		
166	127.5	104.6	157.0	
129	96.4	81.4	122.2	
131	92.6	77.3	115.9	





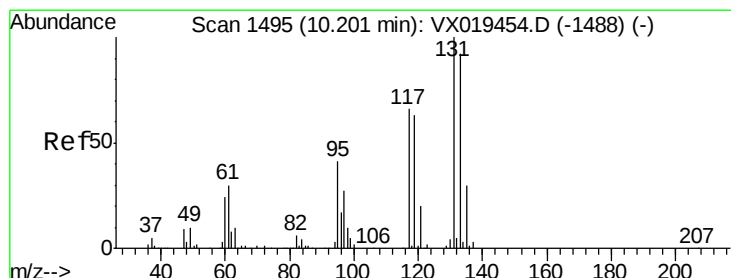
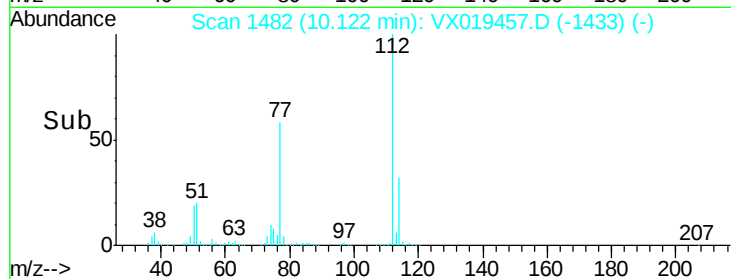
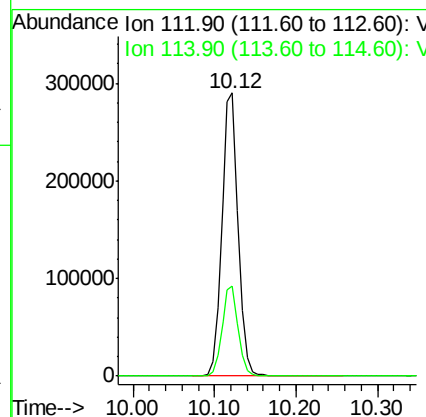
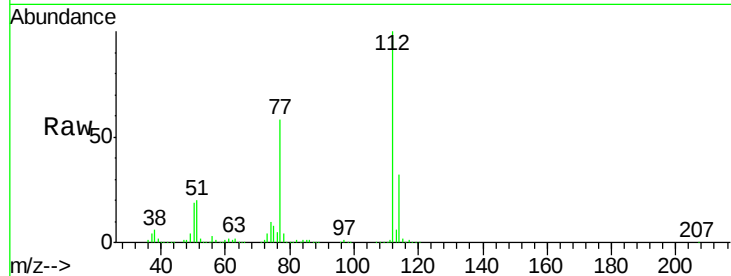
#65
Chlorobenzene
Concen: 50.214 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
112	100	405518		
114	32.0	25.5	38.3	

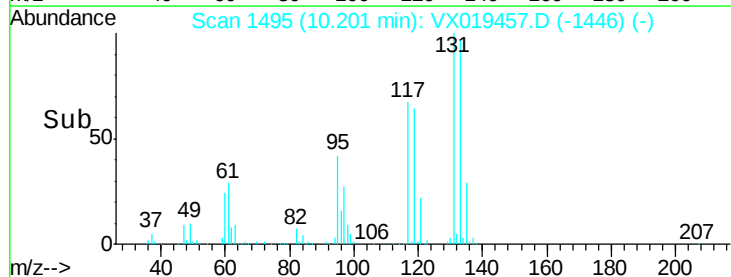
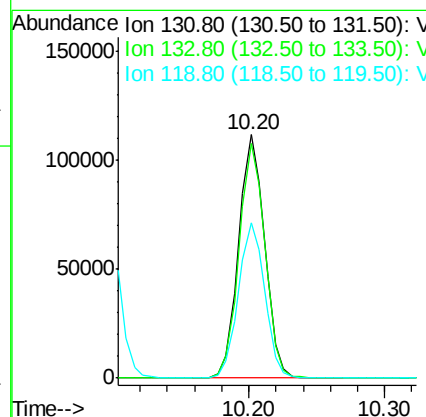
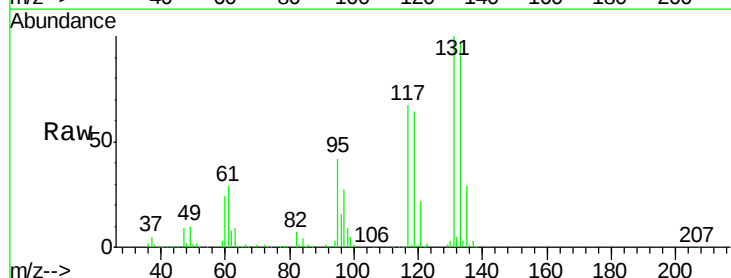
Manual Integrations
APPROVED

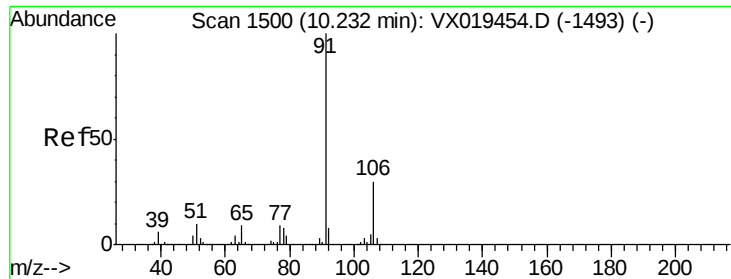
MMDadoda
11/19/2020 11:58:33 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.093 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	148384		
133	96.2	46.2	138.5	
119	64.8	32.1	96.3	





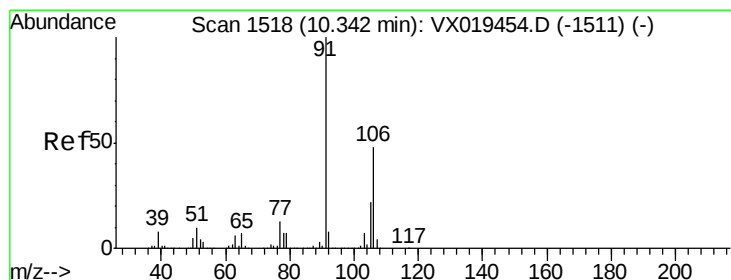
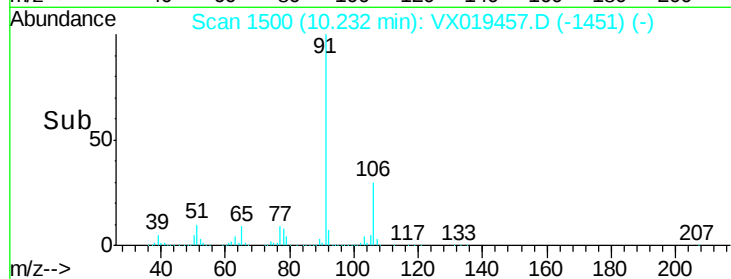
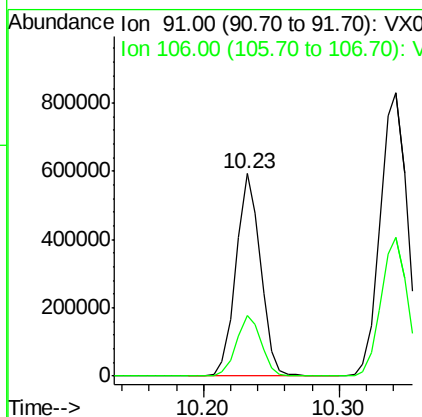
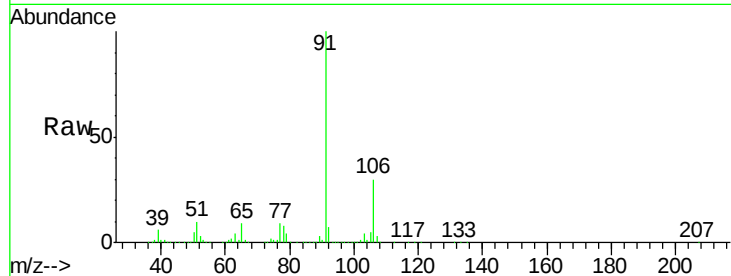
#67
Ethyl Benzene
Concen: 51.105 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.3	23.8	35.6

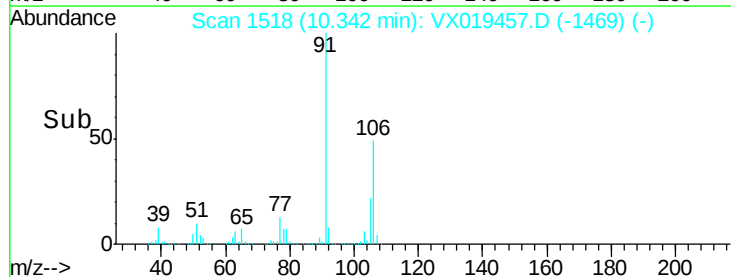
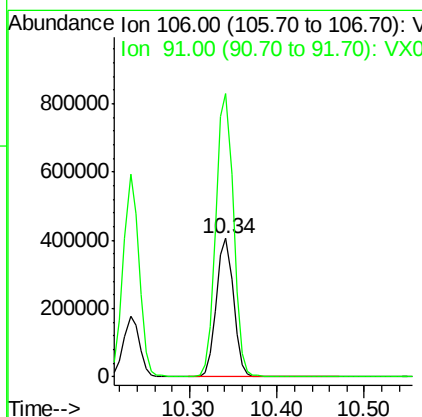
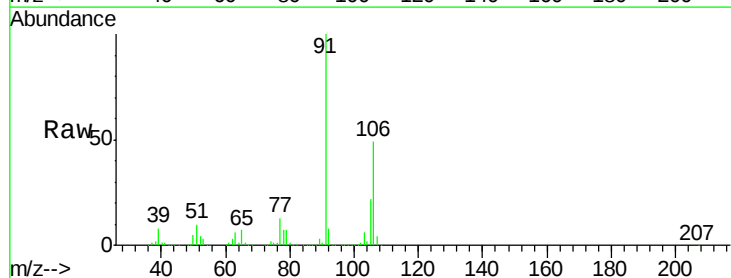
Manual Integrations
APPROVED

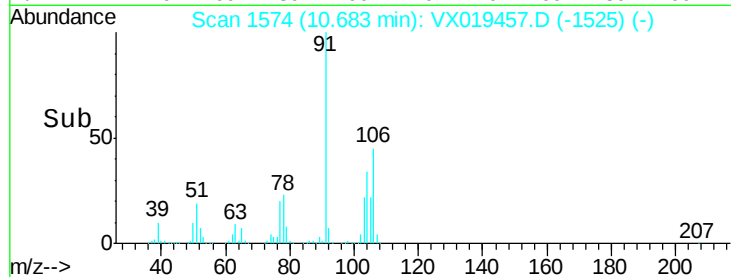
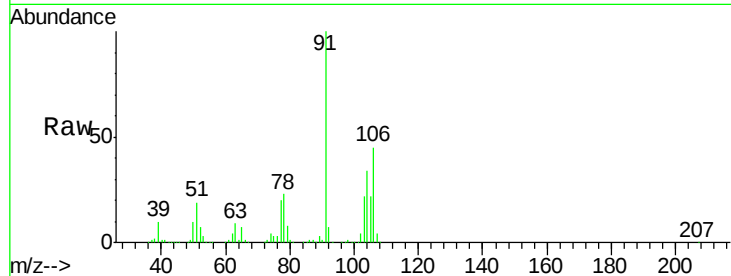
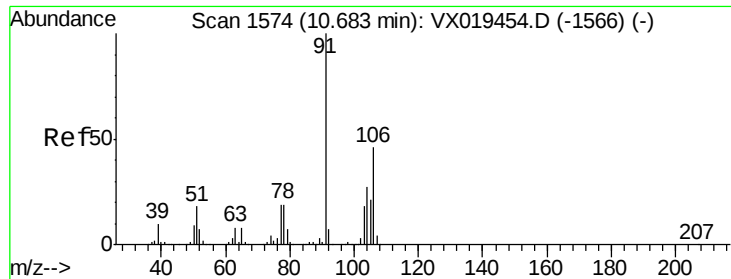
MMDadoda
11/19/2020 11:58:33 AM



#68
m/p-Xylenes
Concen: 103.581 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
106	100		
91	209.0	167.2	250.8





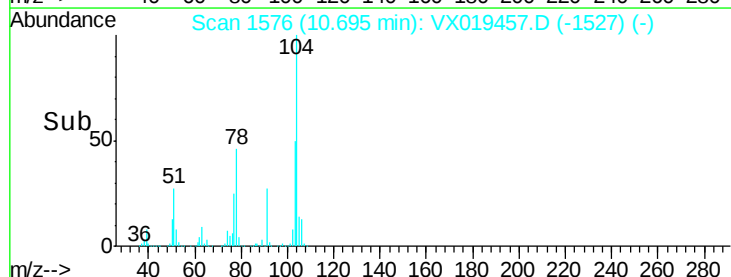
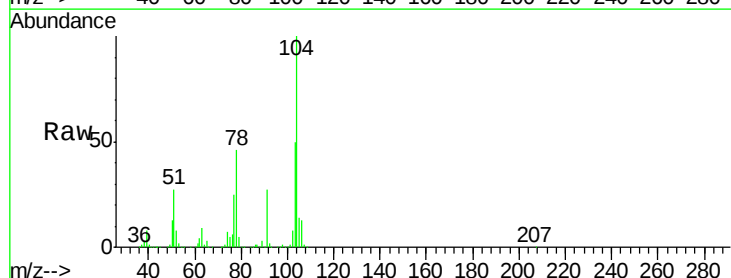
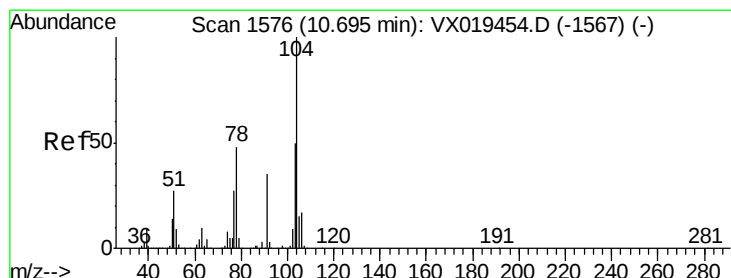
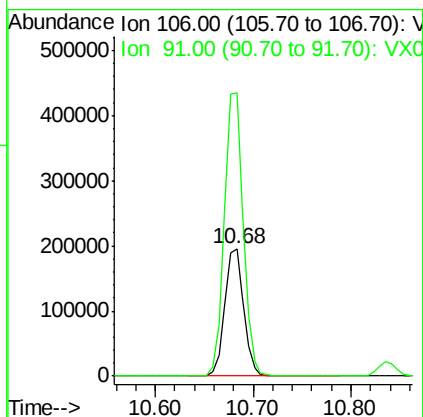
#69
o-Xylene
Concen: 51.727 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tot Ion	Ratio	Resp	Lower	Upper
106	100	262437		
91	223.4	109.6	328.6	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

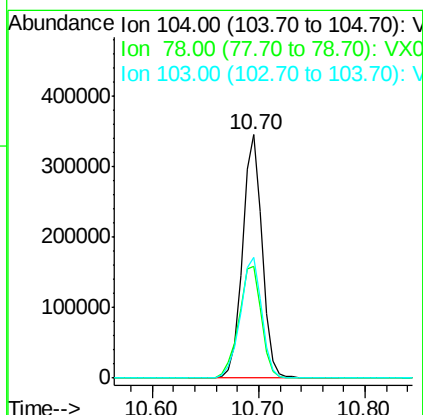
Manual Integrations
APPROVED

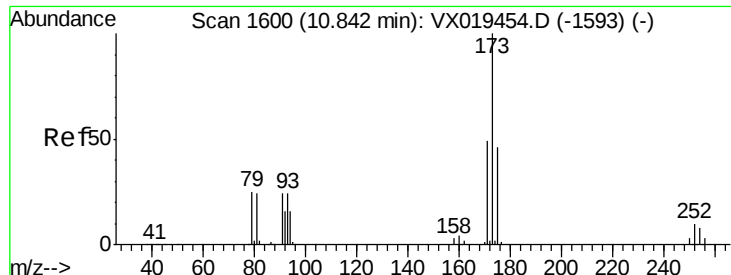
MMDadoda
11/19/2020 11:58:33 AM



#70
Styrene
Concen: 46.331 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	445815		
78	53.2	42.7	64.1	
103	54.8	43.2	64.8	





#71

Bromoform

Concen: 46.833 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion:173 Resp: 111499

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.7

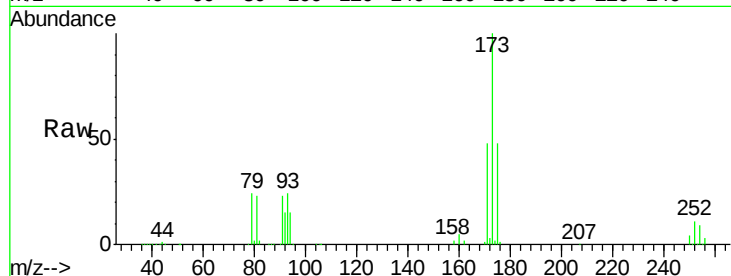
254 0.1 0.1 0.1

Manual Integrations

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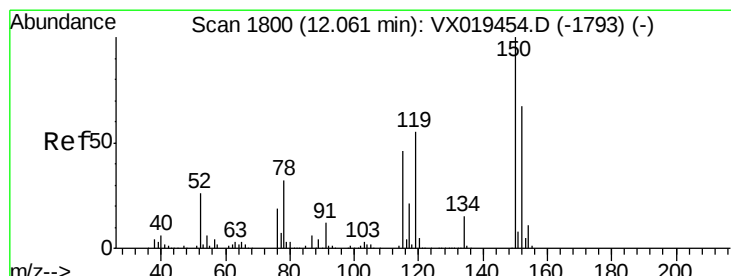
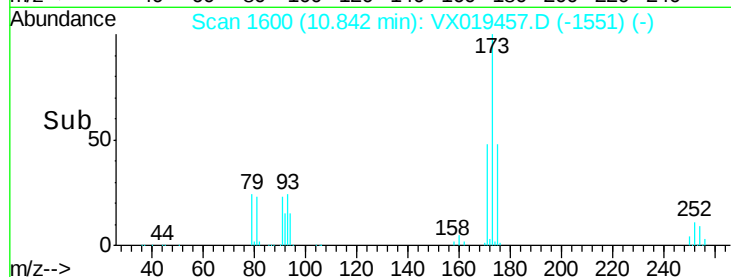
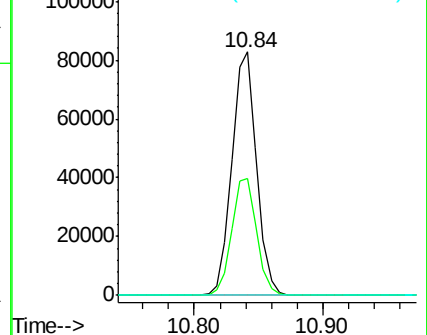
11/19/2020 11:58:33 AM



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: VX019457.D

Acq: 18 Nov 2020 17:33

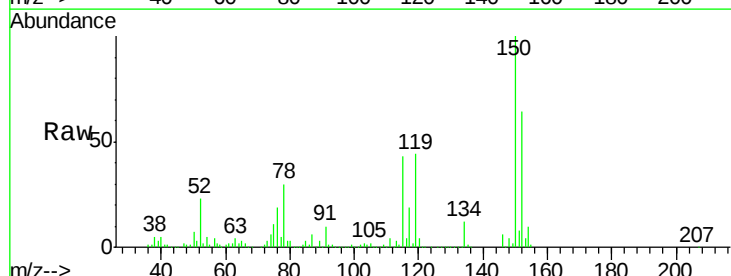
Tgt Ion:152 Resp: 184380

Ion Ratio Lower Upper

152 100

115 90.5 44.9 134.7

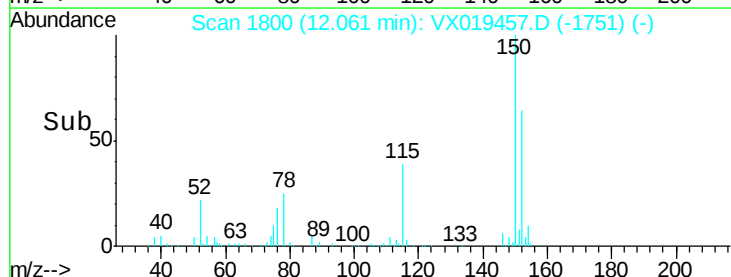
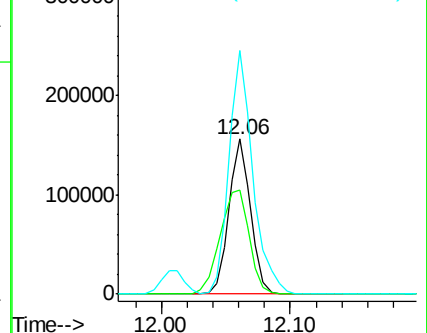
150 174.4 0.0 344.4

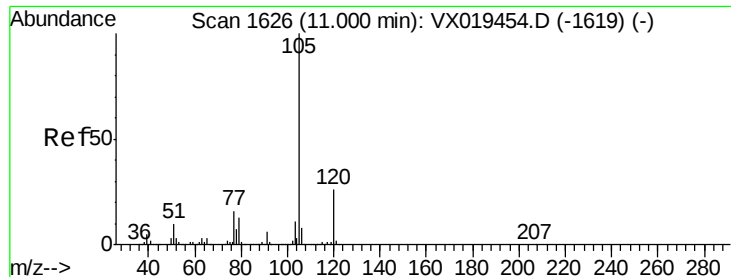


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.431 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111920

Tot Ion: 105 Resp: 712250

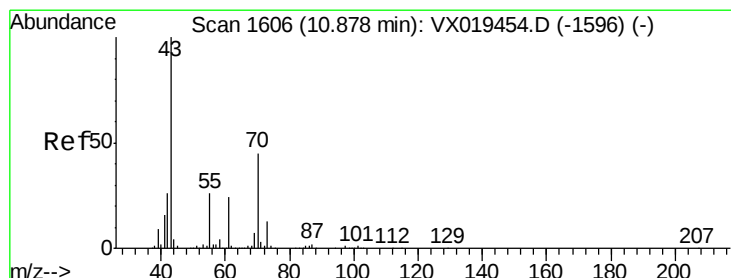
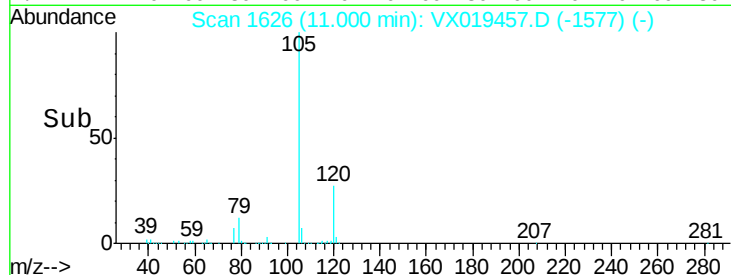
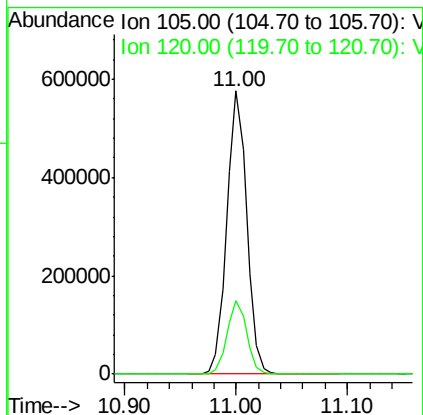
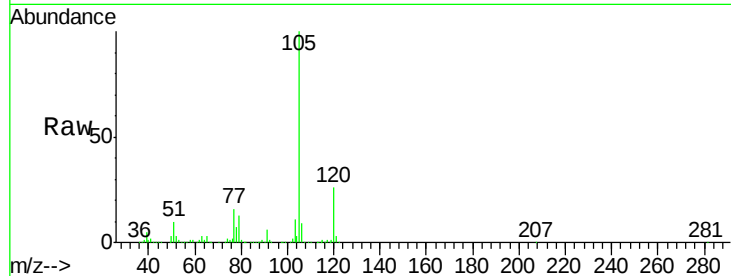
Ion Ratio Lower Upper

105 100

120 25.6 12.9 38.7

Manual Integrations
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11/19/2020 11:58:33 AM



#74

N-ethyl acetate

Concen: 55.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion: 43 Resp: 310320

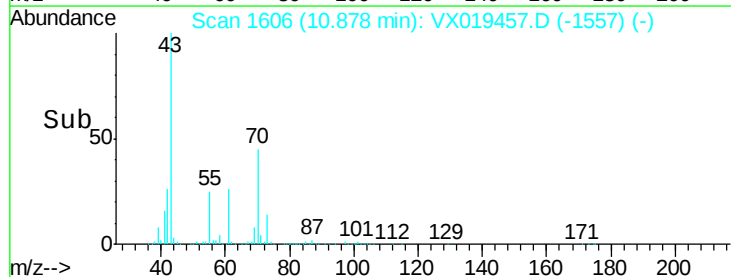
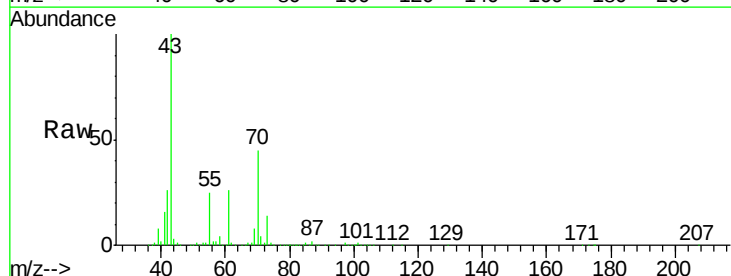
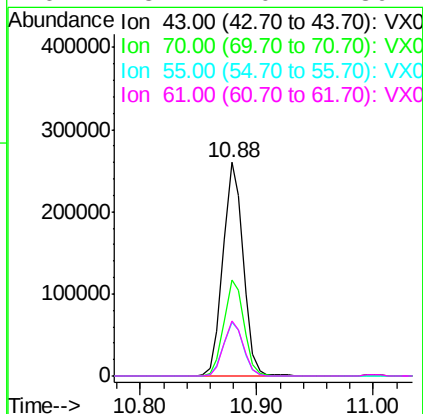
Ion Ratio Lower Upper

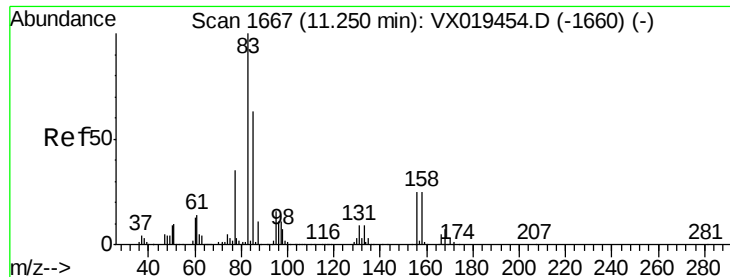
43 100

70 45.3 36.8 55.2

55 25.4 21.0 31.4

61 25.4 20.2 30.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.225 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

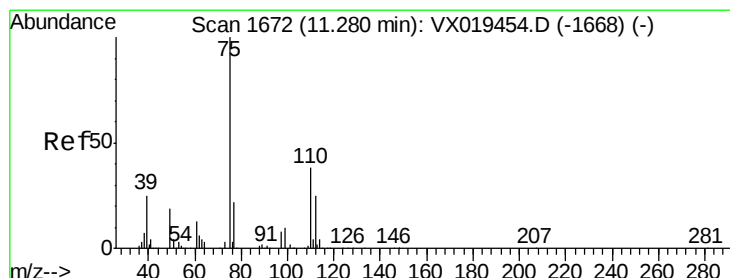
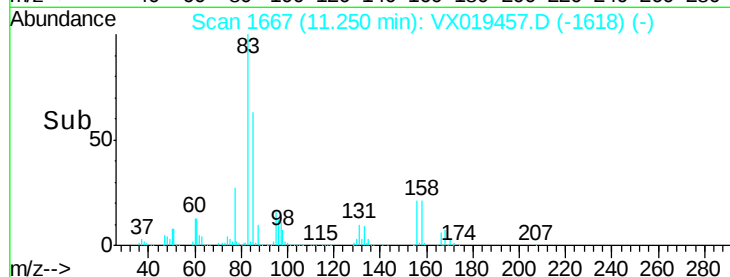
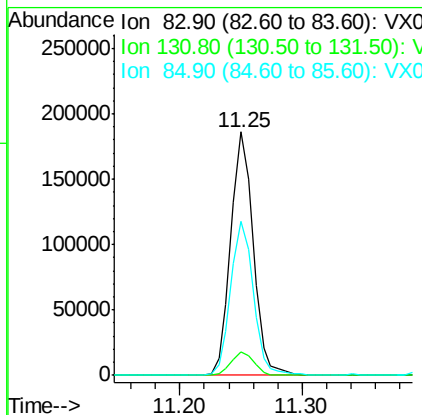
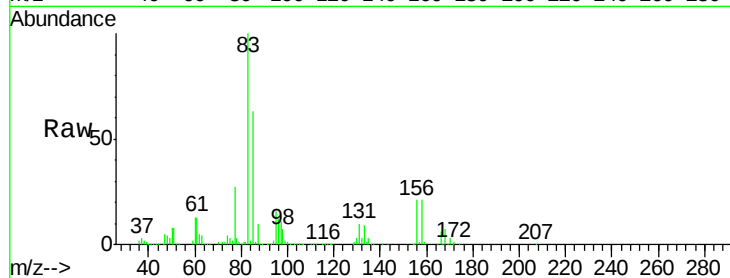
ClientSampleId :

ICVVX111920

Tot Ion:	83	Resp:	235643
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.6	13.8
85	64.1	31.9	95.5

Manual Integrations
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11/19/2020 11:58:33 AM



#76

1,2,3-Trichloropropane

Concen: 52.945 ug/l m

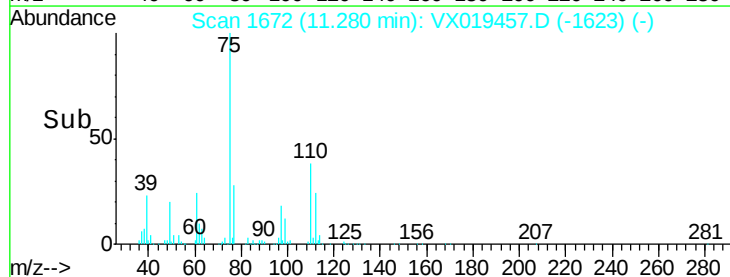
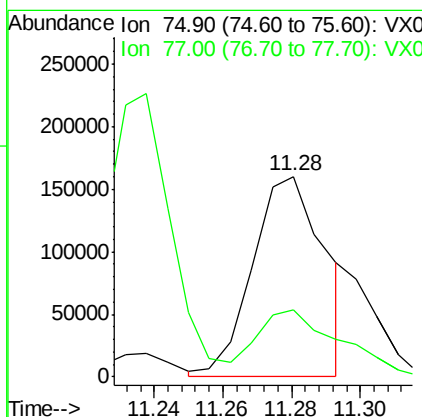
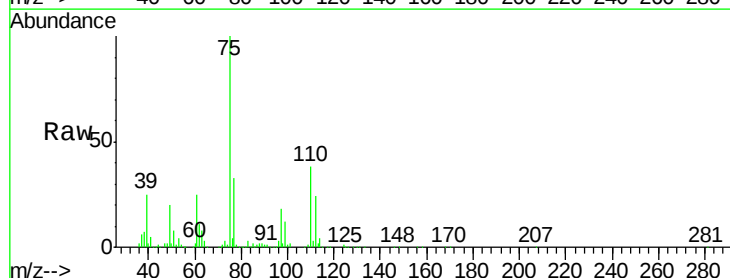
RT: 11.28 min Scan# 1672

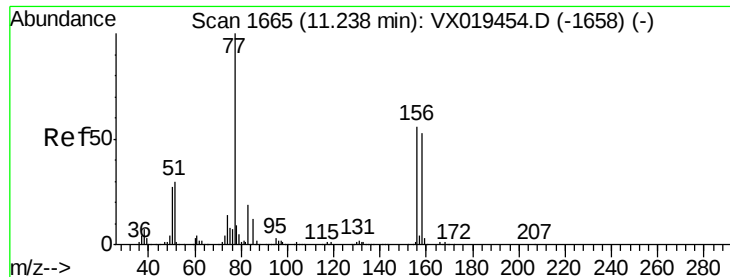
Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	75	Resp:	232740
Ion Ratio	Lower	Upper	
75	100		
77	38.6	20.0	59.9





#77

Bromobenzene

Concen: 52.267 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

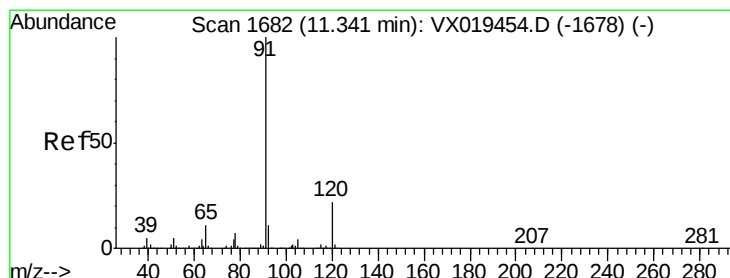
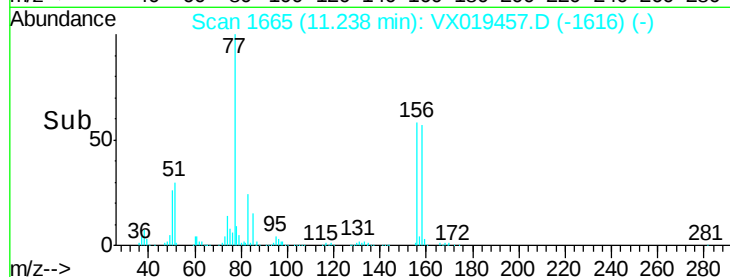
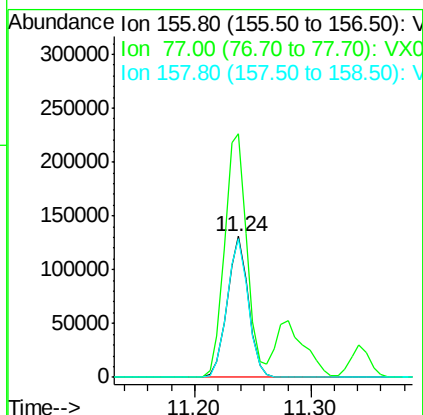
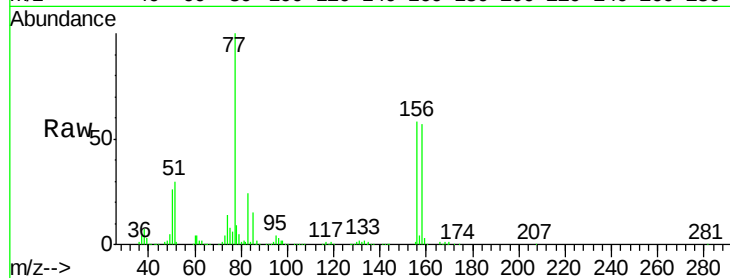
ClientSampleId :

ICVVX111920

Tot Ion	Ratio	Lower	Upper
156	100		
77	183.0	91.3	274.1
158	98.6	48.3	144.9

Manual Integrations
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11/19/2020 11:58:33 AM



#78

n-propylbenzene

Concen: 53.964 ug/l

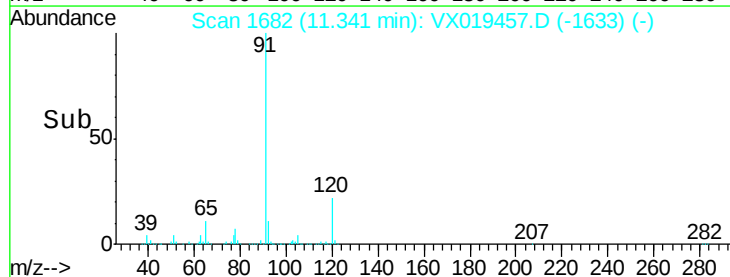
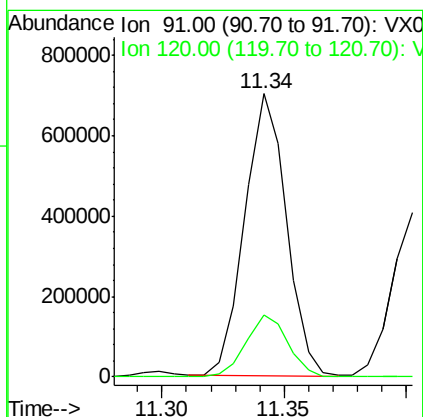
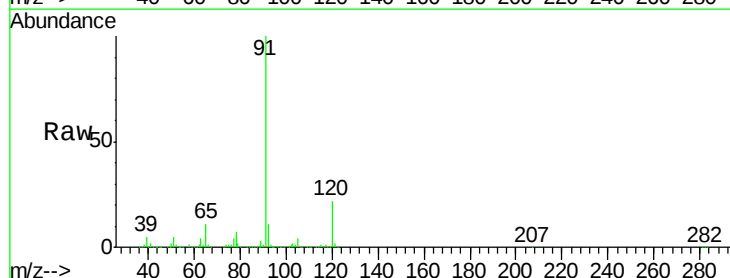
RT: 11.34 min Scan# 1682

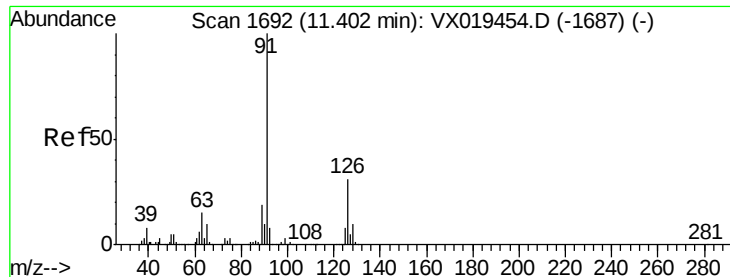
Delta R.T. -0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.1	33.3





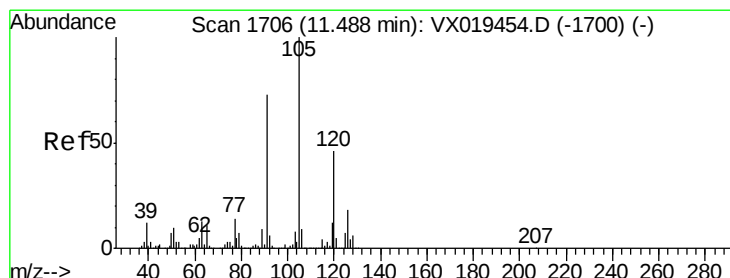
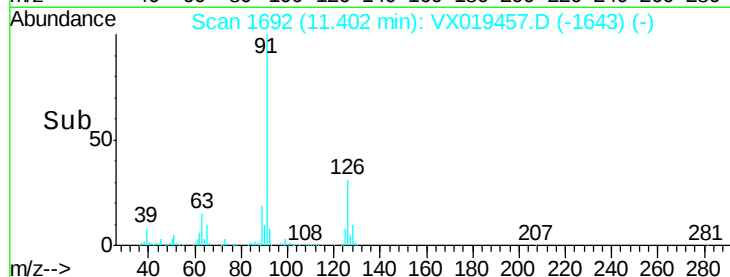
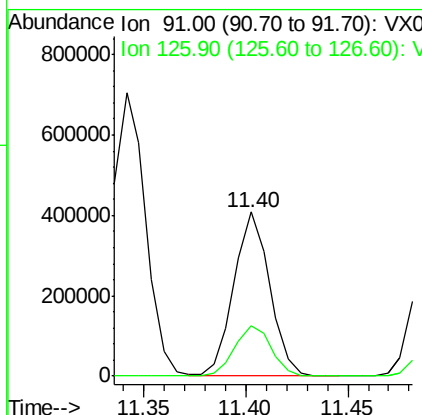
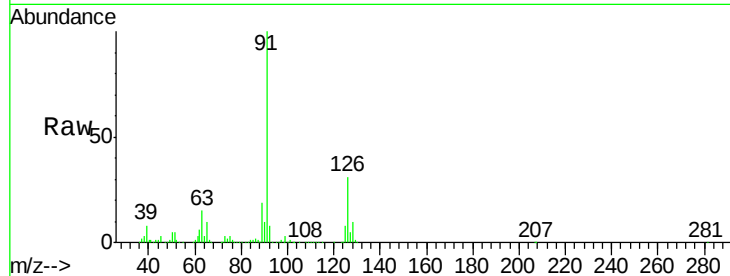
#79
2-Chlorotoluene
Concen: 52.865 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion: 91 Resp: 494281
Ion Ratio Lower Upper
91 100
126 31.8 15.6 46.8

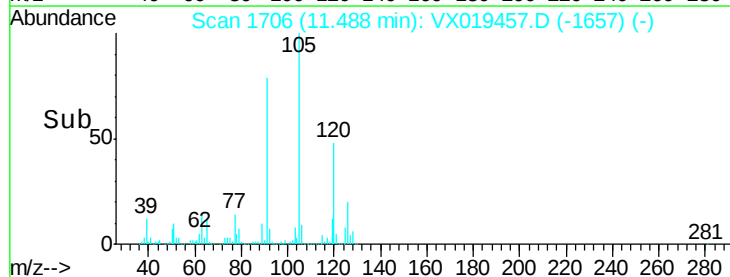
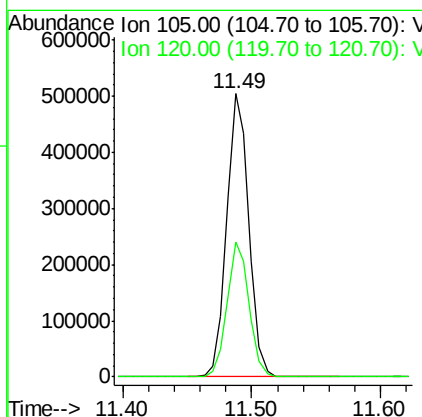
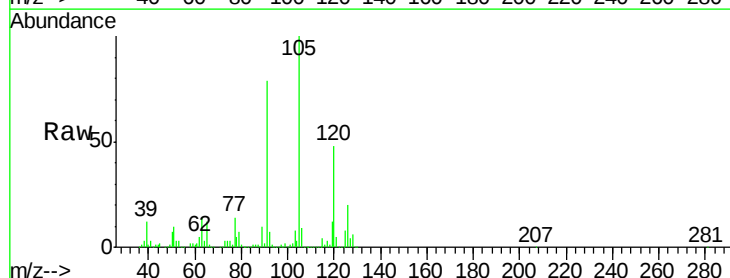
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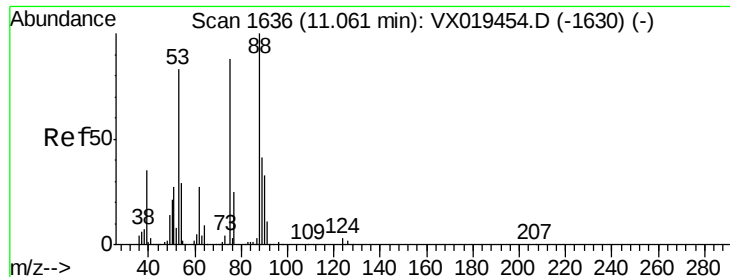
MMDadoda
11/19/2020 11:58:33 AM



#80
1,3,5-Trimethylbenzene
Concen: 53.604 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion: 105 Resp: 608059
Ion Ratio Lower Upper
105 100
120 47.2 23.6 70.8





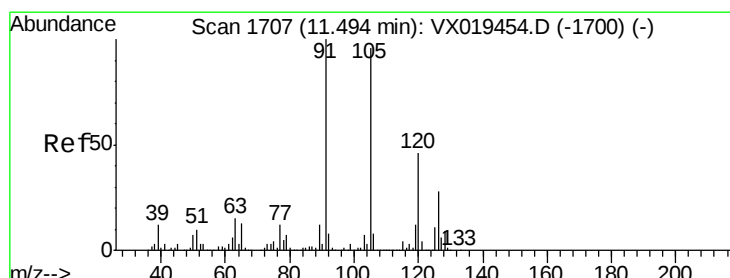
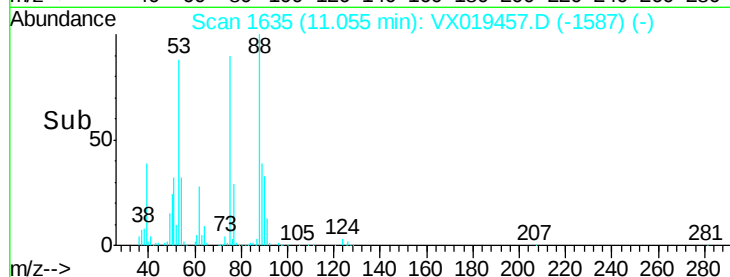
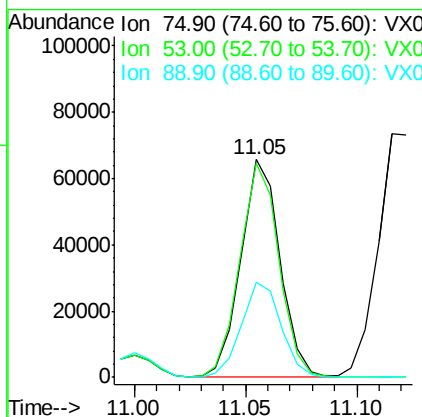
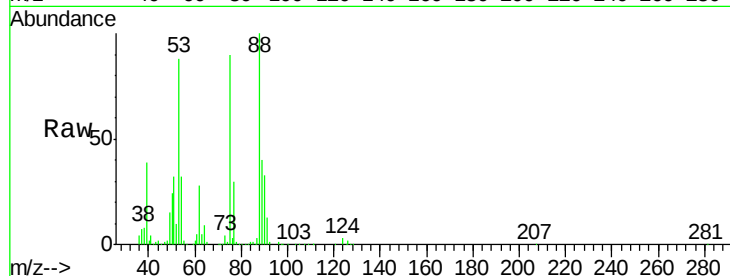
#81
trans-1,4-Dichloro-2-butene
Concen: 49.435 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.5	81.0	121.6
89	45.2	37.0	55.4

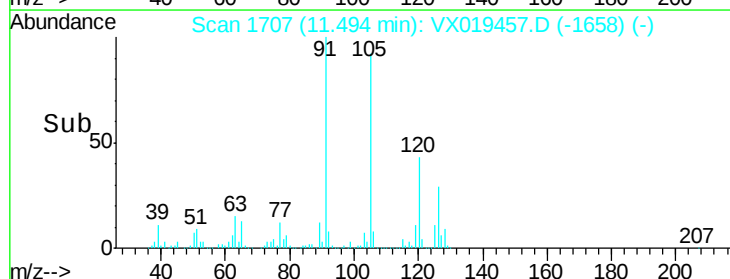
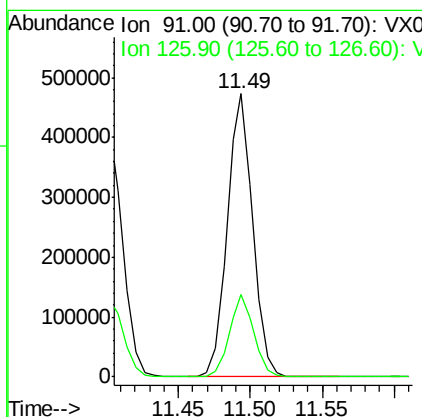
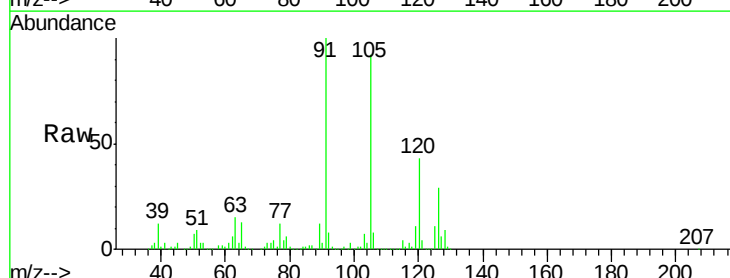
Manual Integrations
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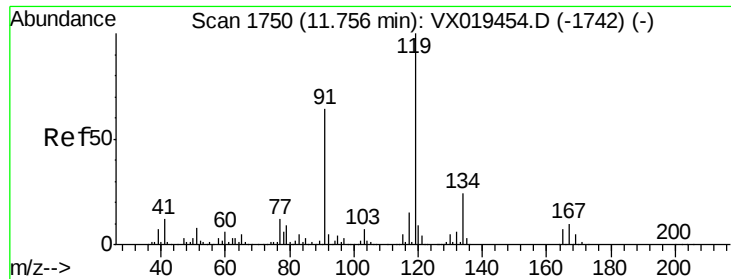
MMDadoda
11/19/2020 11:58:33 AM



#82
4-Chlorotoluene
Concen: 52.506 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.1	42.2





#83

tert-Butylbenzene

Concen: 53.999 ug/l

RT: 11.75 min Scan# 1749

Delta R.T. -0.01 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

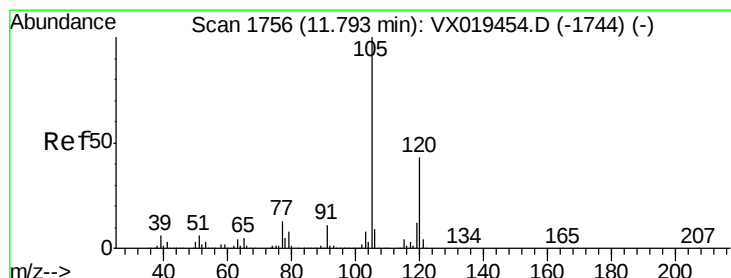
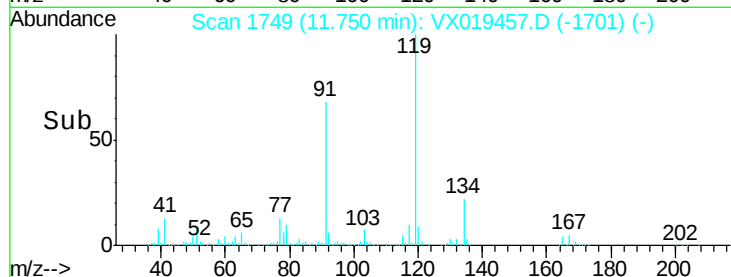
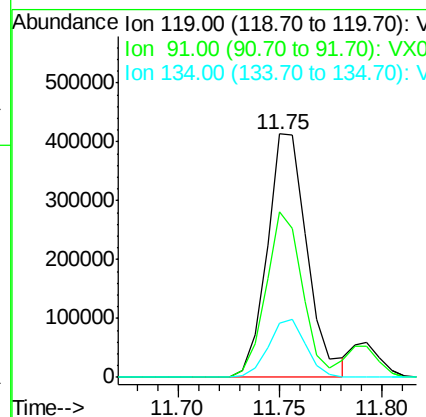
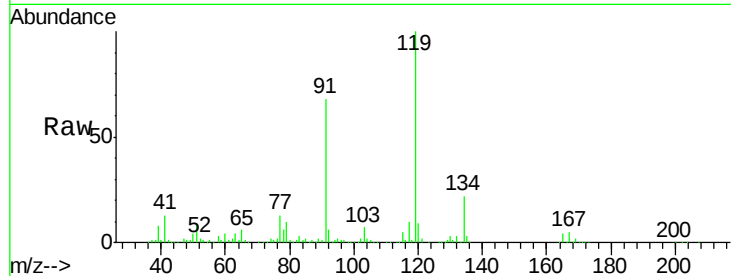
ClientSampleId :

ICVX111920

Tot Ion:	119	Resp:	563435
Ion Ratio	Lower	Upper	
119	100		
91	61.9	31.1	93.2
134	22.6	11.6	34.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 53.921 ug/l

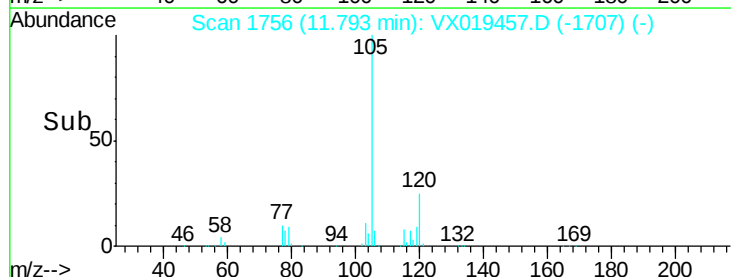
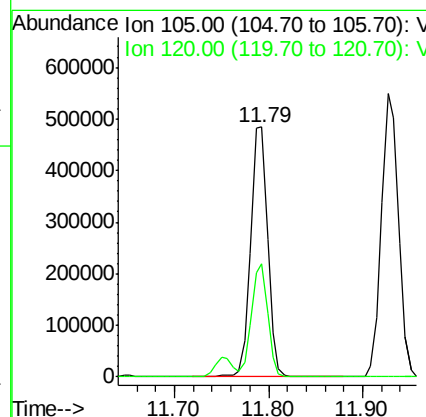
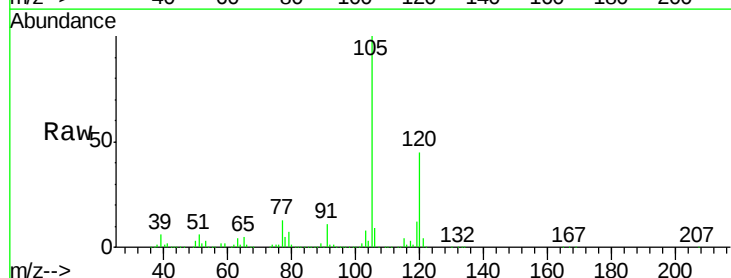
RT: 11.79 min Scan# 1756

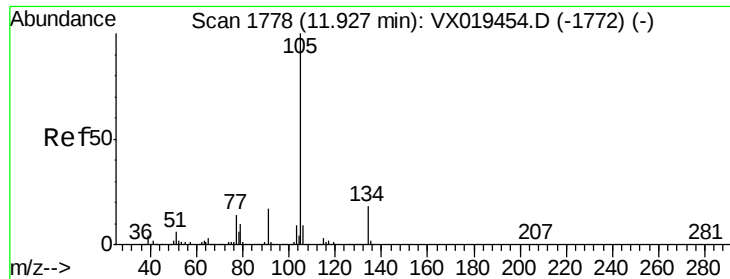
Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Tgt Ion:	105	Resp:	611505
Ion Ratio	Lower	Upper	
105	100		
120	42.9	21.5	64.5





#85

sec-Butylbenzene

Concen: 53.889 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

Instrument :

MSVOA_X

ClientSampleId :

ICVX111920

Tot Ion:105 Resp: 689599

Ion Ratio Lower Upper

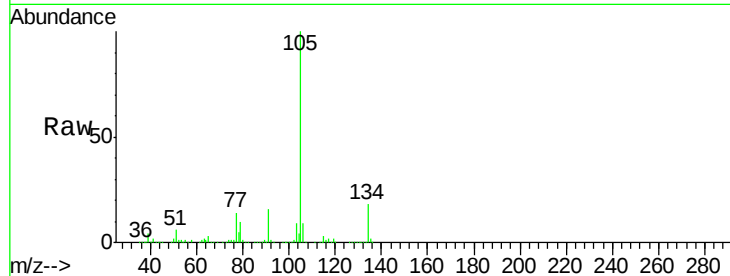
105 100

134 18.9 9.6 28.6

Manual Integrations
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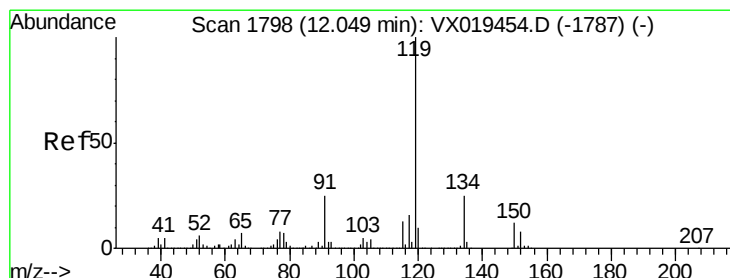
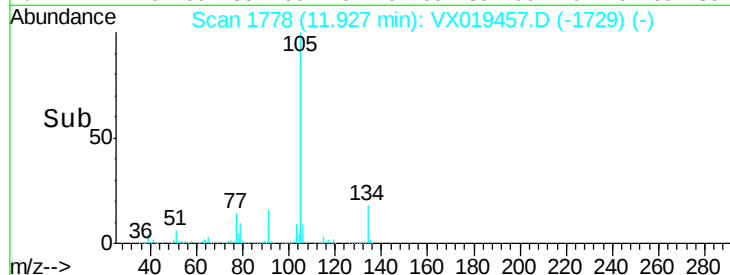
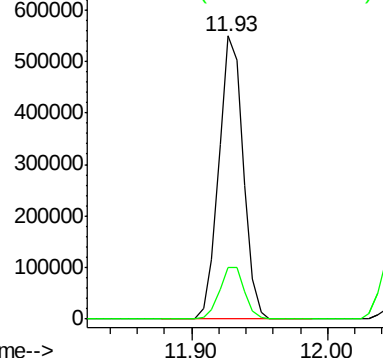
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.105 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019457.D

Acq: 18 Nov 2020 17:33

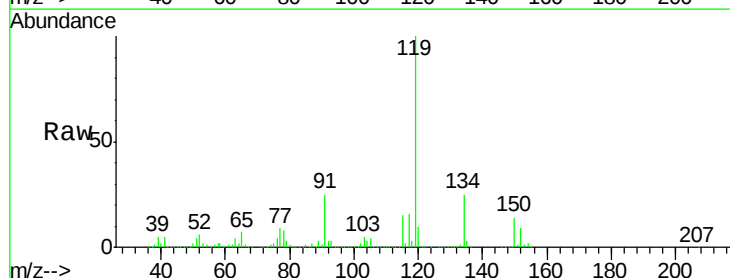
Tgt Ion:119 Resp: 628915

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.3

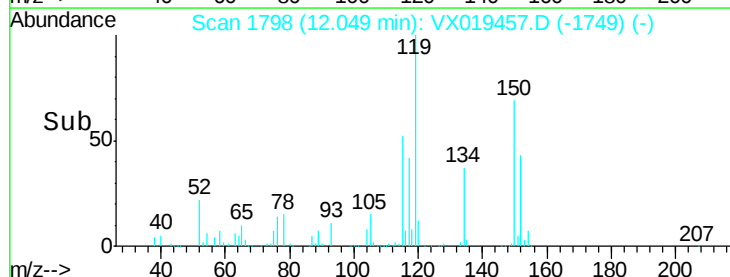
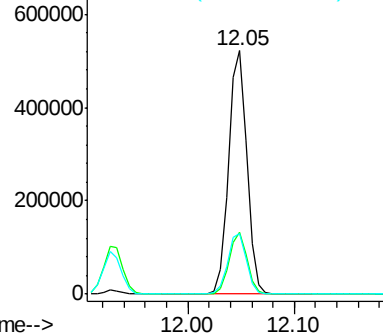
91 25.3 12.6 37.6

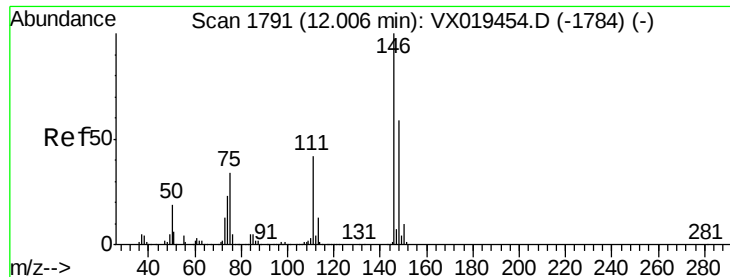


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





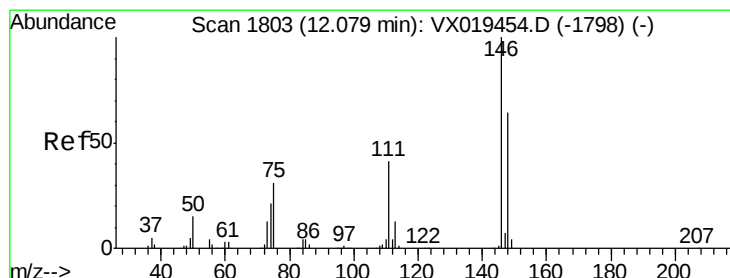
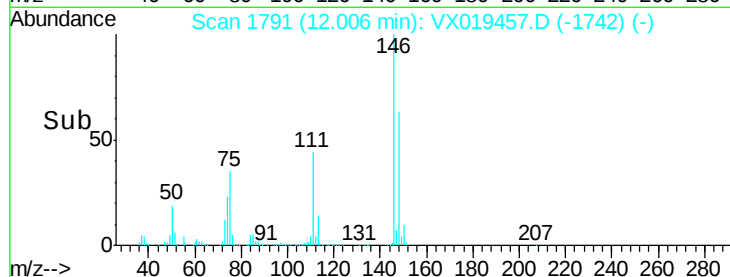
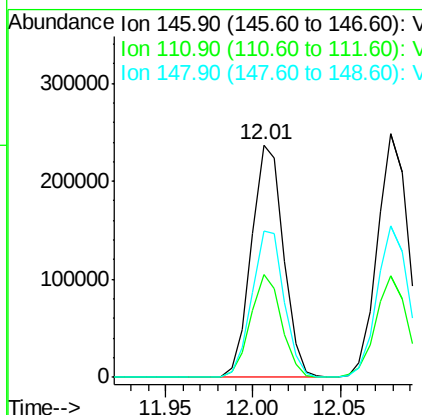
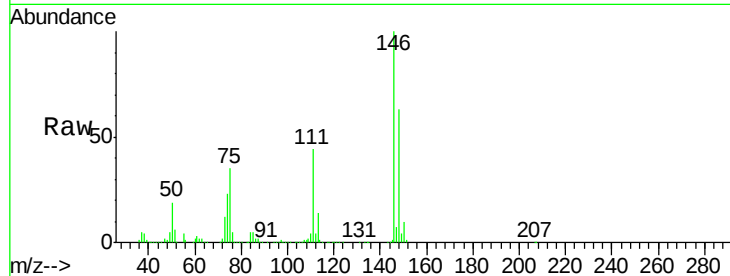
#87
 1,3-Dichlorobenzene
 Concen: 50.727 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.4
148	63.3	31.1	93.3

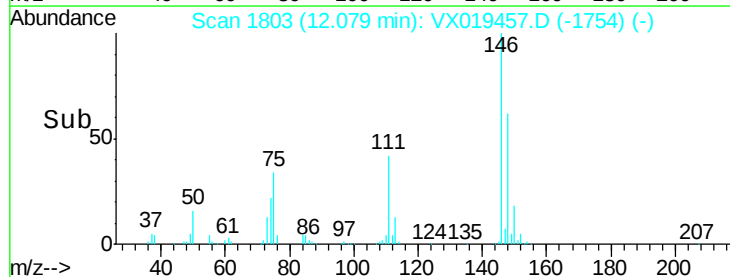
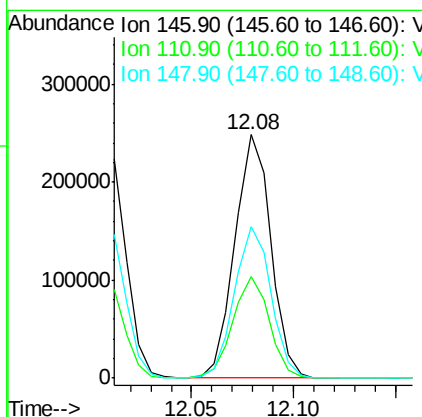
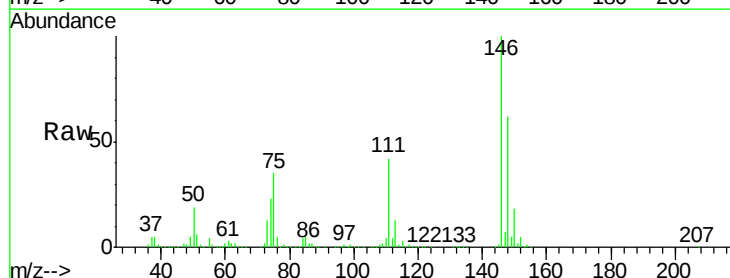
Manual Integrations
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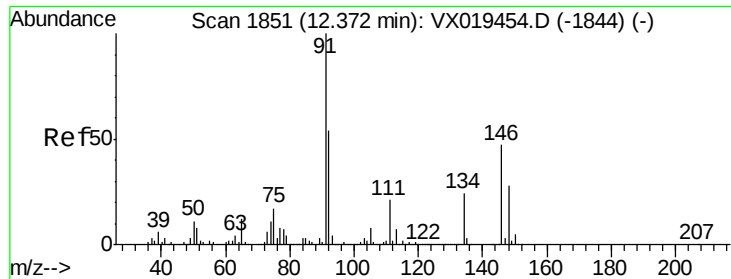
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 11/19/2020 11:58:33 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.848 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.7	62.1
148	63.0	31.4	94.0





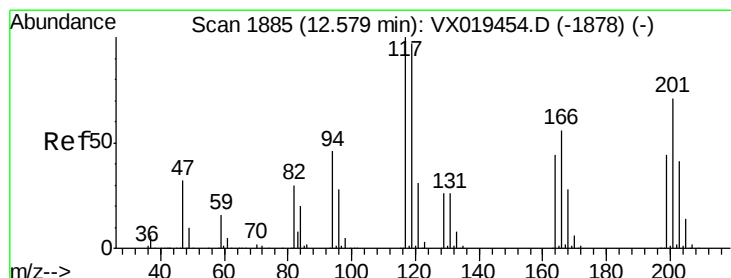
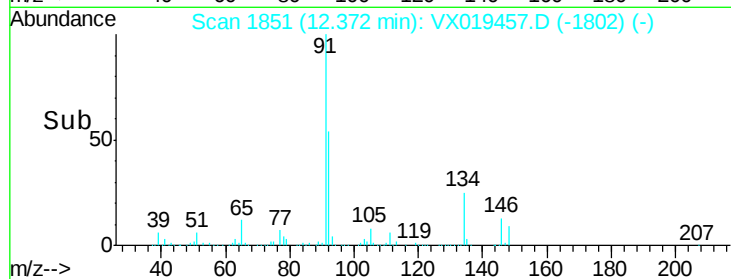
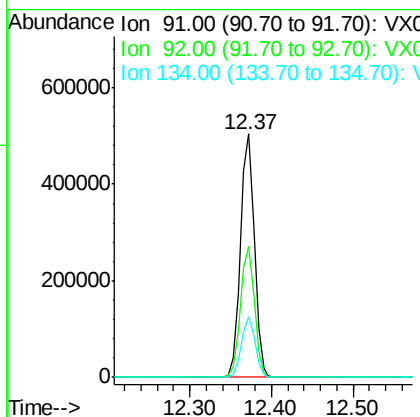
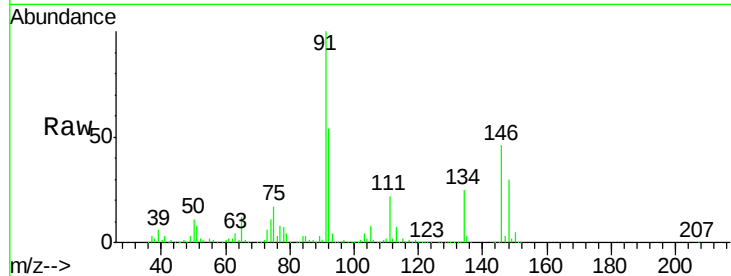
#89
n-Butylbenzene
Concen: 53.503 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
91	100	580821		
92	54.0		27.0	81.0
134	24.6		12.0	36.1

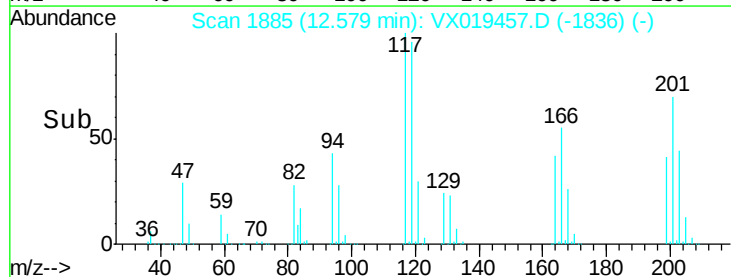
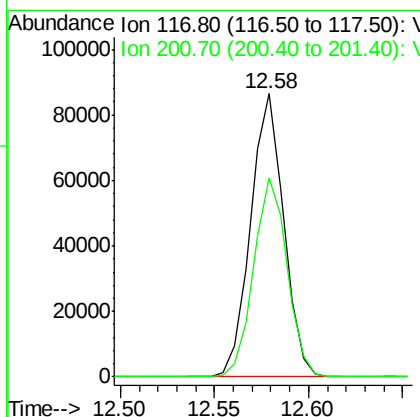
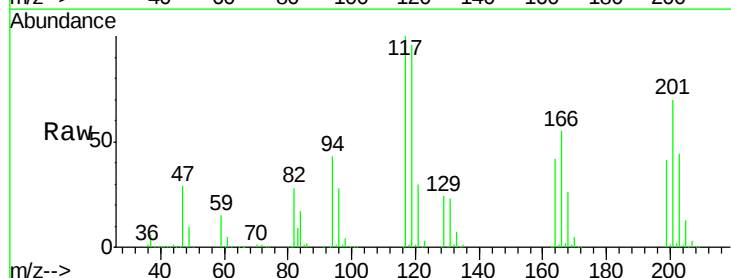
Manual Integrations
APPROVED

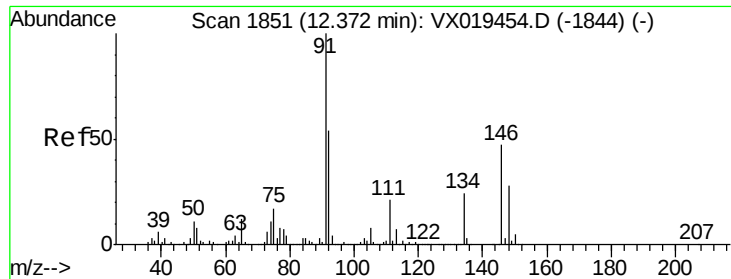
MMDadoda
11/19/2020 11:58:33 AM



#90
Hexachloroethane
Concen: 47.394 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	105284		
201	70.8		35.8	107.3





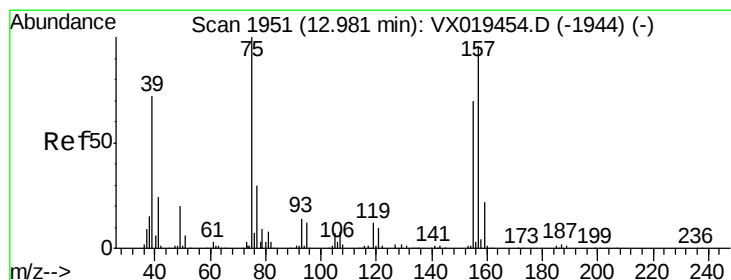
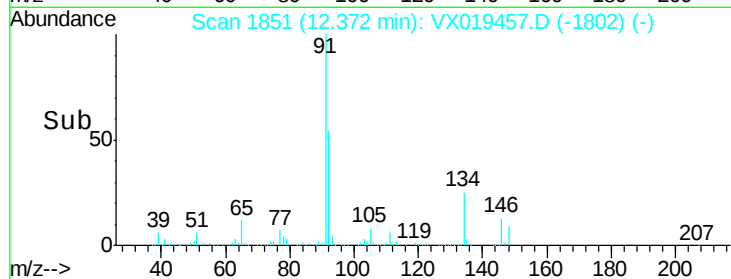
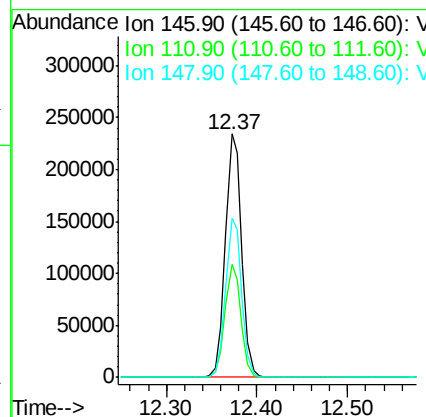
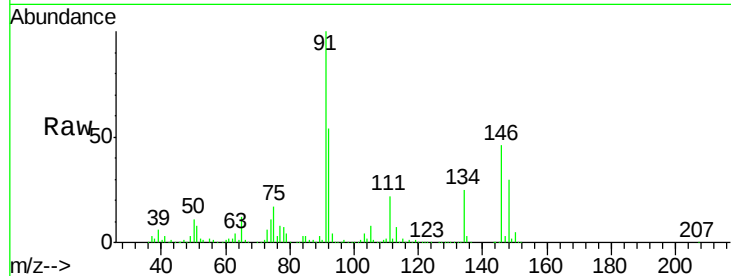
#91
 1,2-Dichlorobenzene
 Concen: 49.942 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.4	22.1	66.3
148	64.5	31.2	93.6

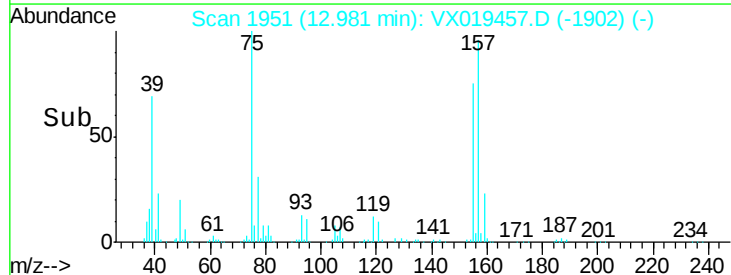
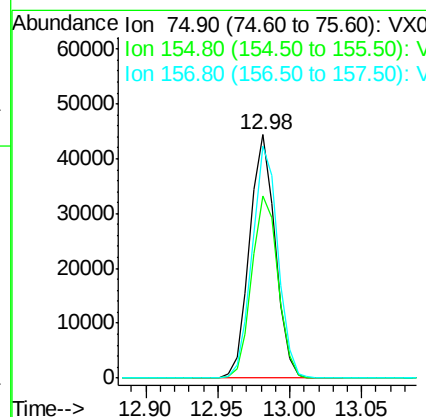
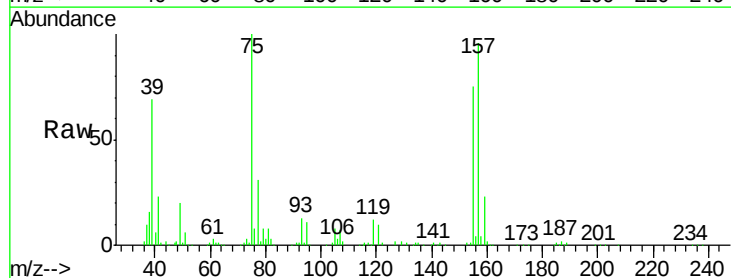
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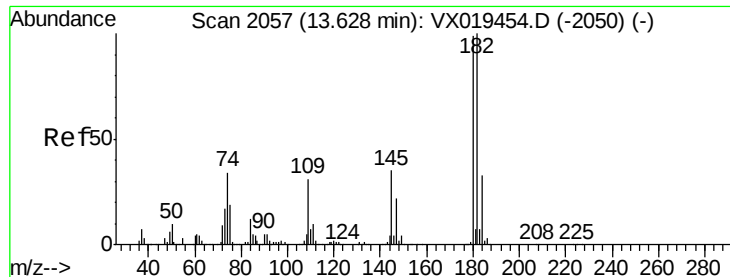
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.124 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	36.4	109.1
157	95.9	47.9	143.8





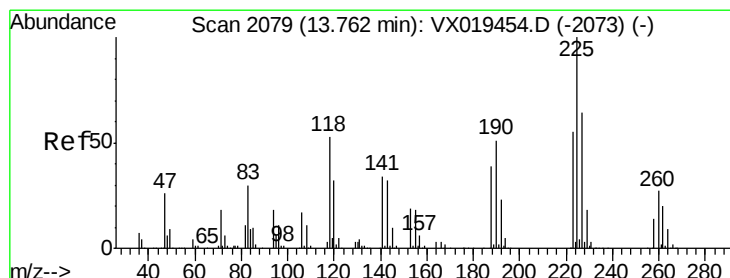
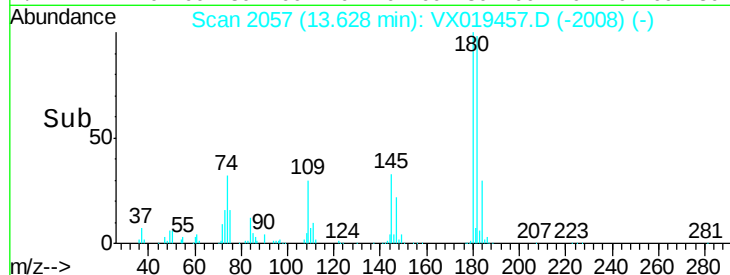
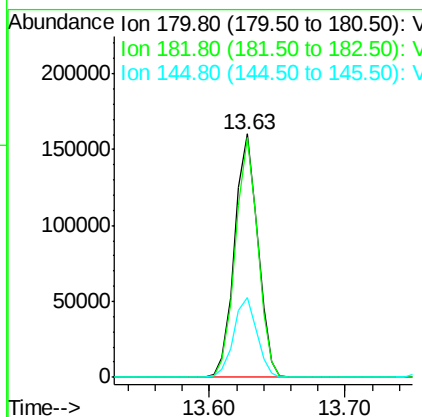
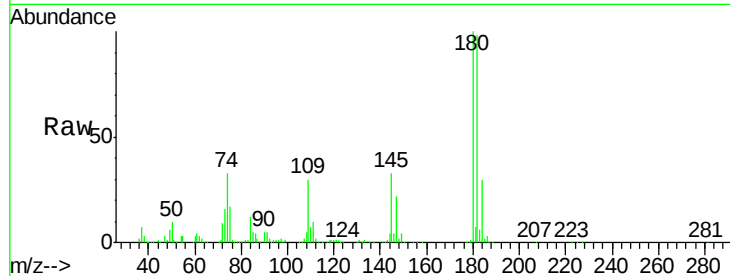
#93
 1,2,4-Trichlorobenzene
 Concen: 46.368 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111920

Tot Ion	Ratio	Resp	Lower	Upper
180	100	190827		
182	95.2	48.1	144.4	
145	32.7	16.9	50.6	

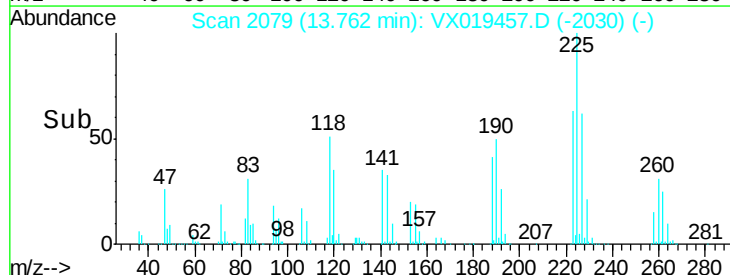
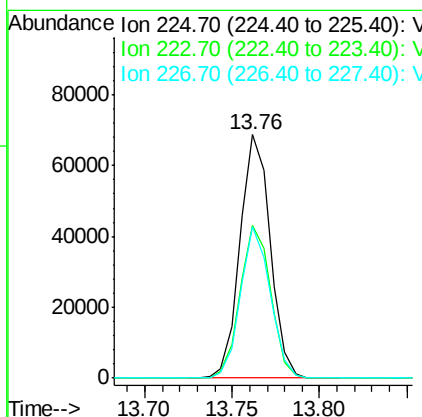
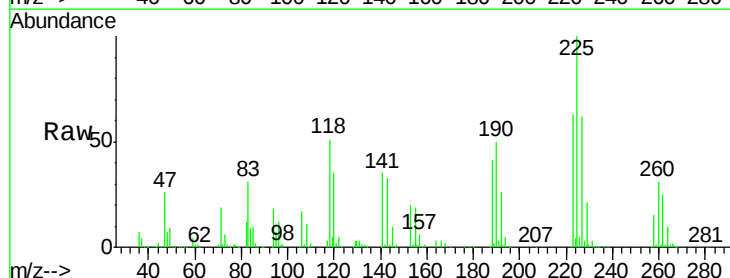
Manual Integrations
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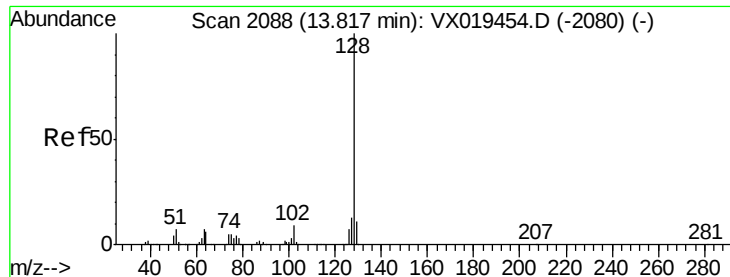
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#94
 Hexachlorobutadiene
 Concen: 50.940 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019457.D
 Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82303		
223	63.6	29.9	89.8	
227	61.4	32.6	98.0	





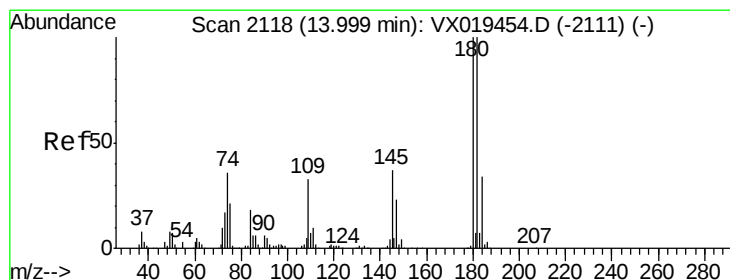
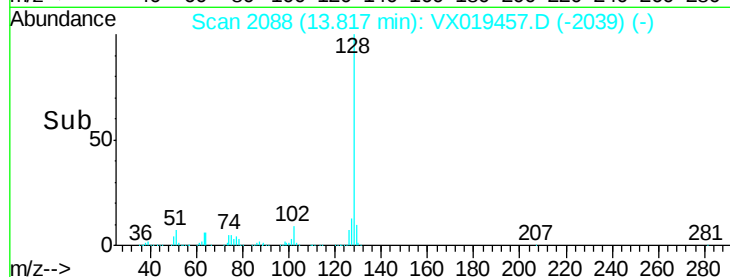
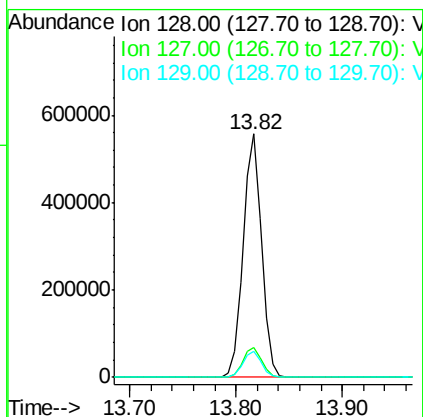
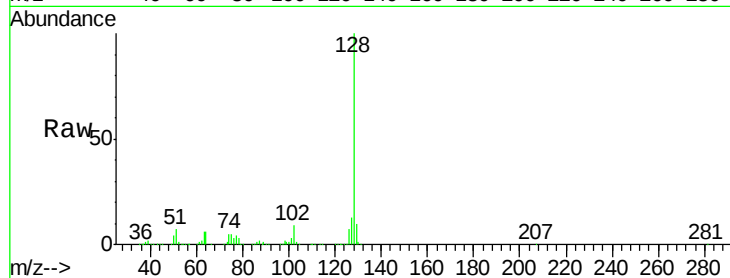
#95
Naphthalene
Concen: 47.960 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111920

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.252 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019457.D
Acq: 18 Nov 2020 17:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	49.0	147.0
145	34.4	17.6	52.8

