

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110620\
 Data File : VX019302.D
 Acq On : 05 Nov 2020 10:48
 Operator : JC/MD
 Sample : VX1106WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:04 AM

Quant Time: Nov 06 01:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	252928	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	425627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	165708	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
35) Dibromofluoromethane	5.46	113	130044	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.70	98	496402	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.12	95	185433	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	41854	19.850	ug/l	98
3) Chloromethane	1.31	50	47797	20.290	ug/l	97
4) Vinyl Chloride	1.39	62	56177	20.563	ug/l	100
5) Bromomethane	1.64	94	39191	21.006	ug/l	99
6) Chloroethane	1.72	64	37083	21.260	ug/l	96
7) Trichlorofluoromethane	1.92	101	86617	20.181	ug/l	96
8) Diethyl Ether	2.17	74	33723	20.473	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48740	20.488	ug/l	98
10) Methyl Iodide	2.49	142	41416	19.246	ug/l	100
11) Tert butyl alcohol	3.01	59	62117	96.417	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46638	19.025	ug/l	98
13) Acrolein	2.27	56	20850	76.396	ug/l	99
14) Allyl chloride	2.71	41	75151	20.240	ug/l	99
15) Acrylonitrile	3.11	53	136517	100.839	ug/l	99
16) Acetone	2.42	43	120530	107.112	ug/l	99
17) Carbon Disulfide	2.55	76	127834	18.776	ug/l	100
18) Methyl Acetate	2.75	43	57627	21.060	ug/l	97
19) Methyl tert-butyl Ether	3.16	73	169924	20.006	ug/l	99
20) Methylene Chloride	2.83	84	55854	19.771	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	53991	19.137	ug/l	96
22) Diisopropyl ether	3.82	45	157747	21.310	ug/l	91
23) Vinyl Acetate	3.78	43	682952	103.460	ug/l	98
24) 1,1-Dichloroethane	3.67	63	96405	20.859	ug/l	99
25) 2-Butanone	4.63	43	182679	103.009	ug/l	96
26) 2,2-Dichloropropane	4.54	77	86702	19.955	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	61337	19.455	ug/l	97
28) Bromochloromethane	4.98	49	43854	20.872	ug/l	92
29) Tetrahydrofuran	5.09	42	114323	102.293	ug/l	97
30) Chloroform	5.17	83	100975	20.526	ug/l	99
31) Cyclohexane	5.54	56	83542	20.262	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	88576	19.859	ug/l	98
36) 1,1-Dichloropropene	5.76	75	76302	19.414	ug/l	98
37) Ethyl Acetate	4.79	43	72386	19.836	ug/l	99
38) Carbon Tetrachloride	5.75	117	76545	19.107	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91053	19.375	ug/l	96
40) Benzene	6.11	78	224294	20.127	ug/l	100
41) Methacrylonitrile	4.99	41	38007	19.340	ug/l	98
42) 1,2-Dichloroethane	6.16	62	82233	20.023	ug/l	100
43) Isopropyl Acetate	6.40	43	118524	19.397	ug/l	99
44) Trichloroethene	7.18	130	59536	18.655	ug/l	90
45) 1,2-Dichloropropane	7.49	63	56116	20.559	ug/l	97
46) Dibromomethane	7.63	93	38887	19.267	ug/l	95
47) Bromodichloromethane	7.87	83	77037	19.364	ug/l	98
48) Methyl methacrylate	7.74	41	56542	19.226	ug/l	99
49) 1,4-Dioxane	7.72	88	24047	367.669	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	355249	101.155	ug/l	99
52) Toluene	8.76	92	141020	19.648	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	82834	18.229	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	91343	19.116	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55852	19.695	ug/l	97
56) Ethyl methacrylate	9.16	69	81677	19.068	ug/l	96
57) 1,3-Dichloropropane	9.35	76	95229	19.917	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	222557	92.905	ug/l	96
59) 2-Hexanone	9.47	43	271236	101.461	ug/l	99
60) Dibromochloromethane	9.56	129	56943	18.502	ug/l	99
61) 1,2-Dibromoethane	9.65	107	58534	19.302	ug/l	98
64) Tetrachloroethene	9.32	164	55702	19.189	ug/l	97
65) Chlorobenzene	10.12	112	147238	18.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	52572	18.753	ug/l	98
67) Ethyl Benzene	10.23	91	268453	19.346	ug/l	99
68) m/p-Xylenes	10.34	106	199858	38.376	ug/l	97
69) o-Xylene	10.68	106	94365	19.103	ug/l	99
70) Styrene	10.70	104	160971	19.099	ug/l	99
71) Bromoform	10.84	173	39299	17.681	ug/l #	99
73) Isopropylbenzene	11.00	105	261790	19.396	ug/l	98
74) N-amyl acetate	10.88	43	94225	19.093	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	82714	19.608	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	79184m	20.112	ug/l	
77) Bromobenzene	11.24	156	61941	18.491	ug/l	94
78) n-propylbenzene	11.34	91	300176	19.482	ug/l	99
79) 2-Chlorotoluene	11.40	91	176803	19.491	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	219187	19.223	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	25371	16.967	ug/l	94
82) 4-Chlorotoluene	11.49	91	212538	19.187	ug/l	99
83) tert-Butylbenzene	11.76	119	208752	19.120	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	223350	19.402	ug/l	99
85) sec-Butylbenzene	11.93	105	251902	19.237	ug/l	99
86) p-Isopropyltoluene	12.05	119	233580	19.326	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	117181	18.784	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	116921	18.005	ug/l	98
89) n-Butylbenzene	12.37	91	212774	18.729	ug/l	99
90) Hexachloroethane	12.58	117	36602	17.817	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	112000	18.697	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	18080	17.508	ug/l	91

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ClientSampleId :
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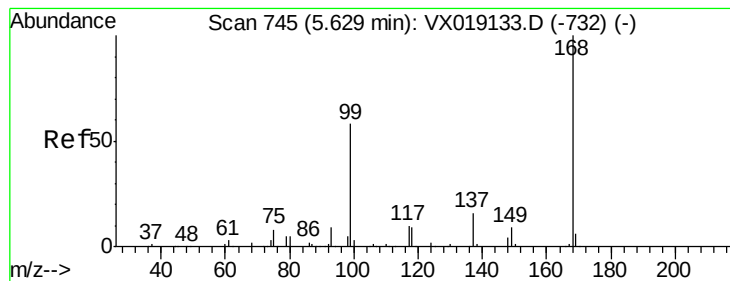
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73748	16.390	ug/l	97
94) Hexachlorobutadiene	13.77	225	33127	16.725	ug/l	97
95) Naphthalene	13.82	128	234459	16.545	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	72050	16.506	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion:168 Resp: 252928

Ion Ratio Lower Upper

168 100

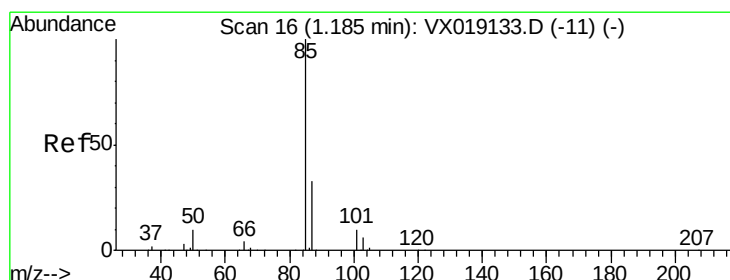
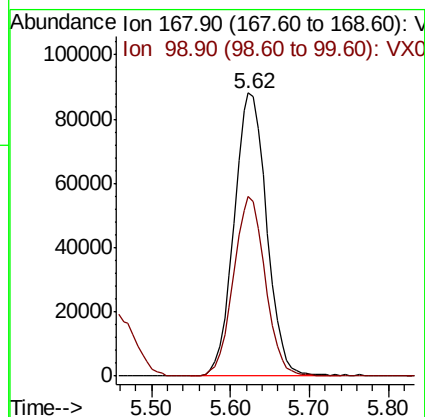
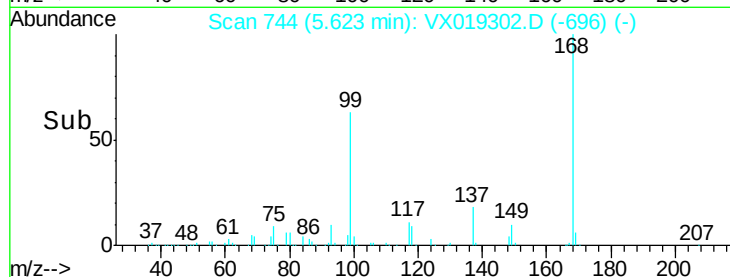
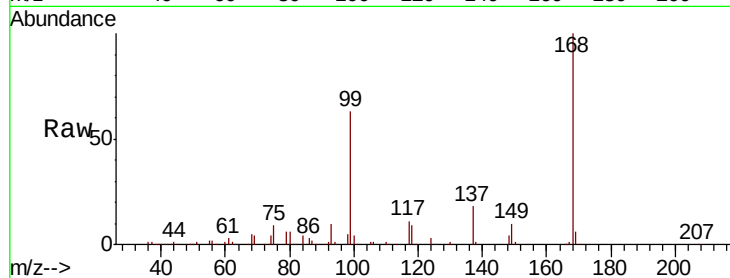
99 63.4 46.6 69.8

Manual Integrations

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11/6/2020 9:24:04 AM



#2

Dichlorodifluoromethane

Concen: 19.850 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019302.D

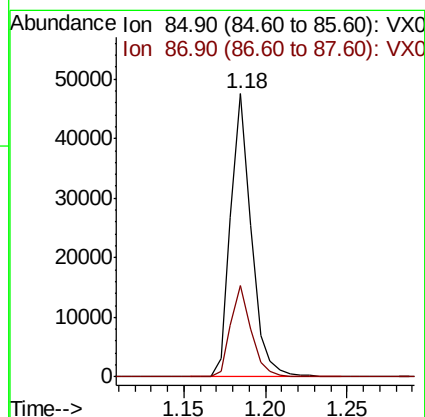
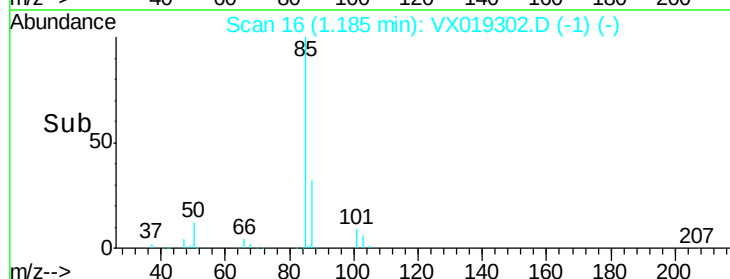
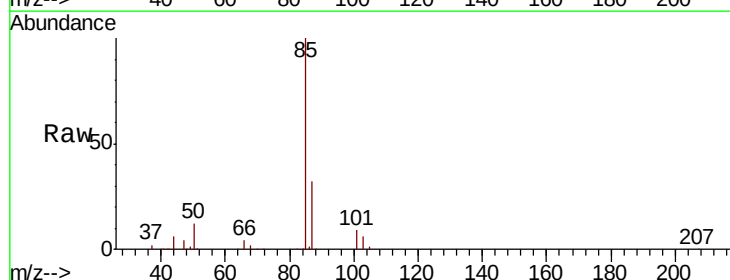
Acq: 05 Nov 2020 10:48

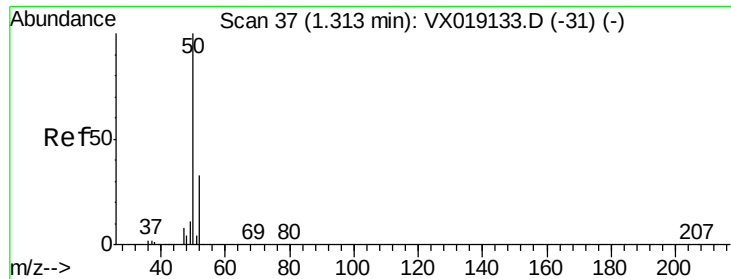
Tgt Ion: 85 Resp: 41854

Ion Ratio Lower Upper

85 100

87 32.2 16.6 49.7





#3

Chloromethane

Concen: 20.290 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 50 Resp: 47797

Ion Ratio Lower Upper

50 100

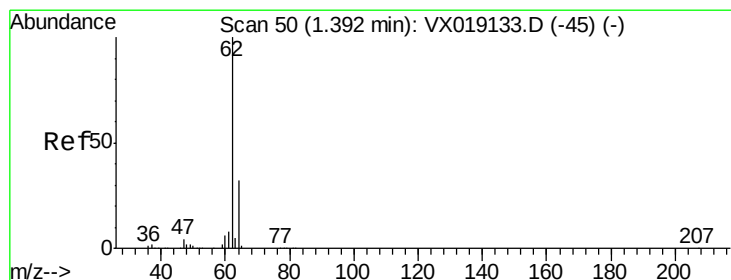
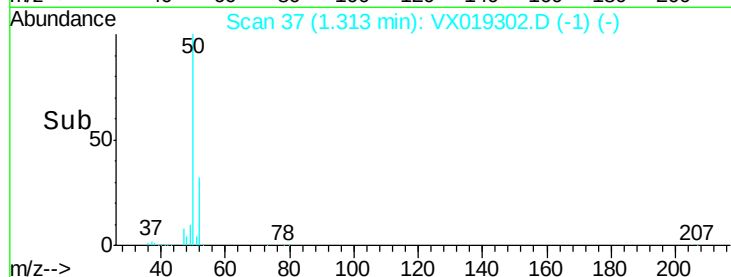
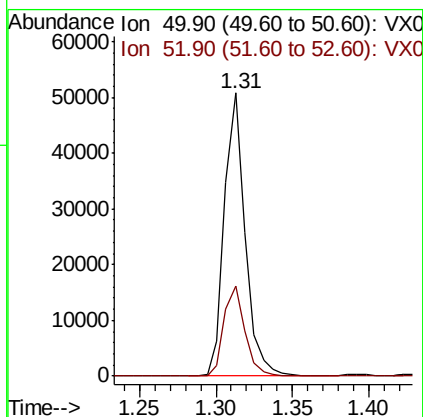
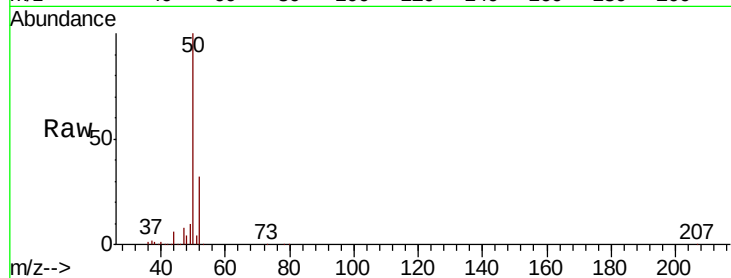
52 31.9 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.563 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019302.D

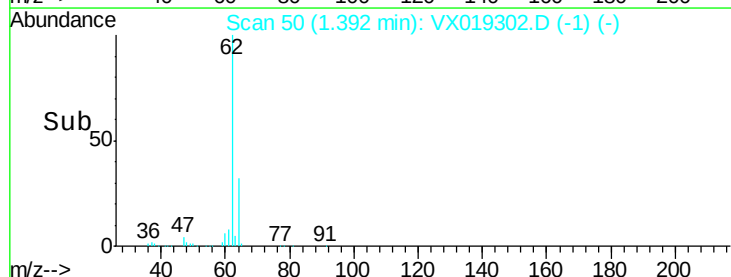
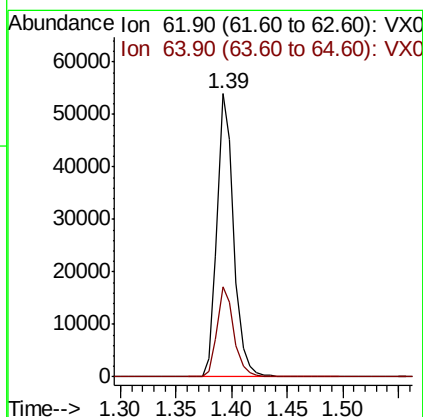
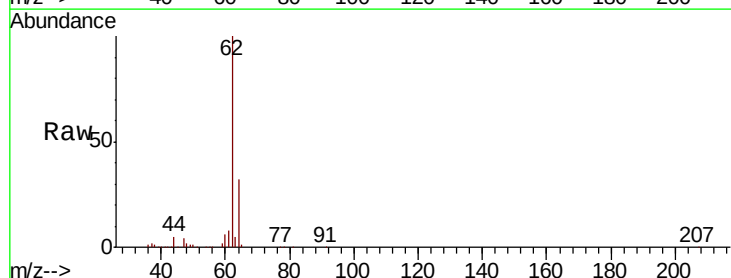
Acq: 05 Nov 2020 10:48

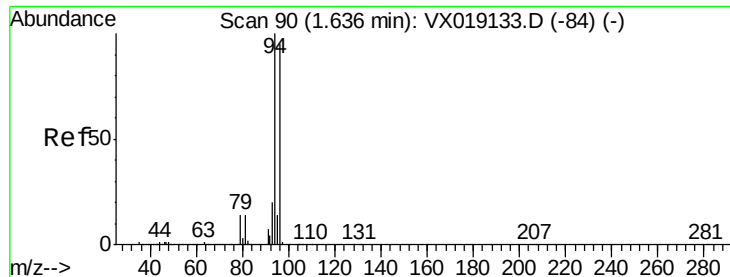
Tgt Ion: 62 Resp: 56177

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0





#5

Bromomethane

Concen: 21.006 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 94 Resp: 39191

Ion Ratio Lower Upper

94 100

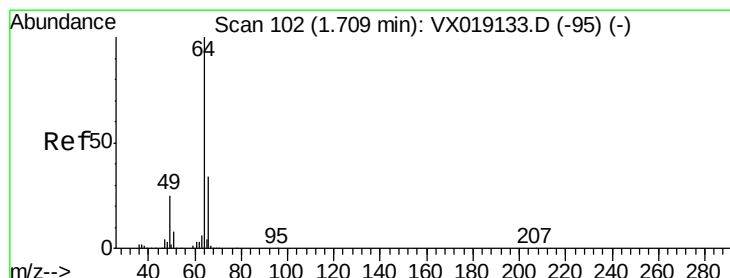
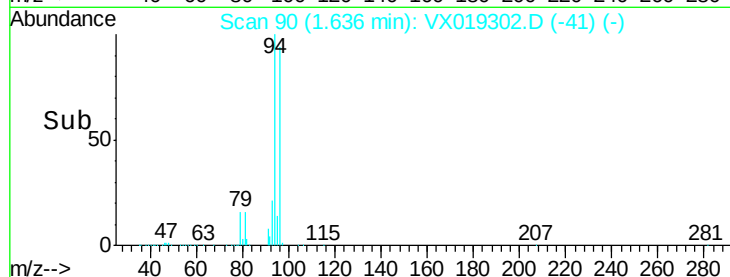
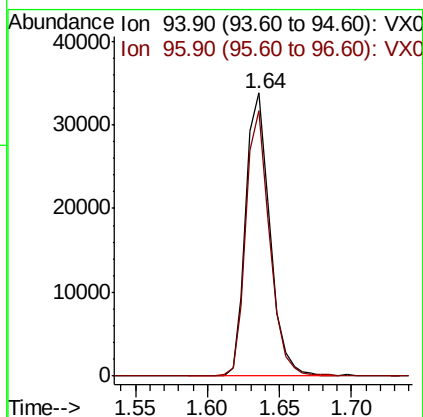
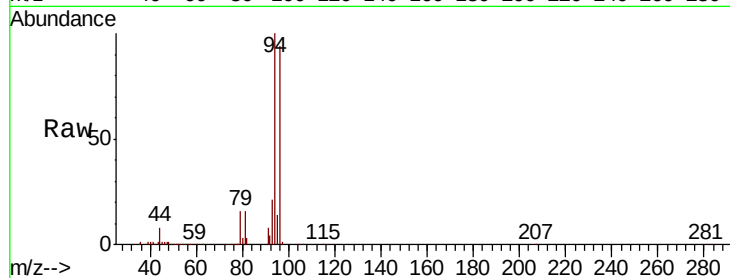
96 93.9 76.0 114.0

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#6

Chloroethane

Concen: 21.260 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX019302.D

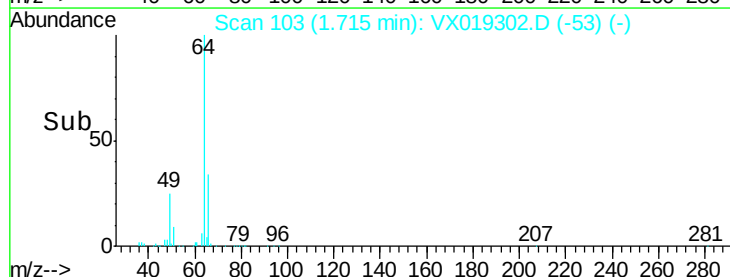
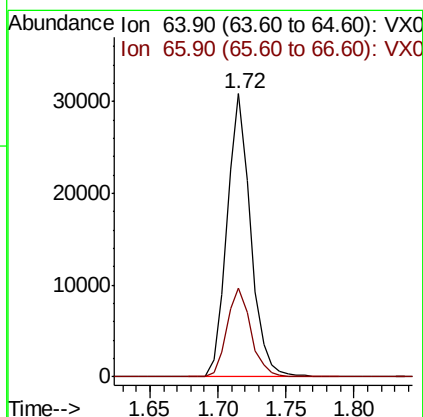
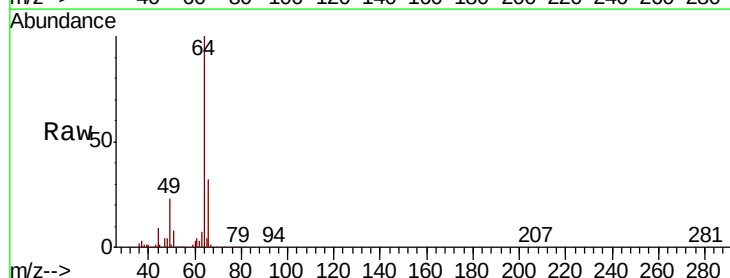
Acq: 05 Nov 2020 10:48

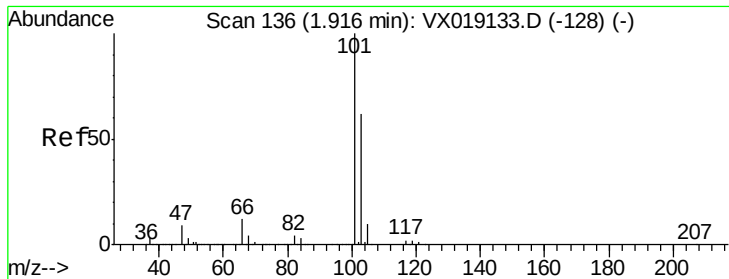
Tgt Ion: 64 Resp: 37083

Ion Ratio Lower Upper

64 100

66 31.6 27.1 40.7





#7

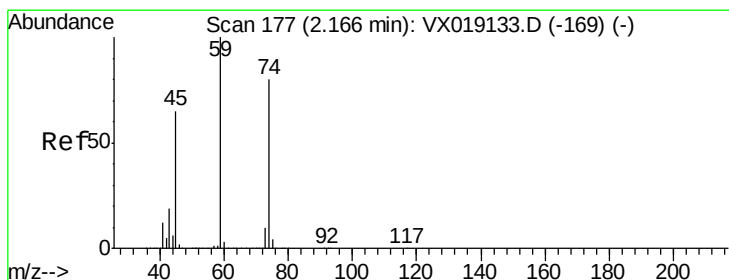
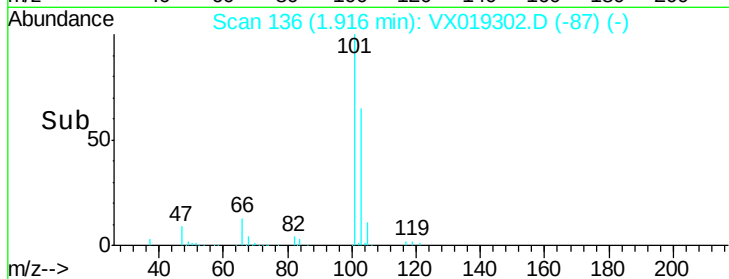
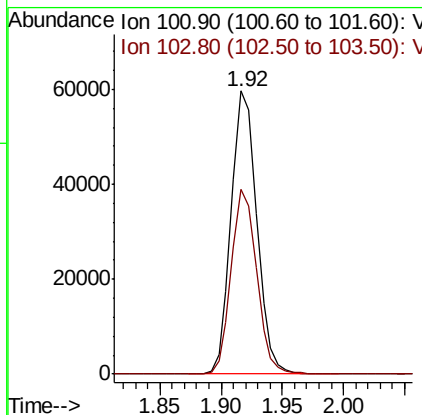
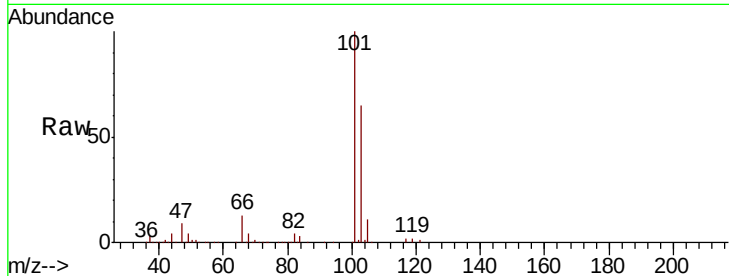
Trichlorofluoromethane
Concen: 20.181 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX019302.D
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	50.0	75.0

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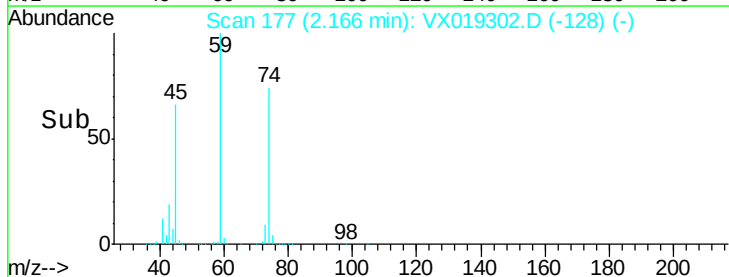
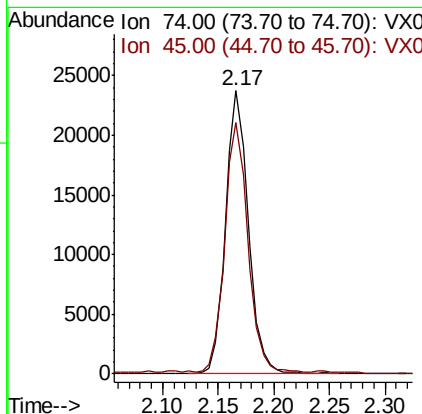
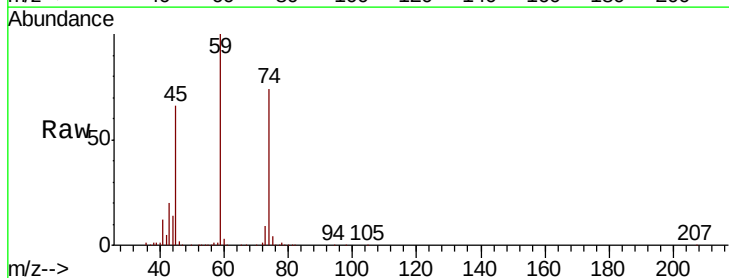
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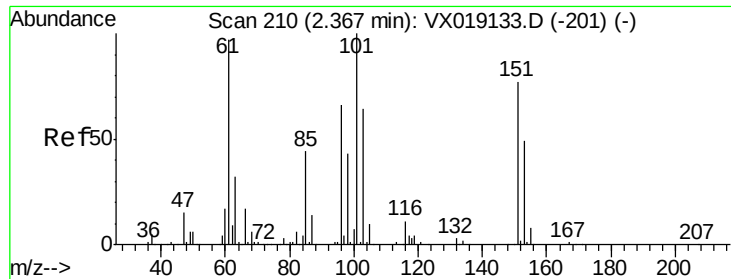


#8

Diethyl Ether
Concen: 20.473 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.7	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.488 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

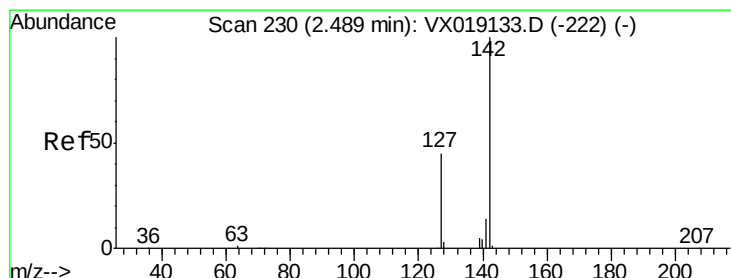
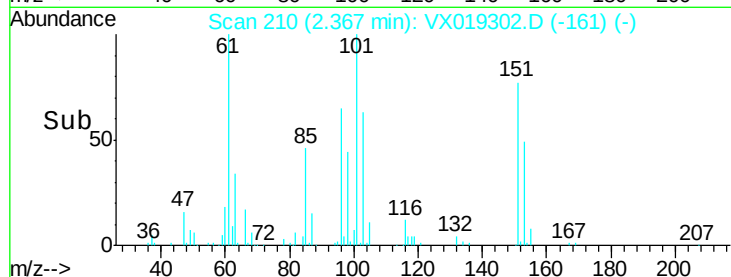
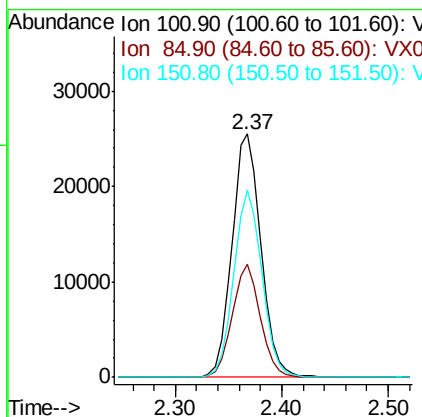
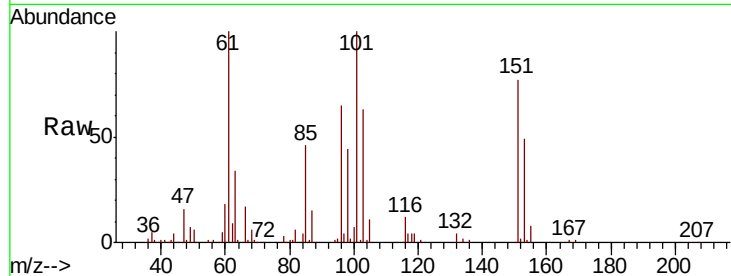
ClientSampleId :

VX1106WBS02

Tot Ion:	101	Resp:	48740
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.0	52.4
151	75.0	61.4	92.2

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#10

Methyl Iodide

Concen: 19.246 ug/l

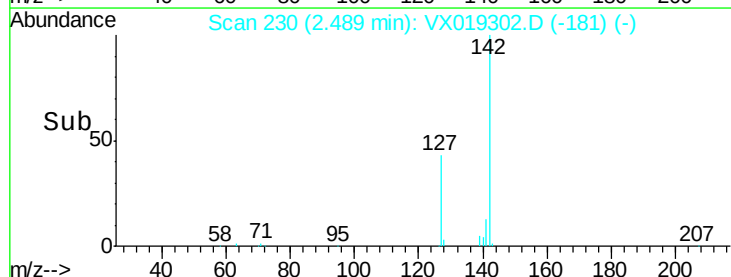
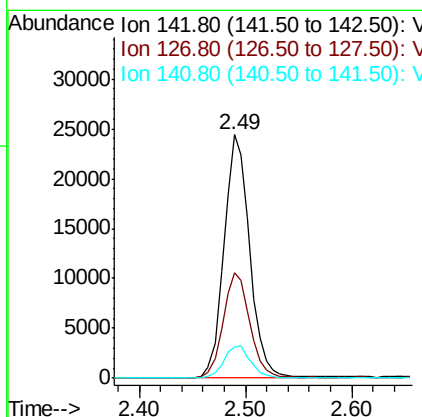
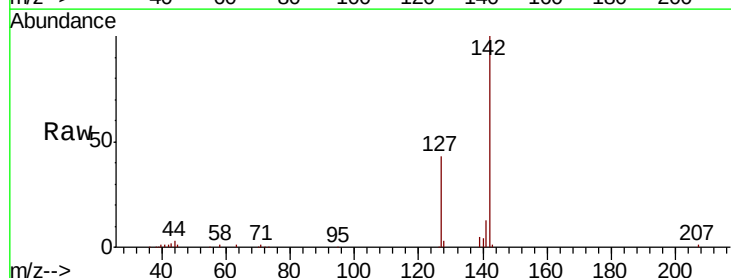
RT: 2.49 min Scan# 230

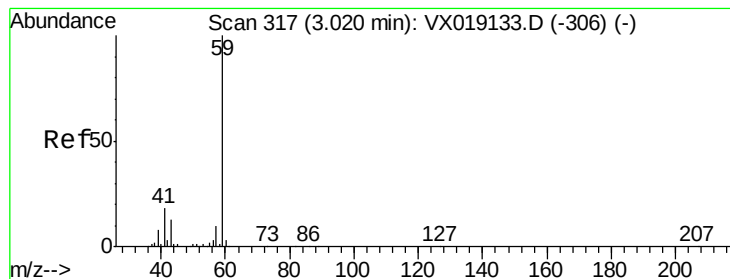
Delta R.T. 0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	142	Resp:	41416
Ion Ratio	Lower	Upper	
142	100		
127	44.9	36.1	54.1
141	13.6	11.3	16.9





#11

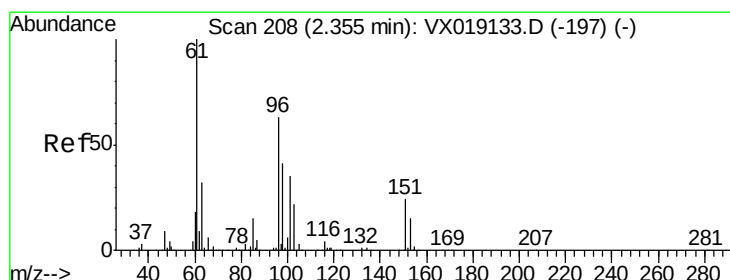
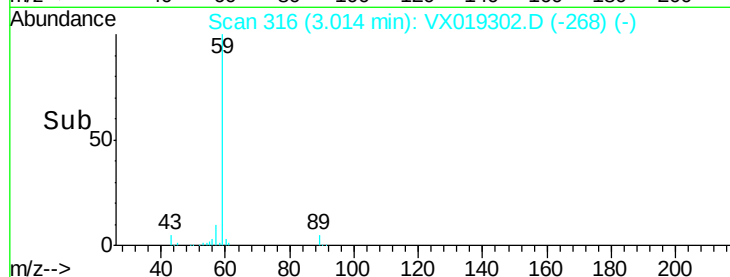
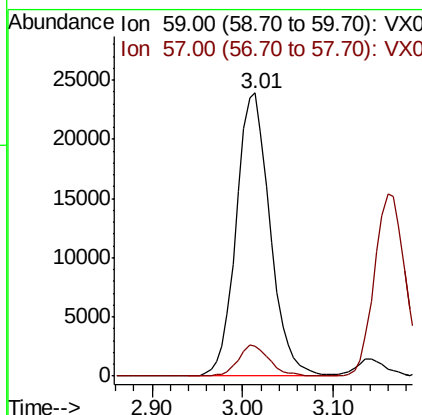
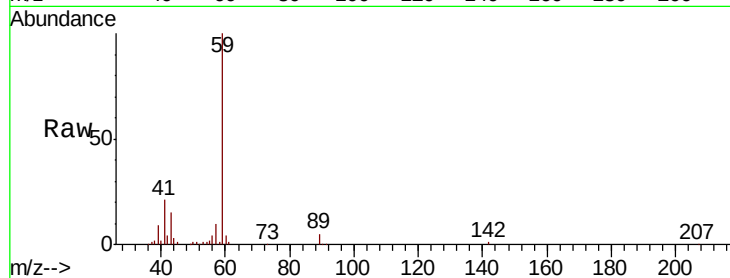
Tert butyl alcohol
Concen: 96.417 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.4	12.6

Manual Integrations
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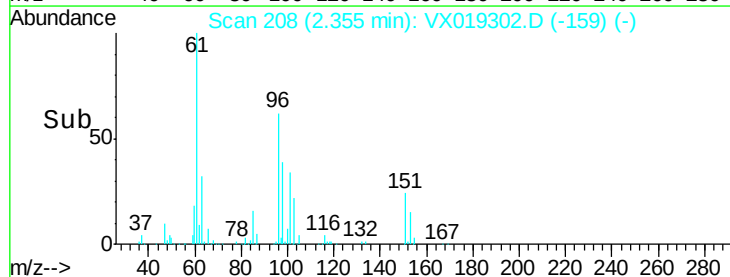
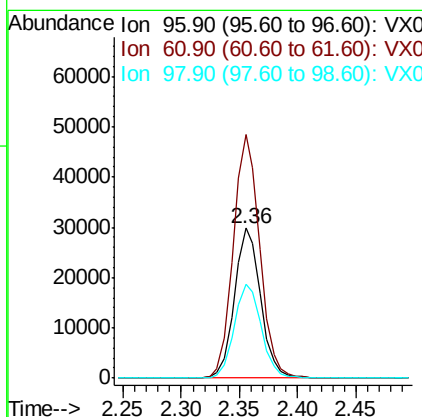
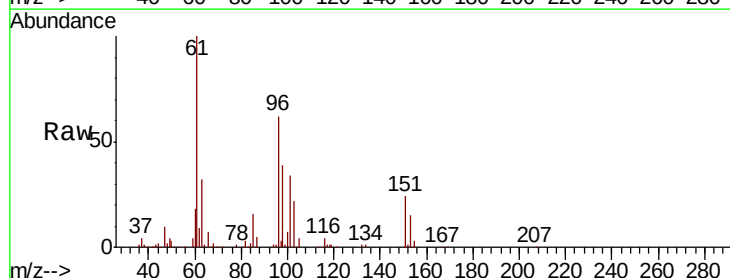
MMDadoda
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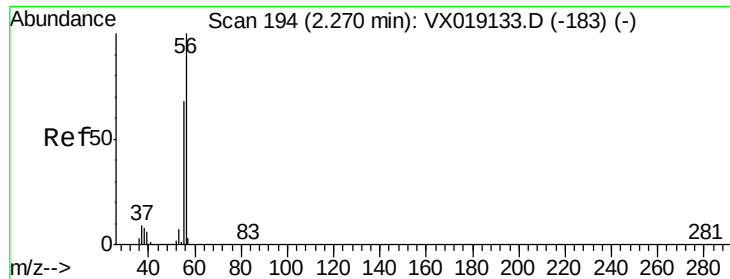


#12

1,1-Dichloroethene
Concen: 19.025 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	127.7	191.5
98	62.9	52.1	78.1





#13

Acrolein

Concen: 76.396 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 56 Resp: 20850

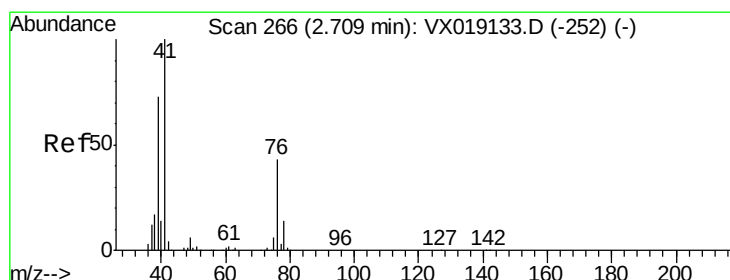
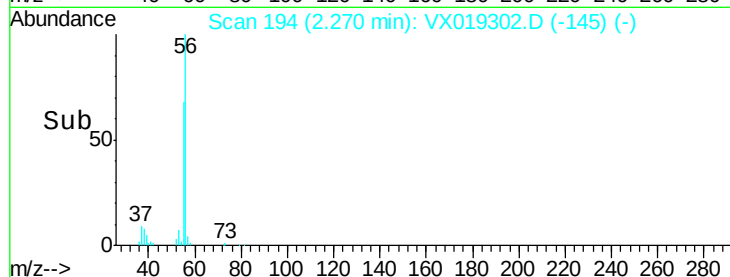
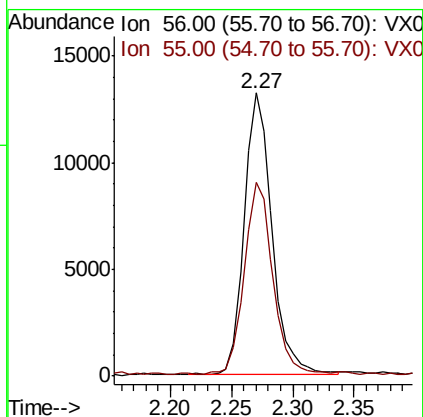
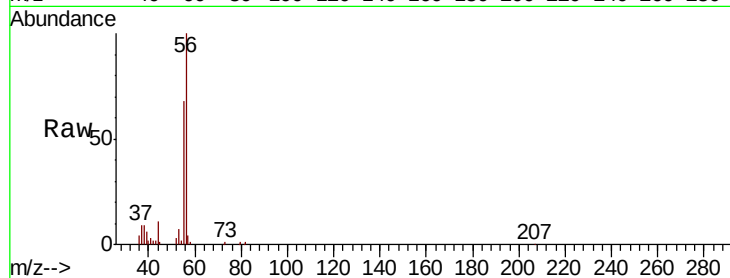
Ion Ratio Lower Upper

56 100

55 69.1 54.7 82.1

Manual Integrations
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#14

Allyl chloride

Concen: 20.240 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

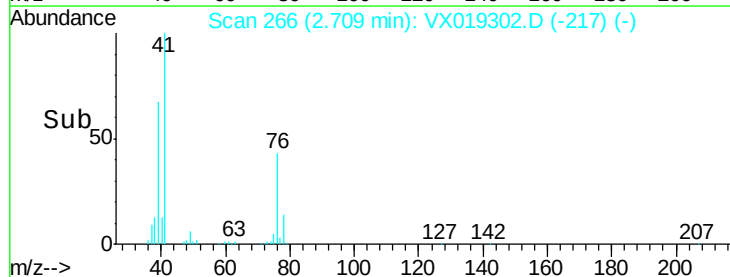
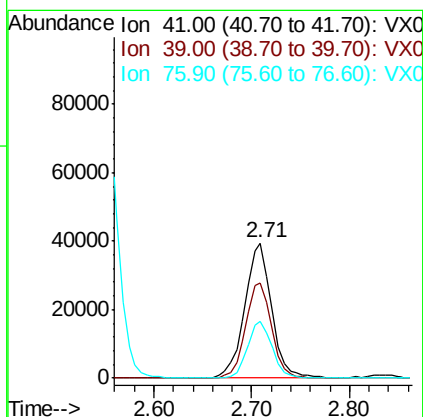
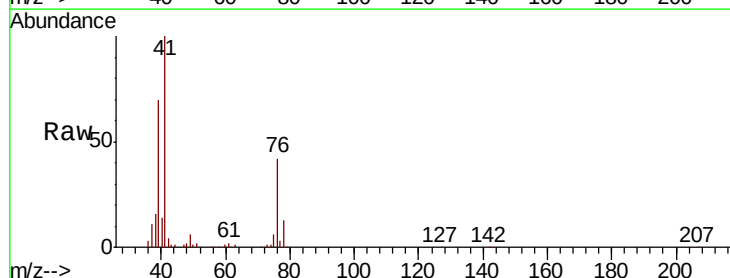
Tgt Ion: 41 Resp: 75151

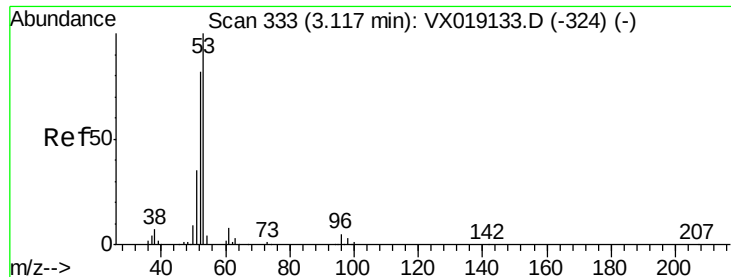
Ion Ratio Lower Upper

41 100

39 68.4 55.2 82.8

76 38.5 31.5 47.3





#15

Acrylonitrile

Concen: 100.839 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

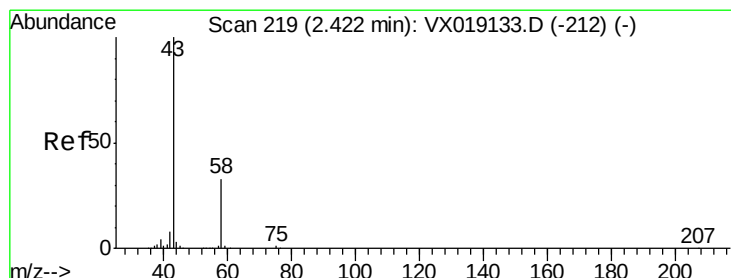
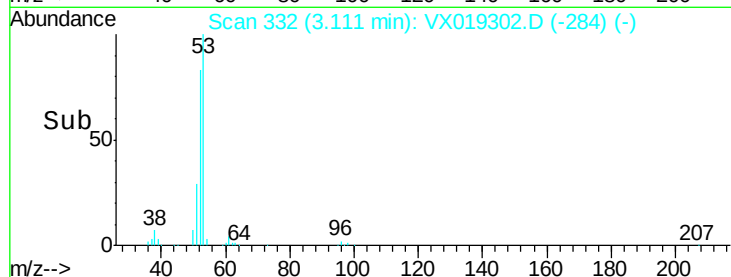
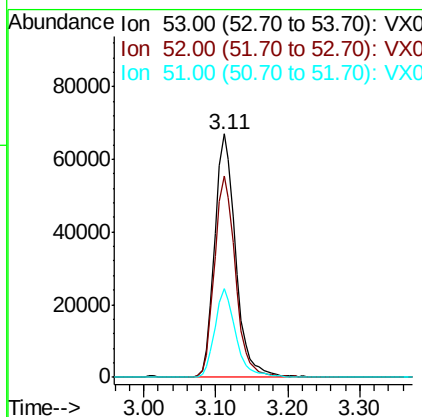
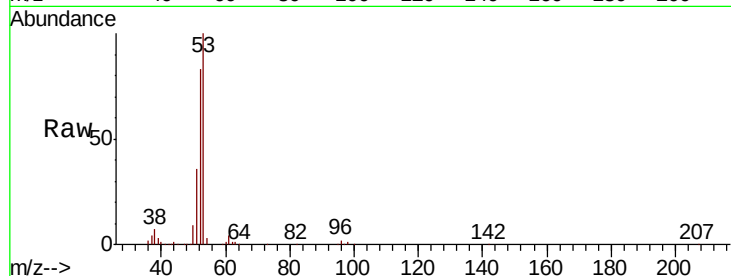
ClientSampleId :

VX1106WBS02

Tot Ion:	53	Resp:	136517
Ion Ratio		Lower	Upper
53	100		
52	82.5	65.7	98.5
51	36.3	28.4	42.6

Manual Integrations
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#16

Acetone

Concen: 107.112 ug/l

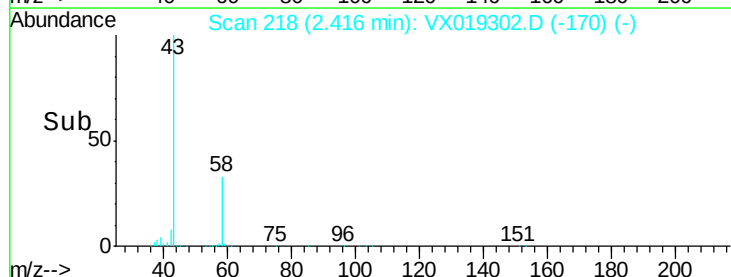
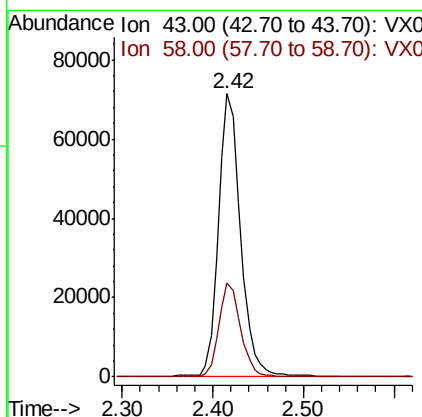
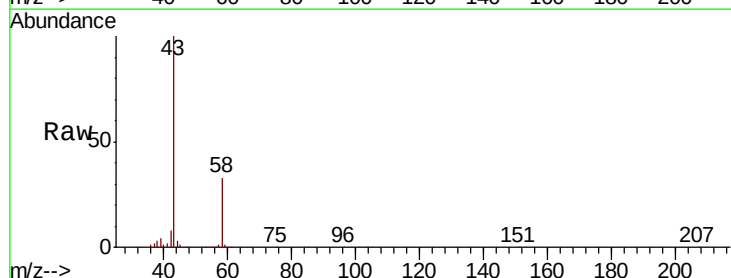
RT: 2.42 min Scan# 218

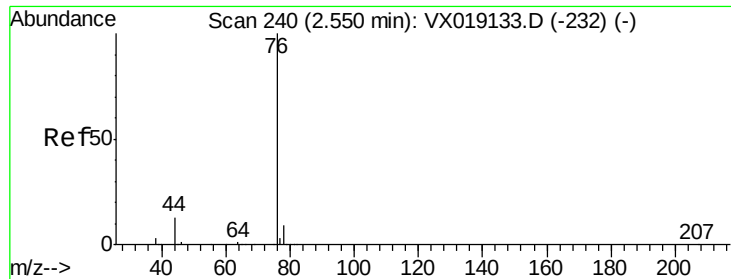
Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	43	Resp:	120530
Ion Ratio		Lower	Upper
43	100		
58	33.3	26.3	39.5





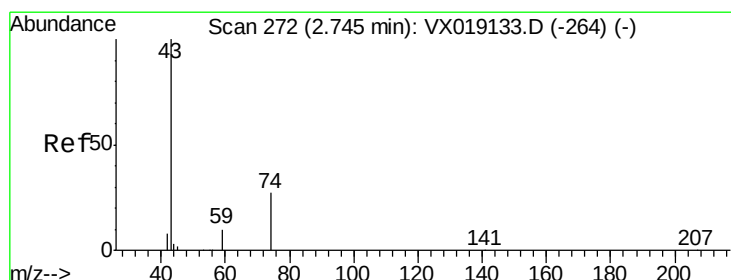
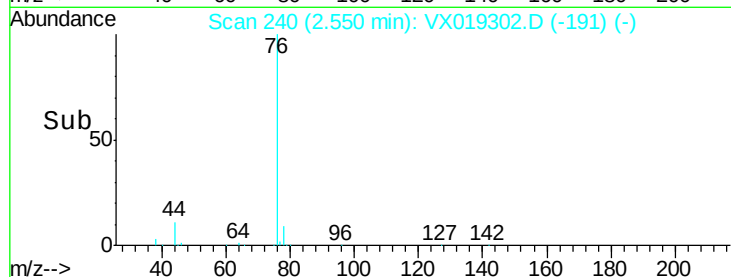
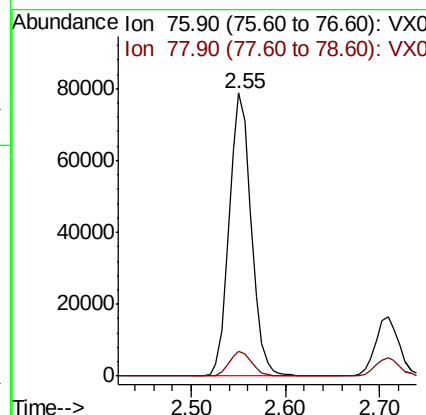
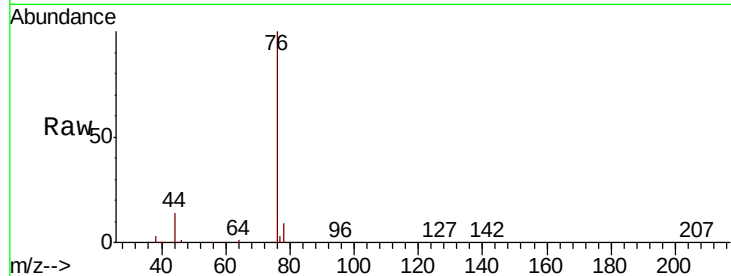
#17
Carbon Disulfide
Concen: 18.776 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

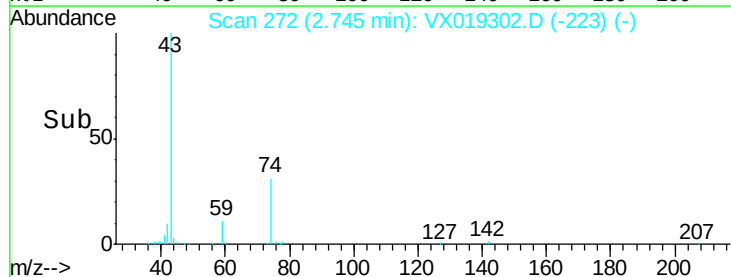
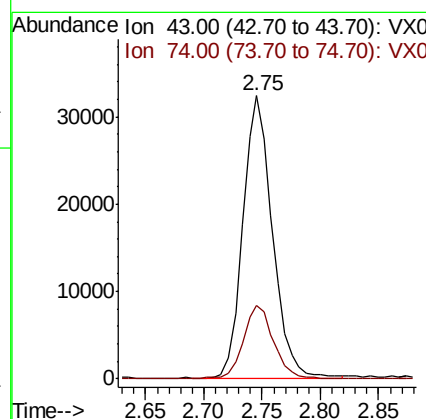
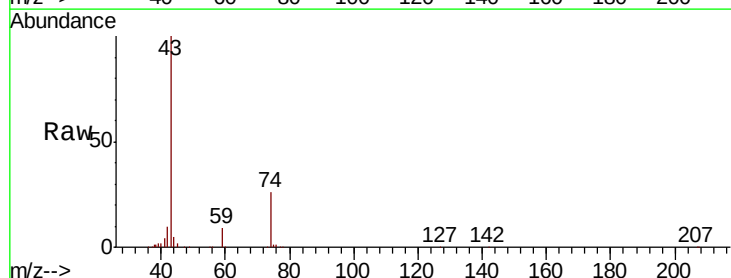
Manual Integrations
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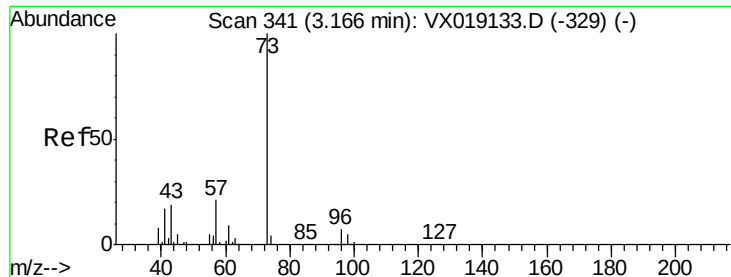
MMDadoda
11/6/2020 9:24:04 AM



#18
Methyl Acetate
Concen: 21.060 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	22.6	33.8





#19

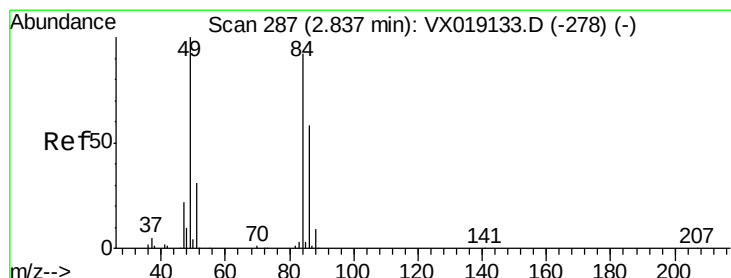
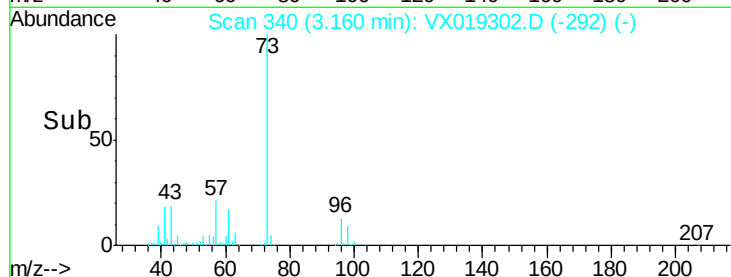
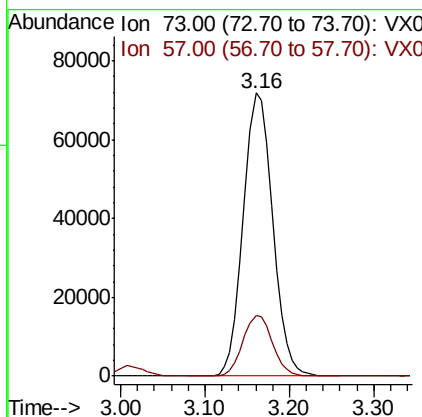
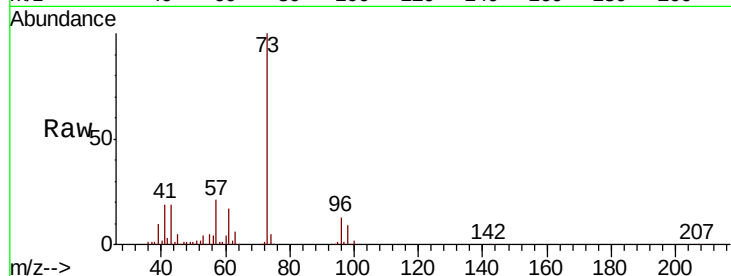
Methyl tert-butyl Ether
 Concen: 20.006 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.6	25.0

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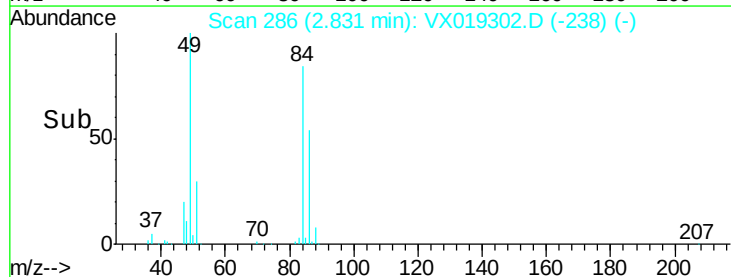
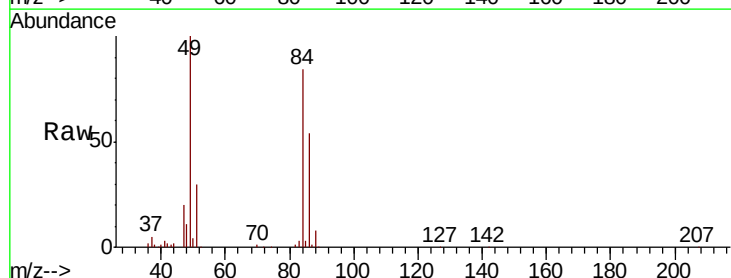
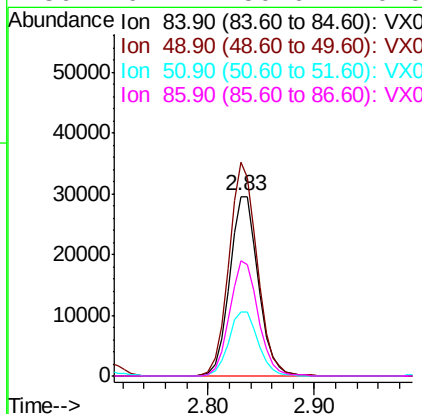
MMDadoda
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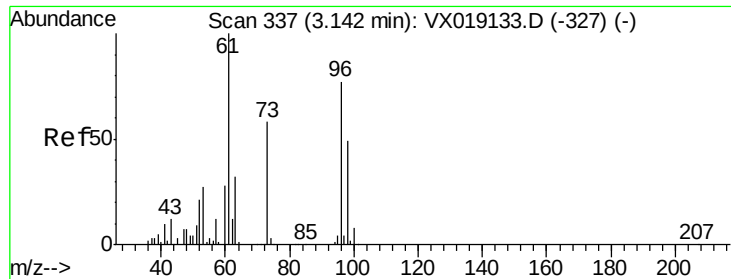


#20

Methylene Chloride
 Concen: 19.771 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.8	86.8	130.2
51	35.6	27.3	40.9
86	64.4	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 19.137 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

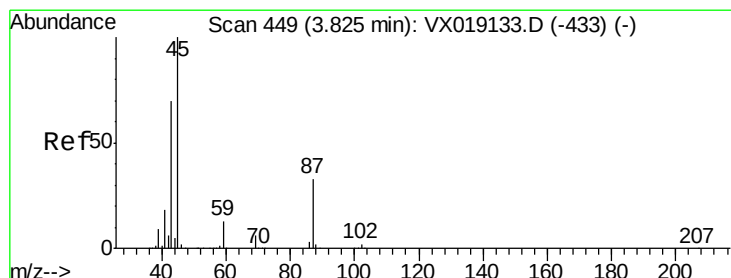
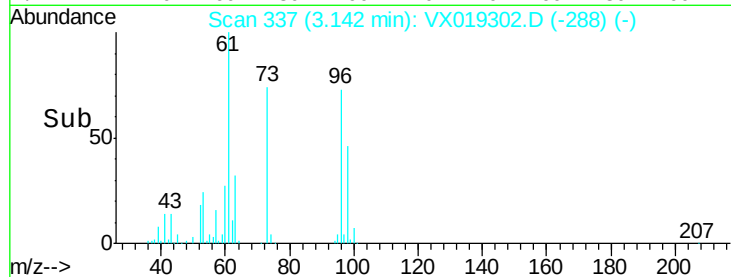
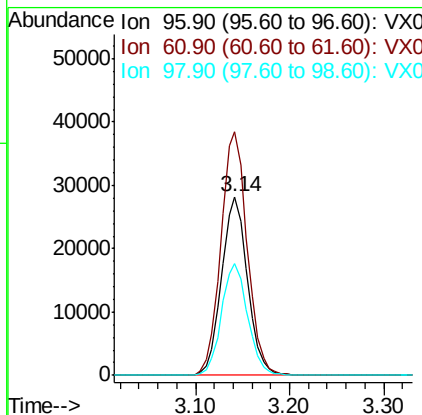
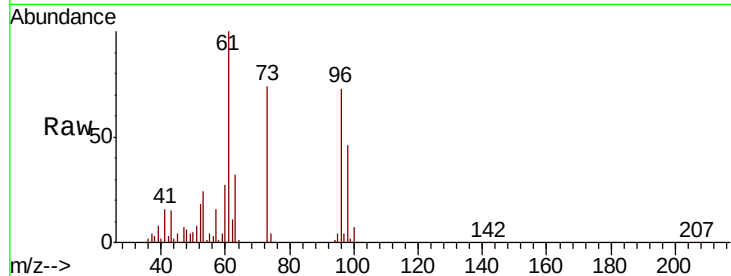
ClientSampleId :

VX1106WBS02

Tot Ion:	96	Resp:	53991
Ion	Ratio	Lower	Upper
96	100		
61	136.4	104.2	156.4
98	62.6	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 21.310 ug/l

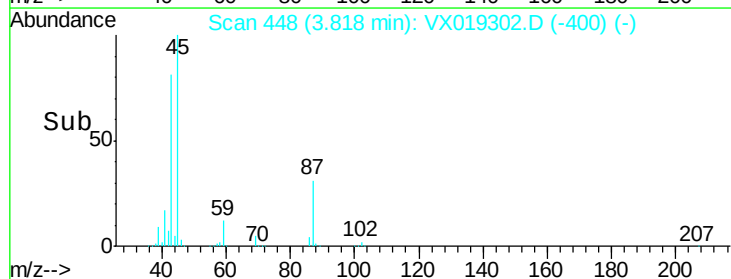
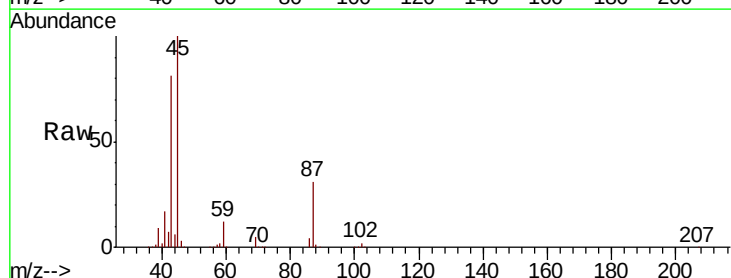
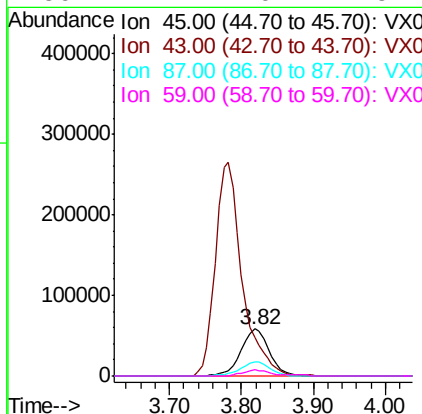
RT: 3.82 min Scan# 448

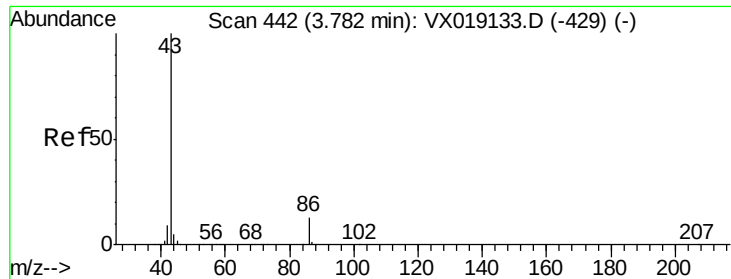
Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	45	Resp:	157747
Ion	Ratio	Lower	Upper
45	100		
43	80.5	56.2	84.4
87	30.6	26.2	39.2
59	12.4	10.1	15.1





#23

Vinyl Acetate

Concen: 103.460 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 43 Resp: 682952

Ion Ratio Lower Upper

43 100

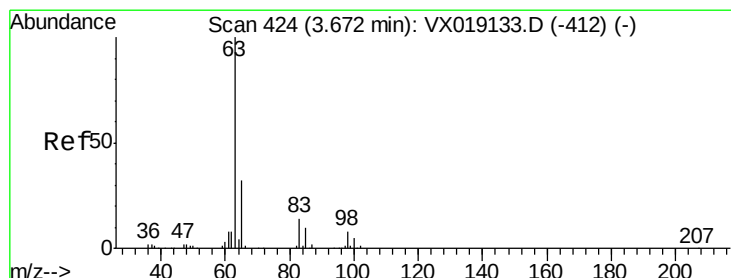
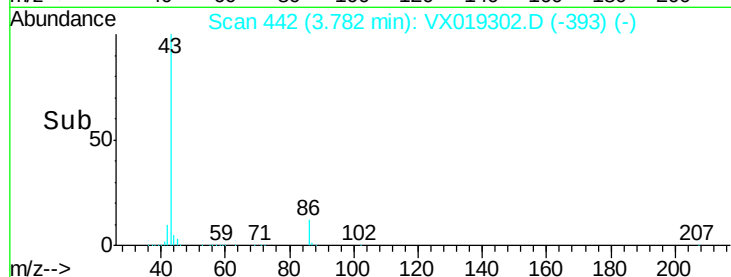
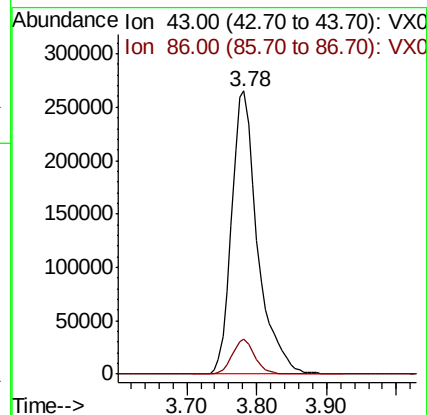
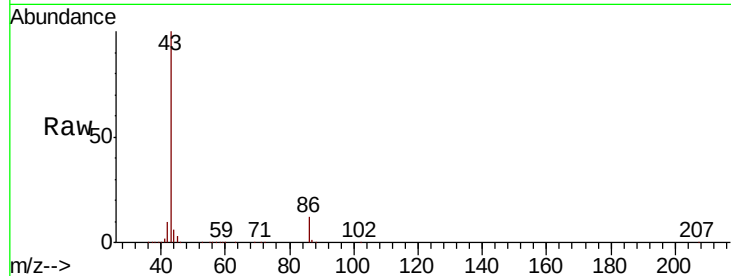
86 12.4 10.4 15.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 20.859 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

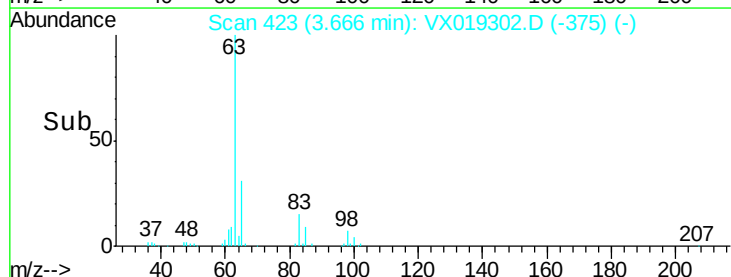
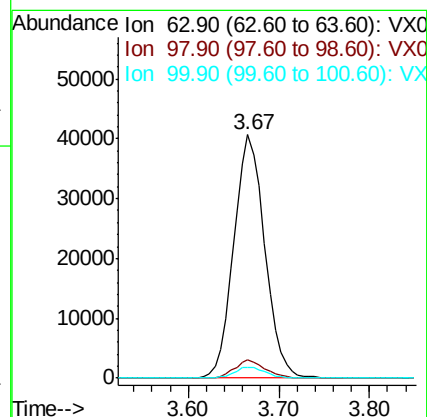
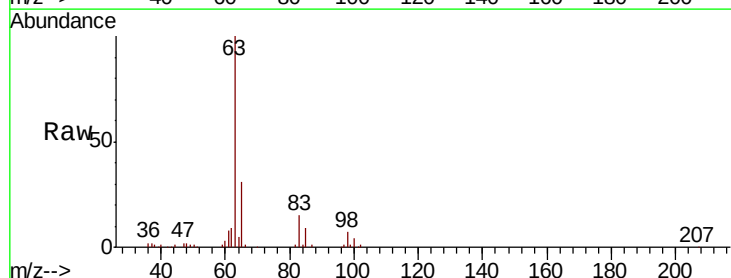
Tgt Ion: 63 Resp: 96405

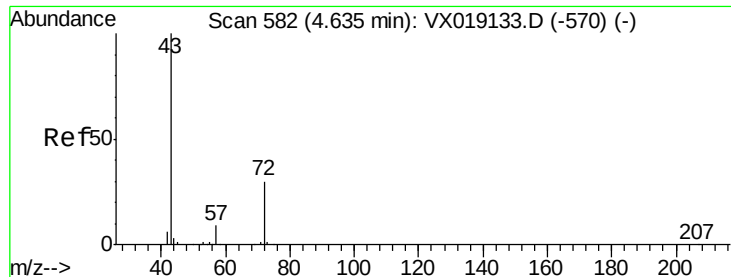
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 103.009 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 43 Resp: 182679

Ion Ratio Lower Upper

43 100

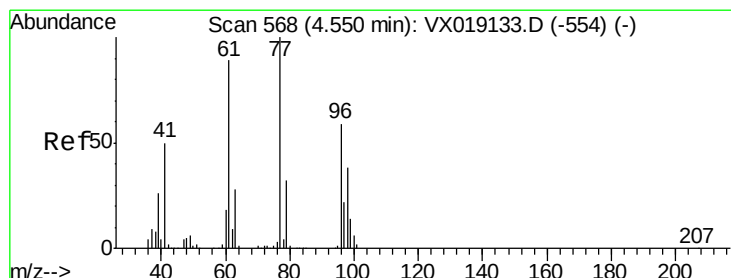
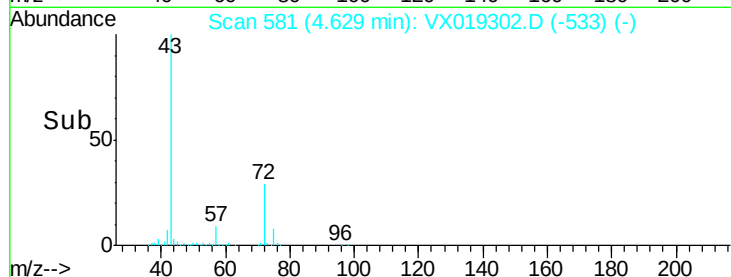
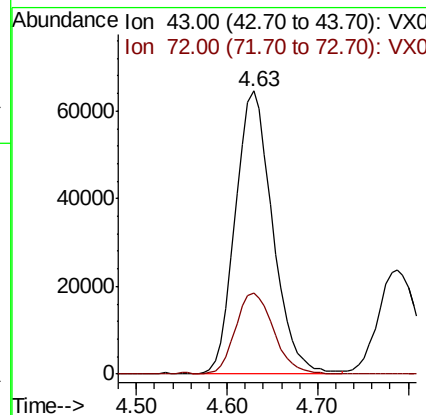
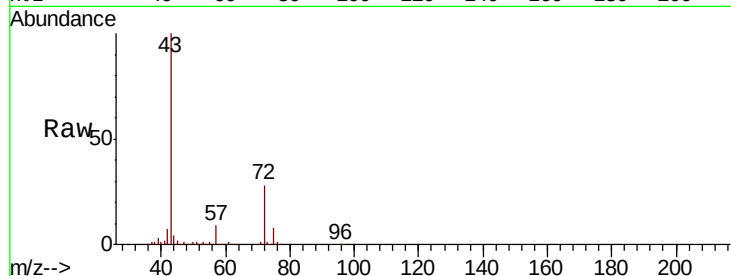
72 28.4 24.6 36.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.955 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX019302.D

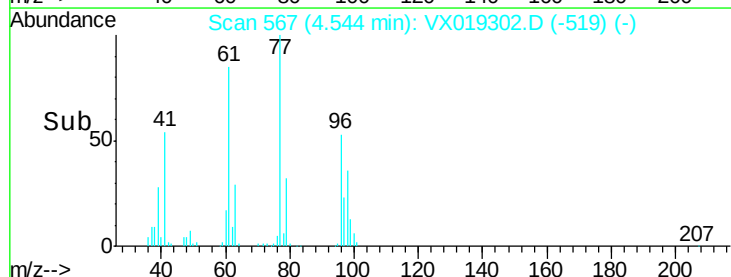
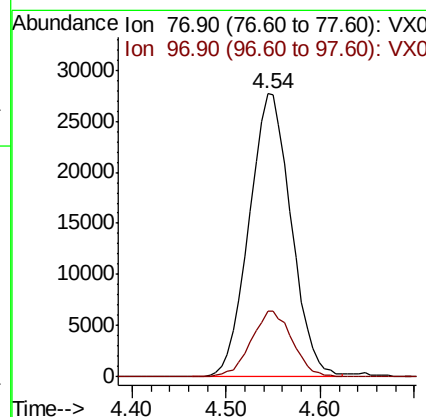
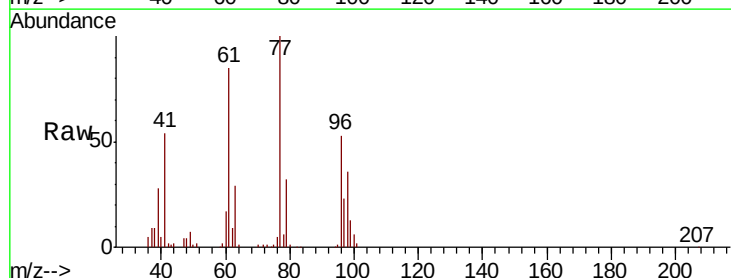
Acq: 05 Nov 2020 10:48

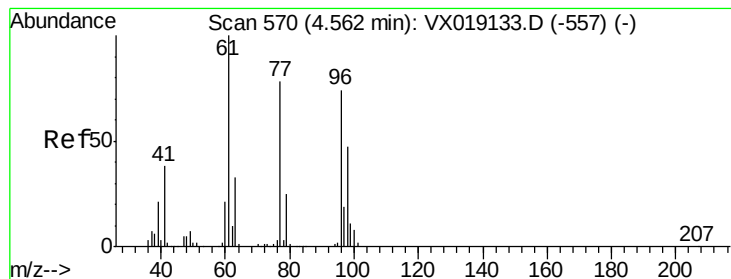
Tgt Ion: 77 Resp: 86702

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.1





#27

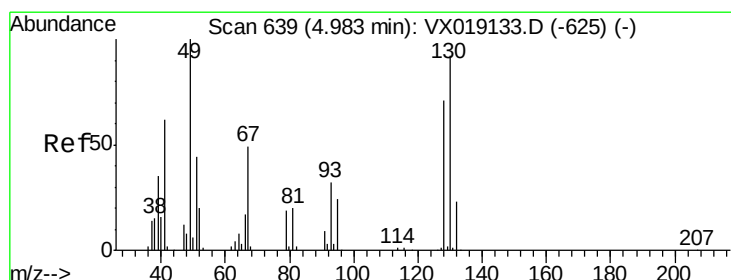
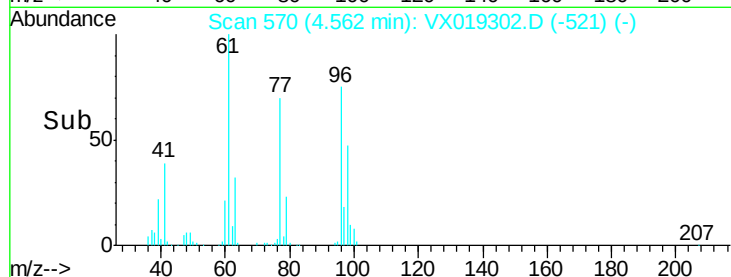
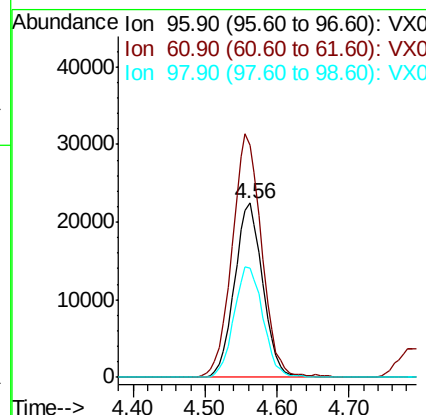
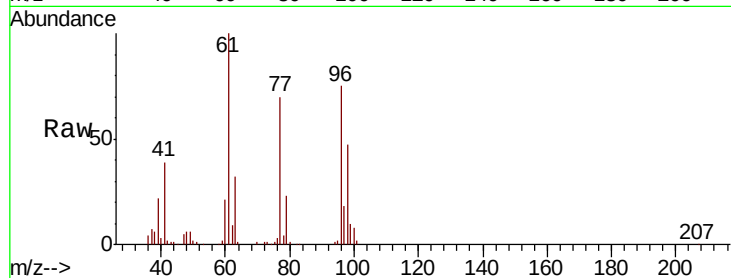
cis-1,2-Dichloroethene
Concen: 19.455 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	61337		
61	145.0		0.0	278.8
98	65.2		0.0	130.2

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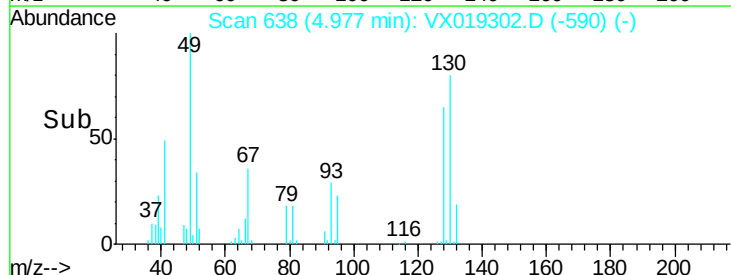
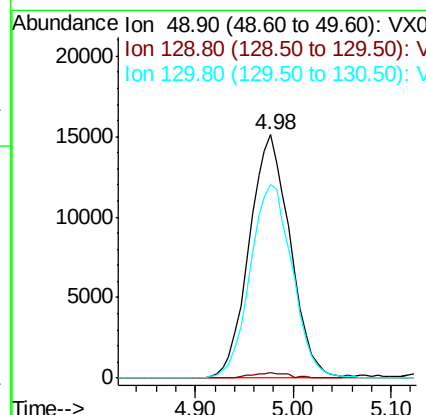
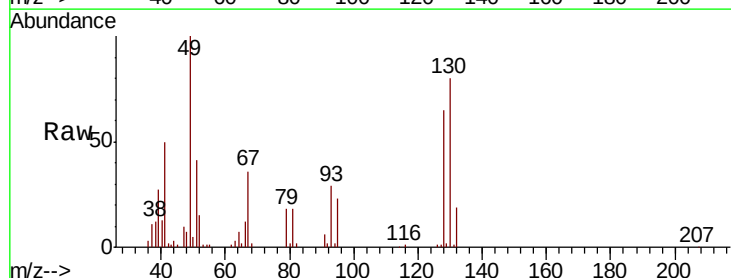
MMDadoda
11/6/2020 9:24:04 AM

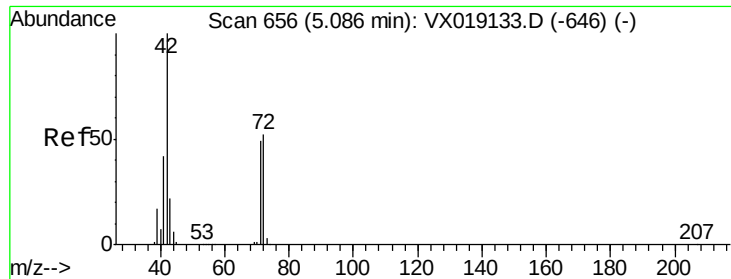


#28

Bromochloromethane
Concen: 20.872 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	43854		
129	1.8		0.0	4.4
130	81.8		71.3	106.9





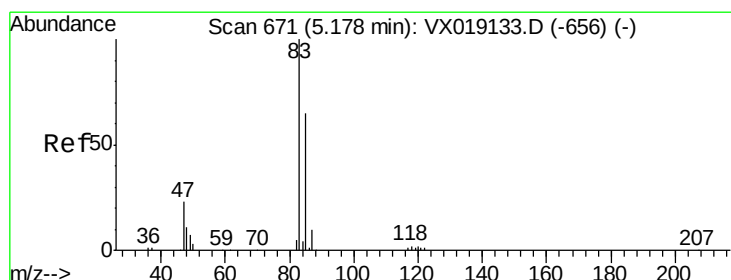
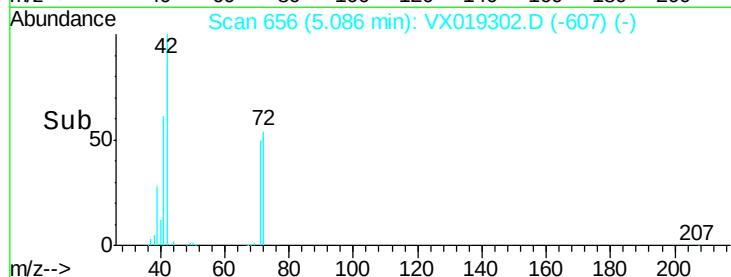
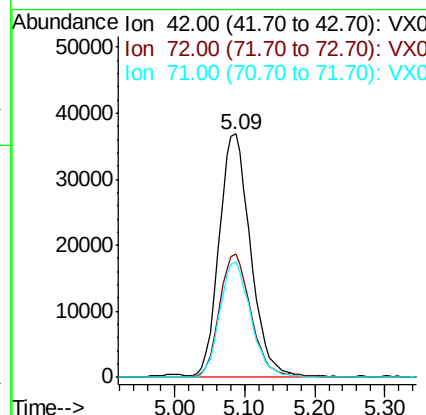
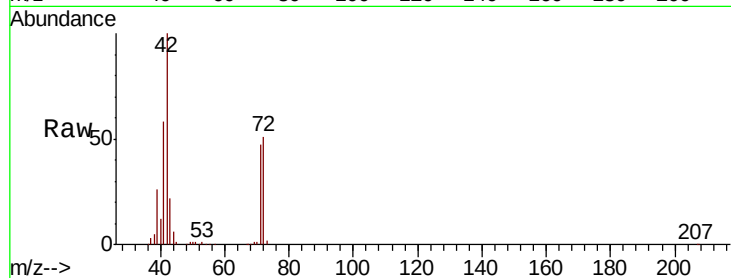
#29
Tetrahydrofuran
Concen: 102.293 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	42.6	63.8
71	47.3	39.7	59.5

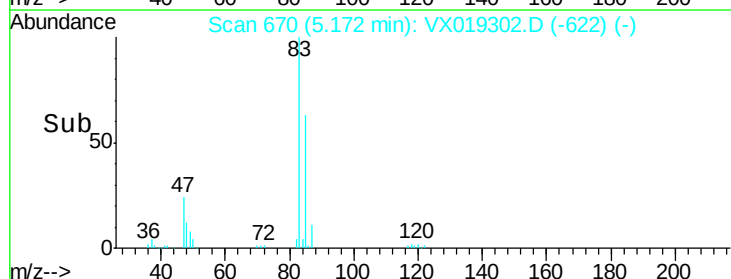
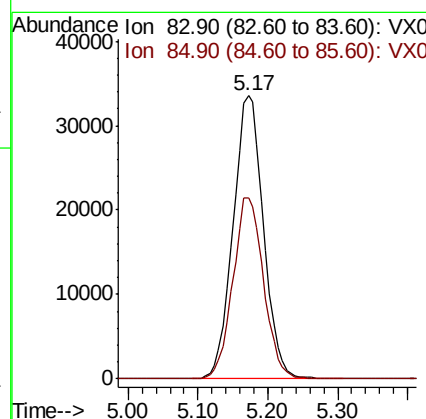
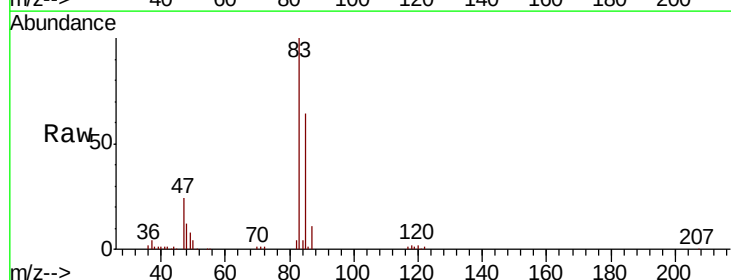
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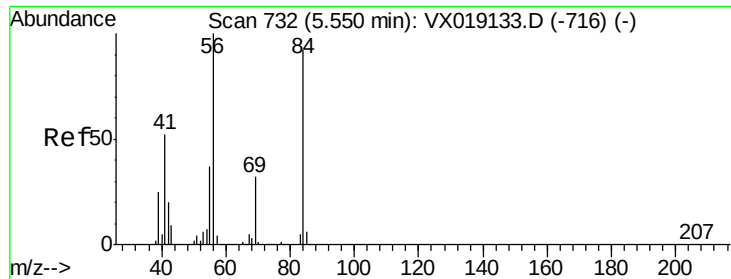
MMDadoda
11/6/2020 9:24:04 AM



#30
Chloroform
Concen: 20.526 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9





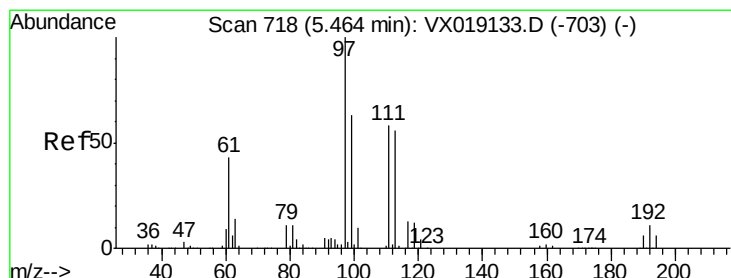
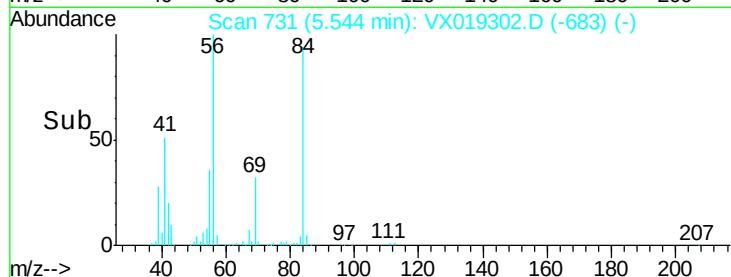
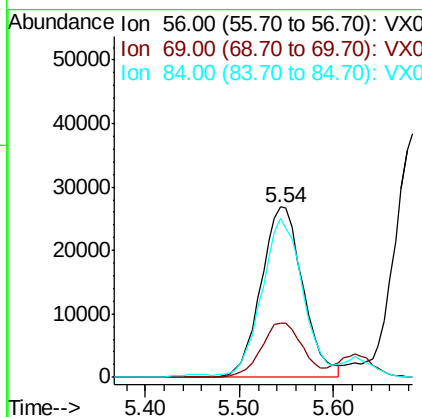
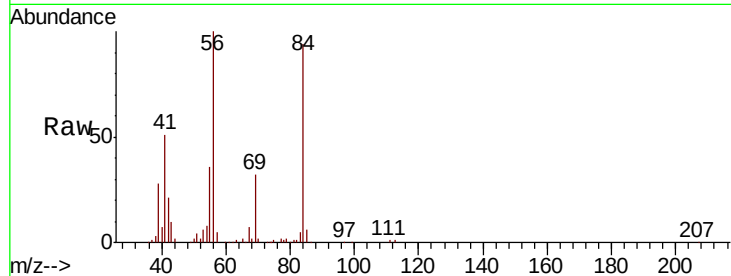
#31
Cyclohexane
Concen: 20.262 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.8	25.9	38.9
84	92.1	73.4	110.2

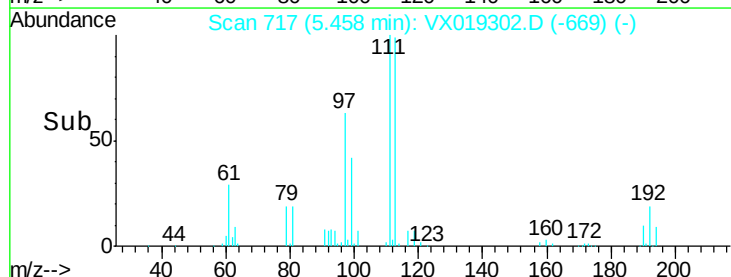
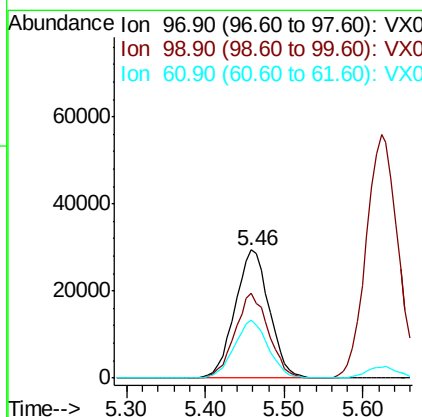
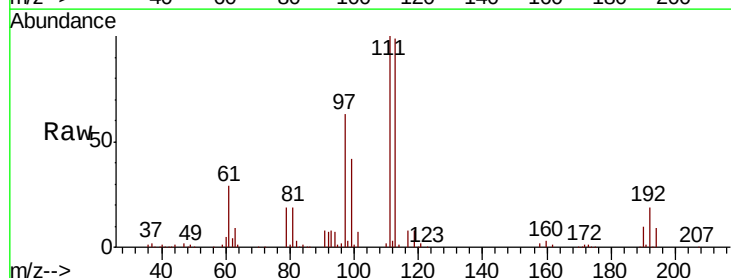
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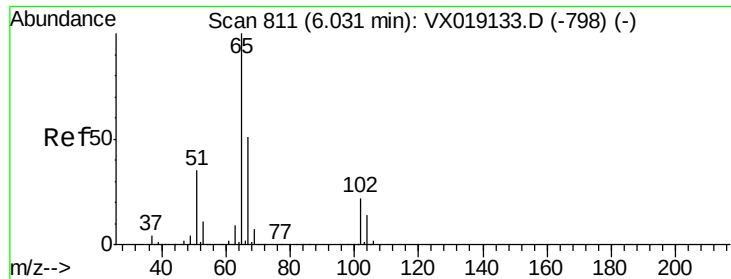
MMDadoda
11/6/2020 9:24:04 AM



#32
1,1,1-Trichloroethane
Concen: 19.859 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.7	77.5
61	45.0	34.2	51.2





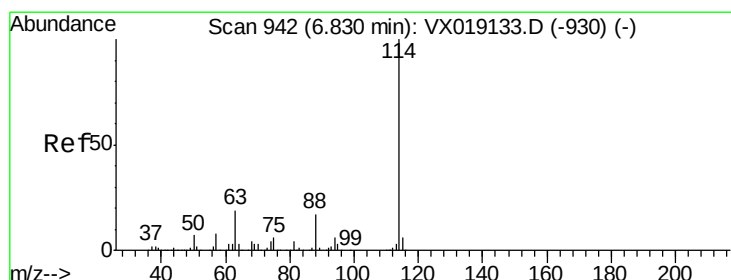
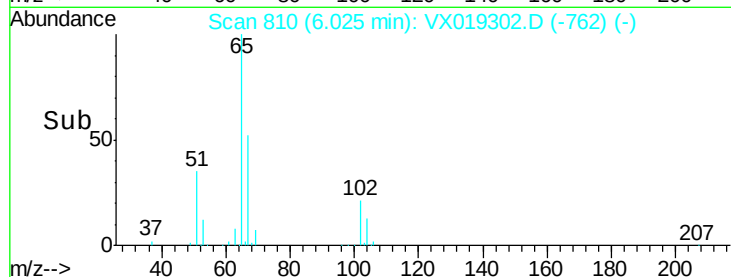
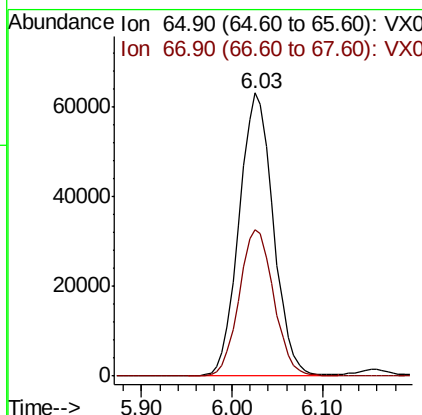
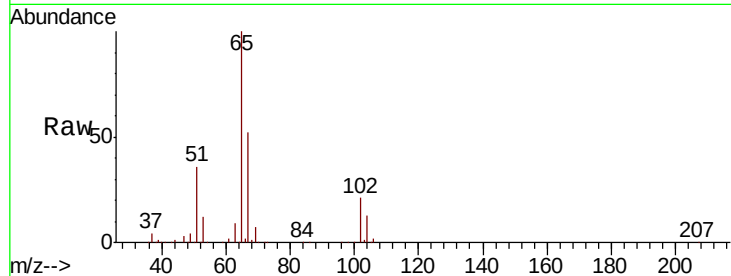
#33
 1,2-Dichloroethane-d4
 Concen: 50.802 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.0

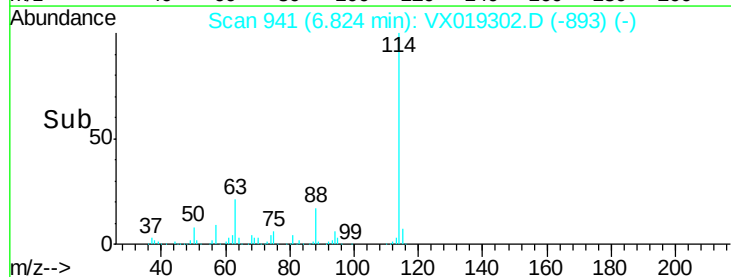
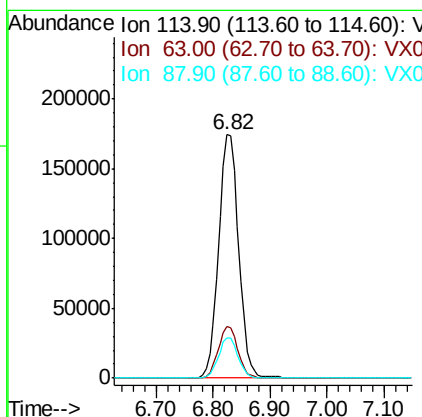
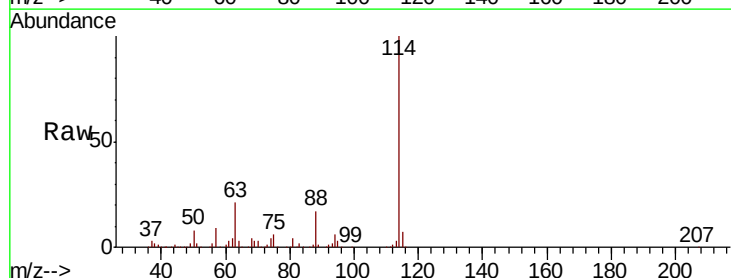
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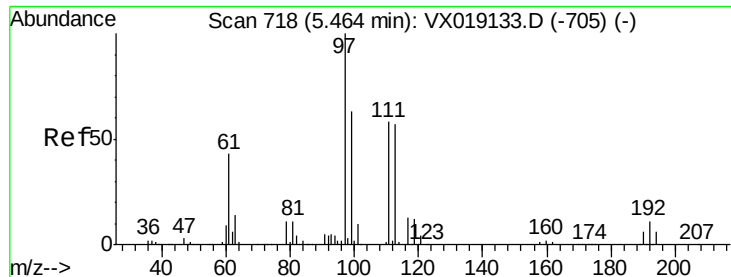
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 11/6/2020 9:24:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	38.8
88	16.6	0.0	34.2





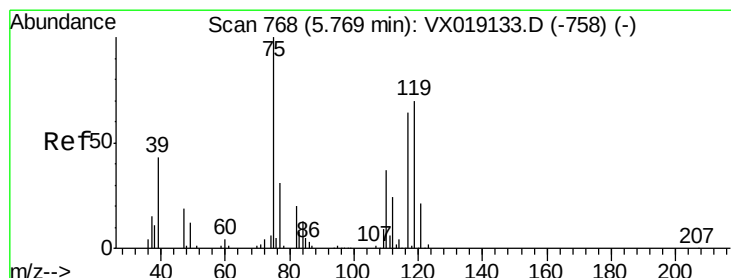
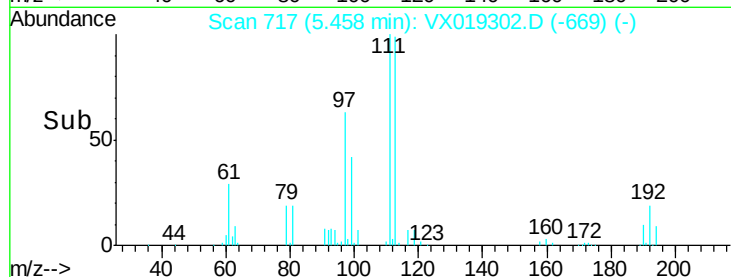
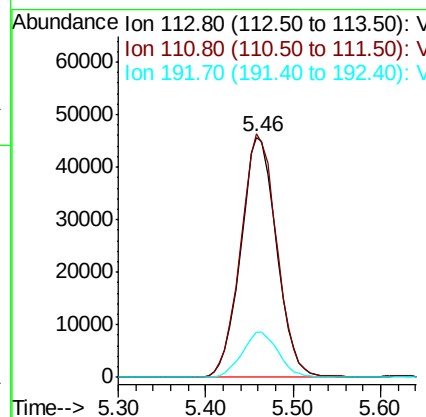
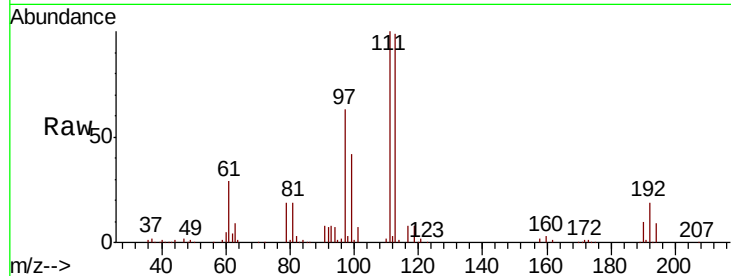
#35
 Dibromofluoromethane
 Concen: 48.642 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	130044		
111	102.3	82.3	123.5	
192	19.1	16.2	24.2	

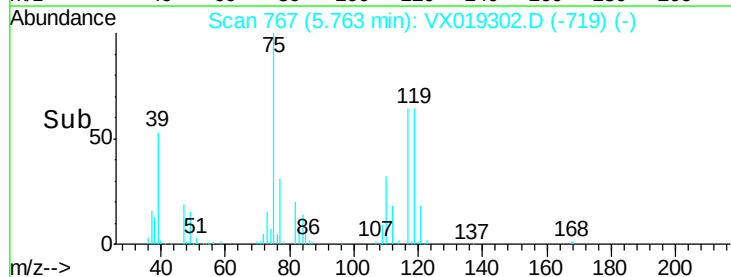
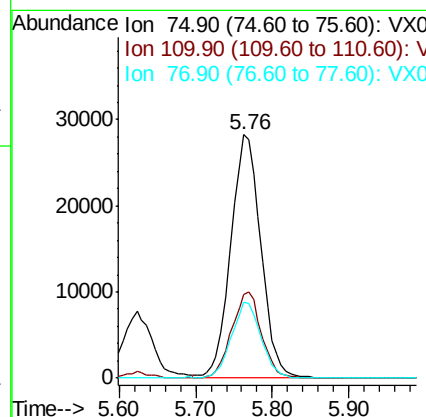
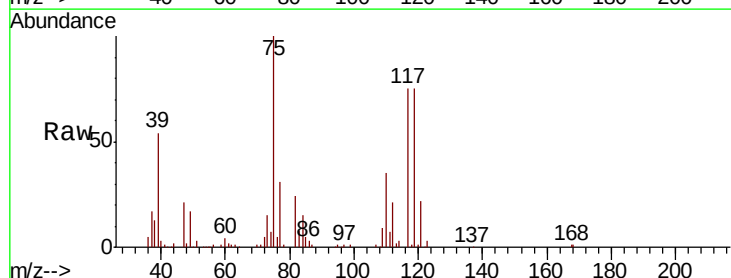
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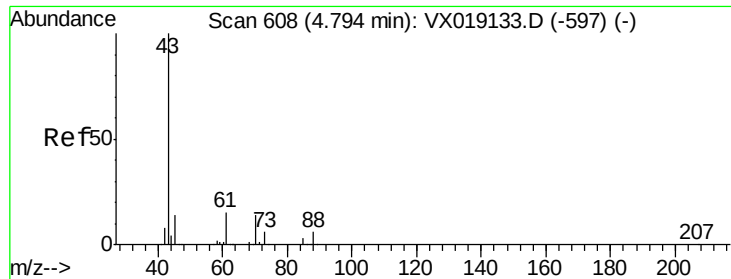
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 11/6/2020 9:24:04 AM



#36
 1,1-Dichloropropene
 Concen: 19.414 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	76302		
110	35.0	18.3	54.9	
77	30.8	24.9	37.3	





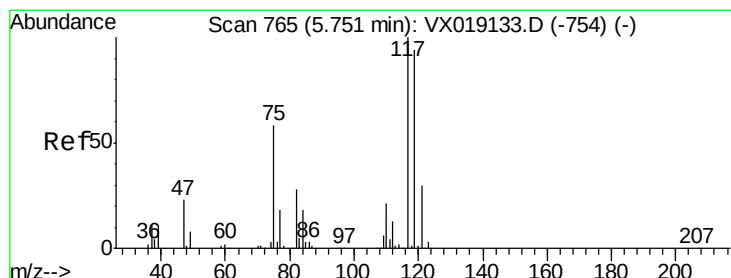
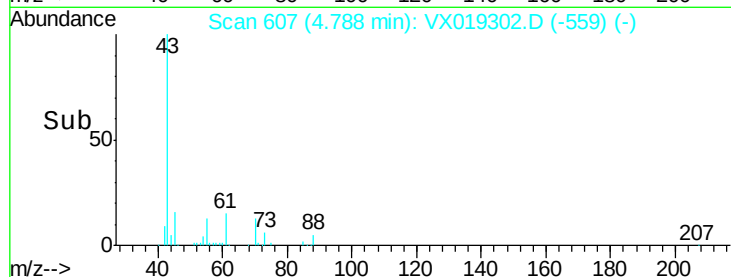
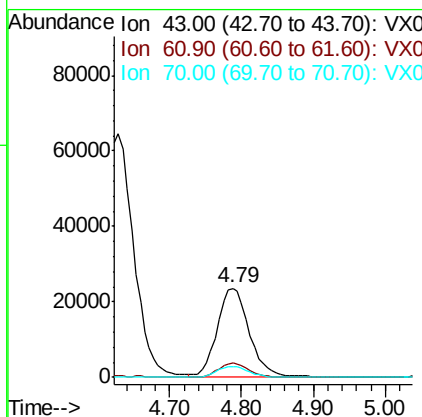
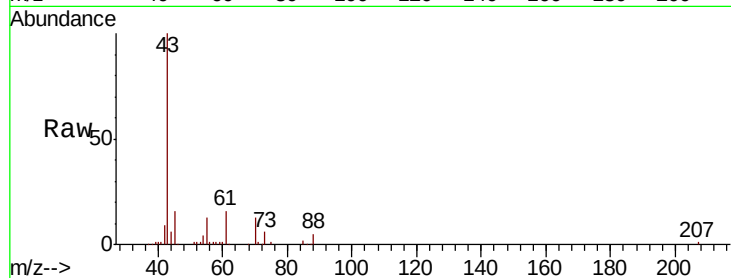
#37
Ethyl Acetate
Concen: 19.836 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.5	18.7
70	12.1	10.5	15.7

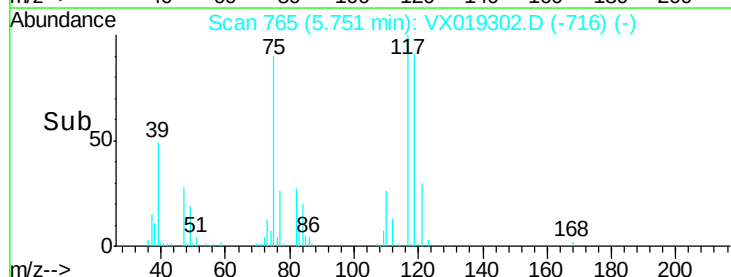
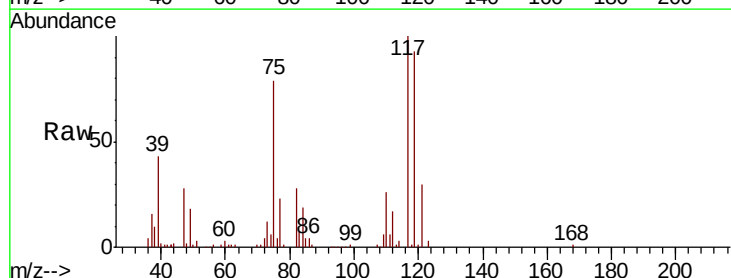
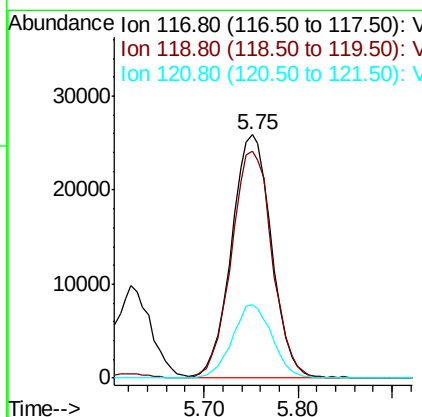
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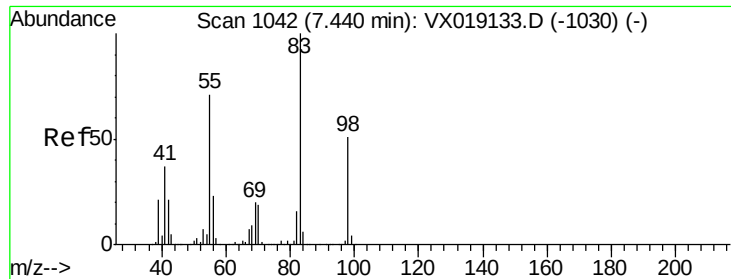
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#38
Carbon Tetrachloride
Concen: 19.107 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.0	112.6
121	30.4	23.9	35.9





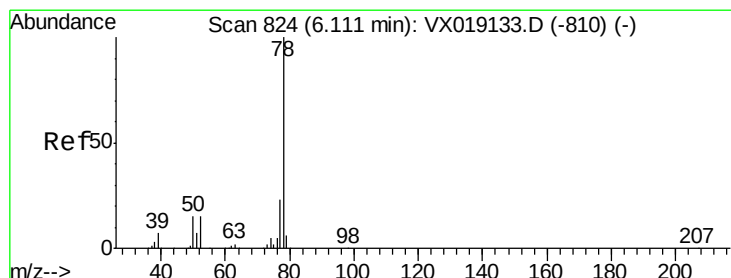
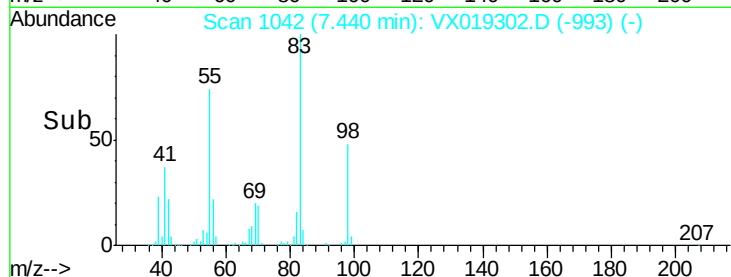
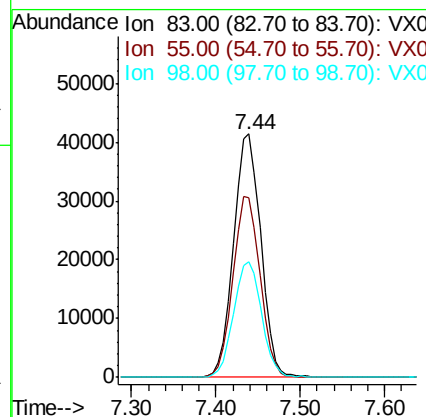
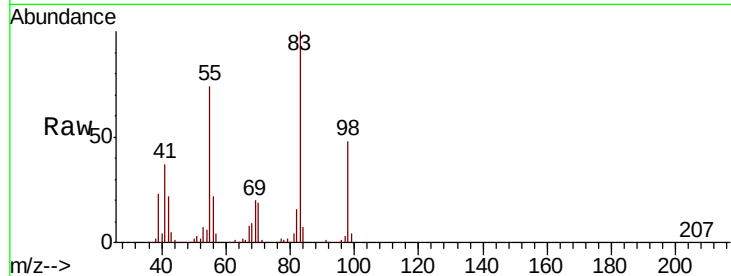
#39
Methylvlcyclohexane
Concen: 19.375 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.0	57.0	85.6
98	47.7	40.5	60.7

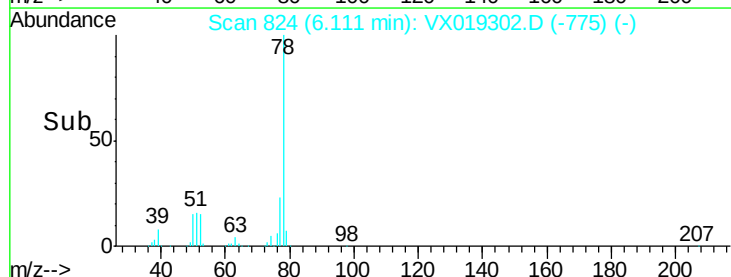
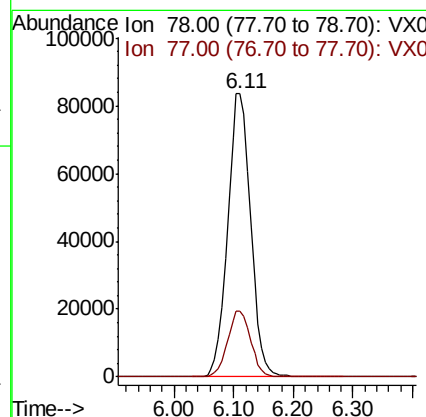
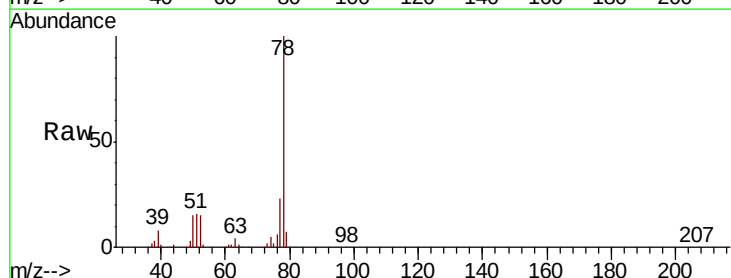
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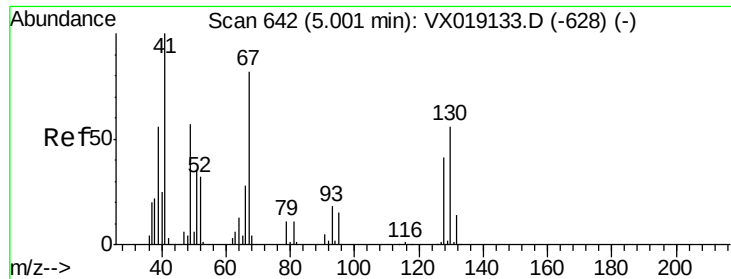
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#40
Benzene
Concen: 20.127 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.7	28.1





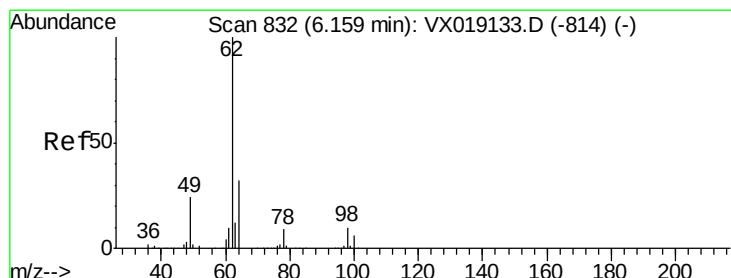
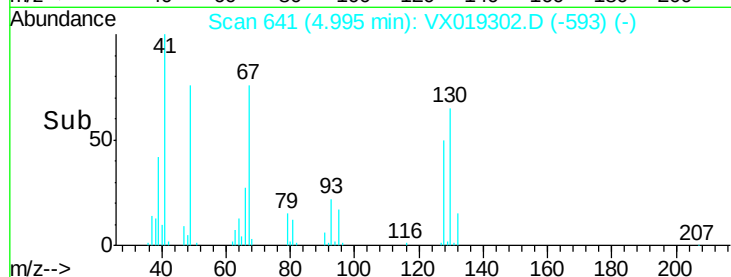
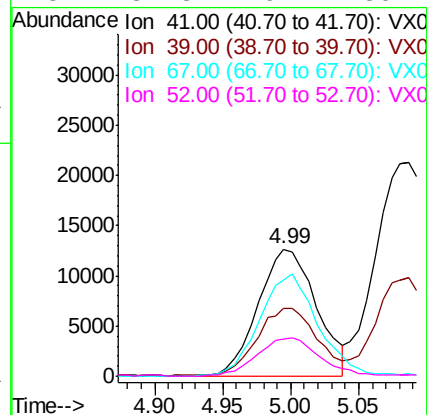
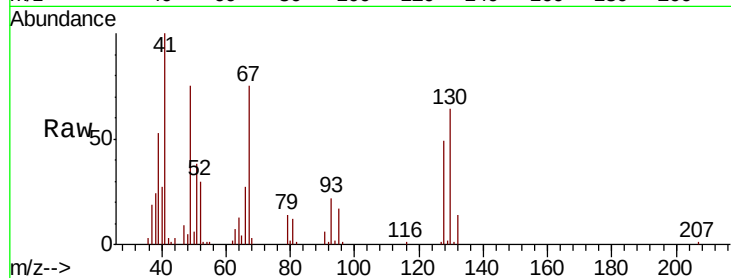
#41
Methacrylonitrile
Concen: 19.340 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ion	Ratio	Lower	Upper
38007	41	100		
	39	55.5	44.4	66.6
	67	80.4	66.4	99.6
	52	32.3	26.2	39.4

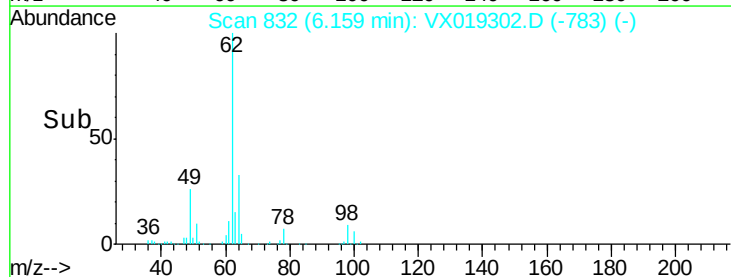
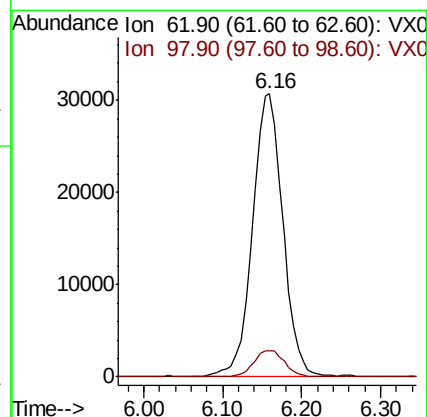
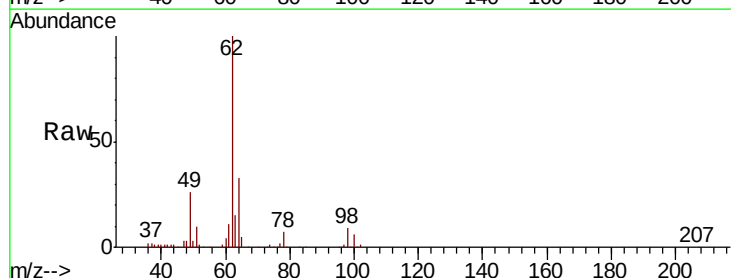
Manual Integrations
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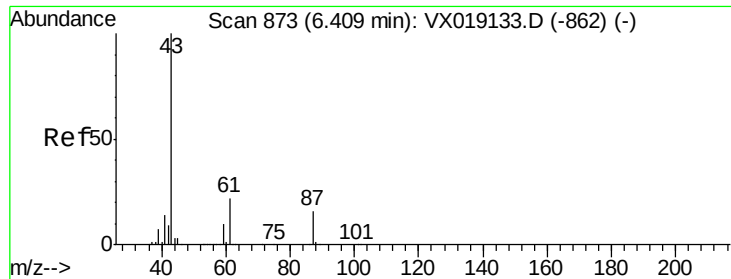
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#42
1,2-Dichloroethane
Concen: 20.023 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
82233	62	100		
	98	9.4	0.0	19.0





#43

Isopropyl Acetate

Concen: 19.397 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

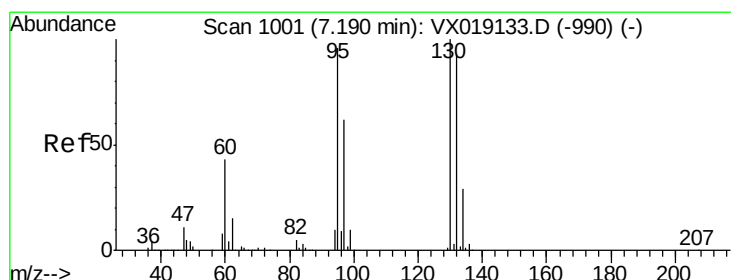
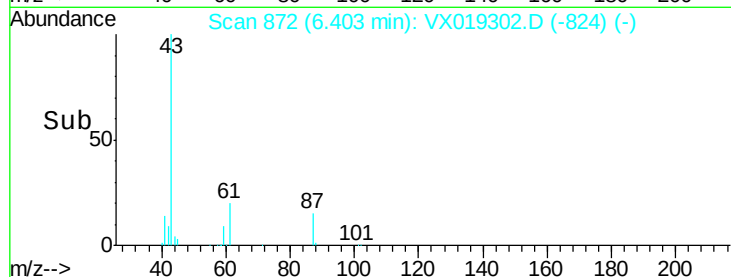
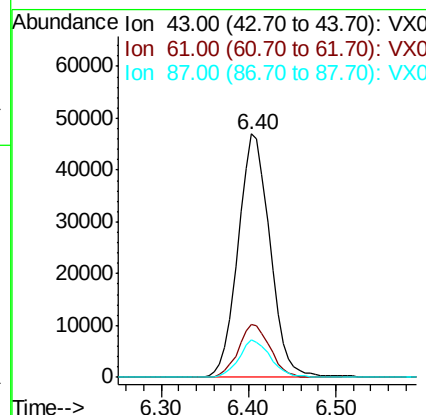
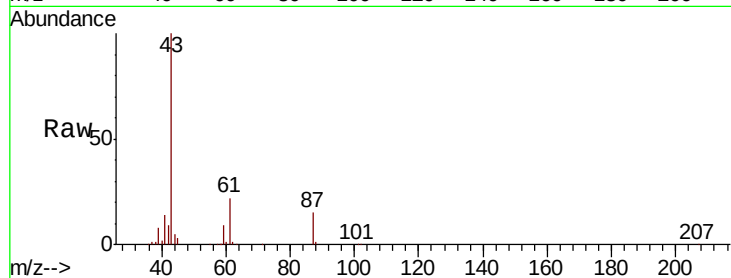
ClientSampleId :

VX1106WBS02

Tot Ion:	43	Resp:	118524
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.8	26.6
87	15.3	12.6	19.0

Manual Integrations
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#44

Trichloroethene

Concen: 18.655 ug/l

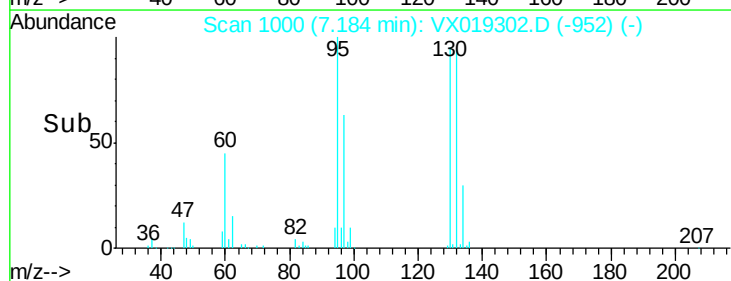
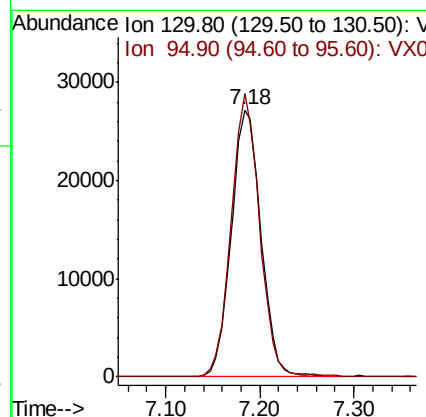
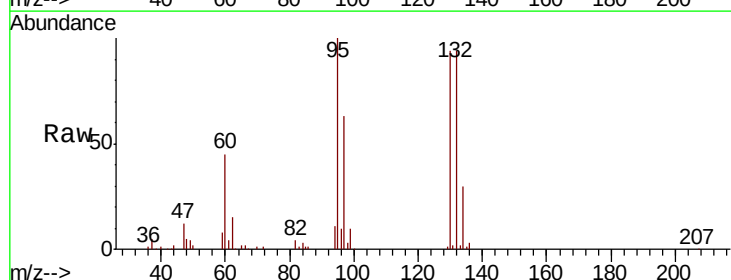
RT: 7.18 min Scan# 1000

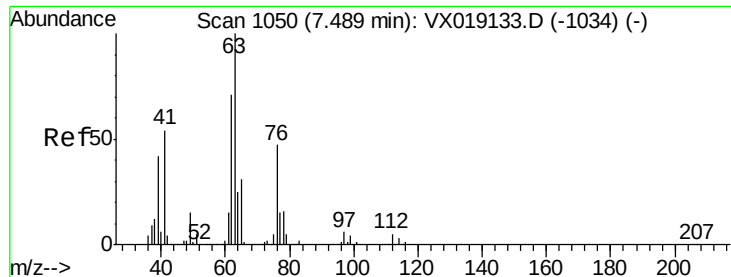
Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	130	Resp:	59536
Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	192.0





#45

1,2-Dichloropropane

Concen: 20.559 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 63 Resp: 56116

Ion Ratio Lower Upper

63 100

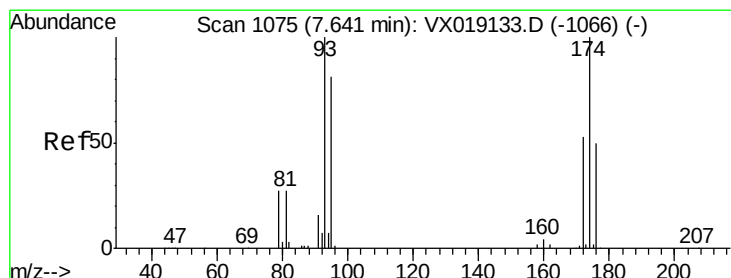
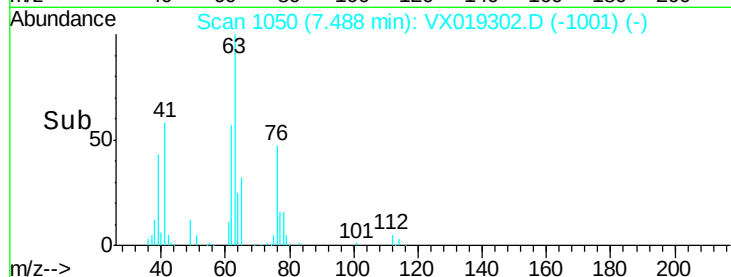
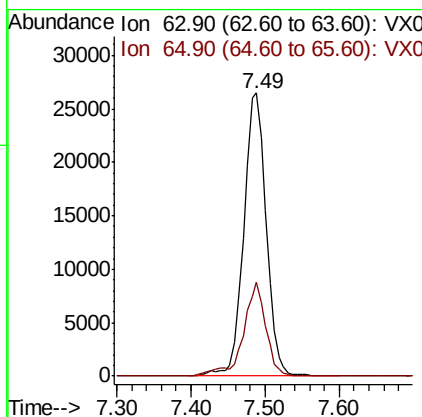
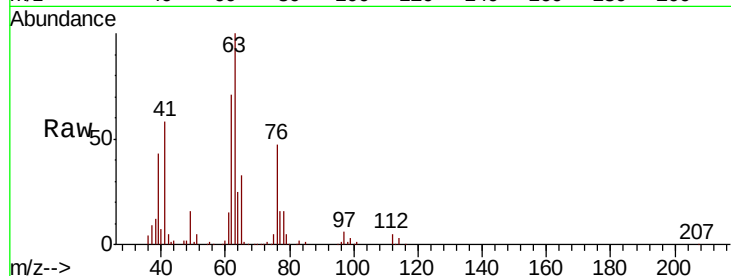
65 33.4 25.2 37.8

Manual Integrations

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#46

Dibromomethane

Concen: 19.267 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

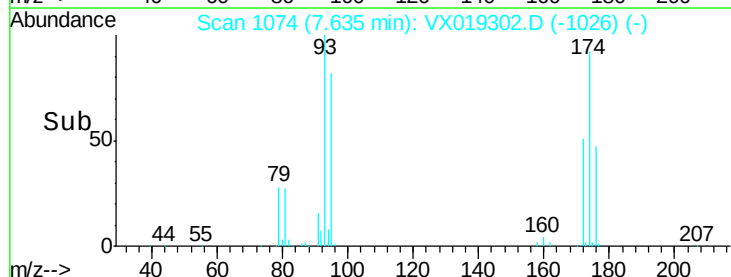
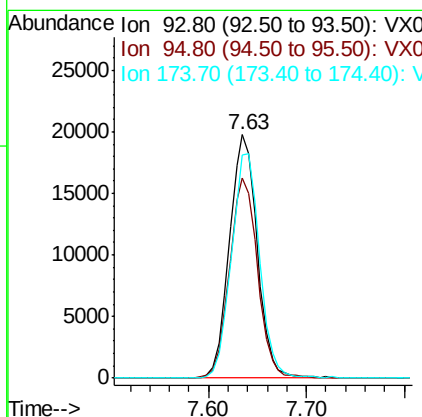
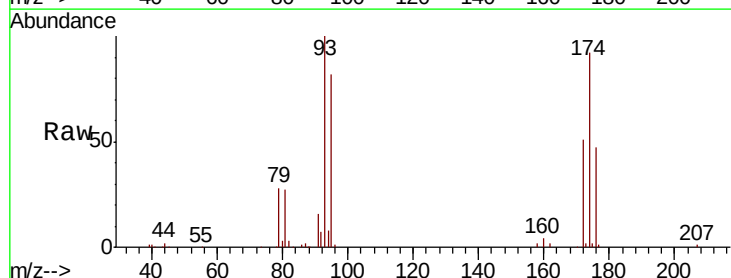
Tgt Ion: 93 Resp: 38887

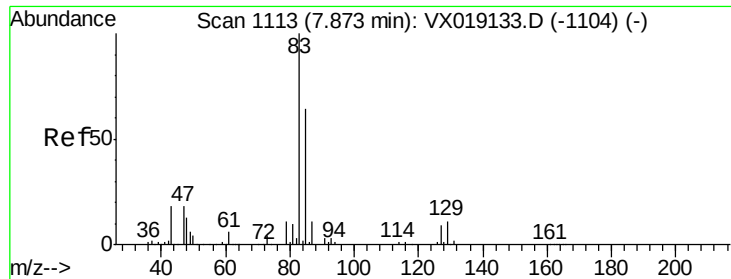
Ion Ratio Lower Upper

93 100

95 83.2 67.0 100.6

174 94.1 81.7 122.5





#47

Bromodichloromethane

Concen: 19.364 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

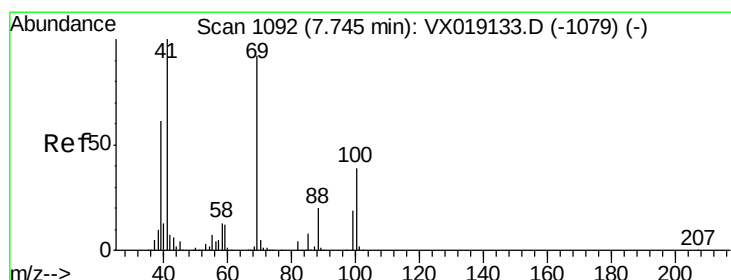
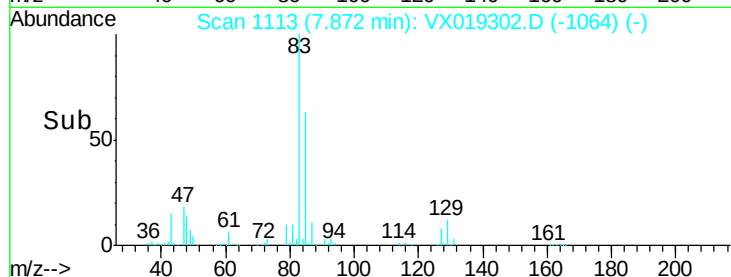
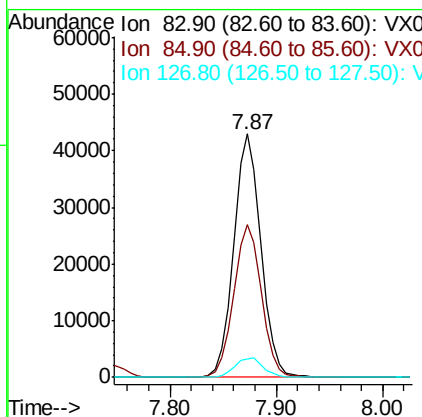
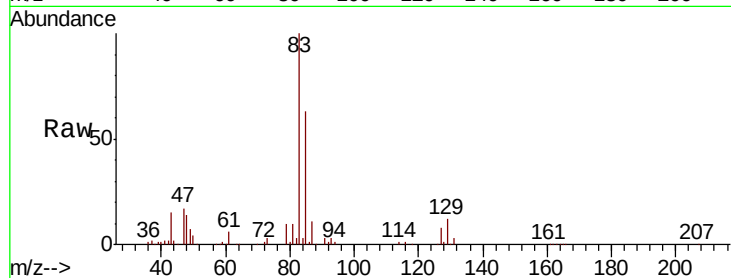
ClientSampleId :

VX1106WBS02

Tot Ion:	83	Resp:	77037
Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.2	76.8
127	7.8	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.226 ug/l

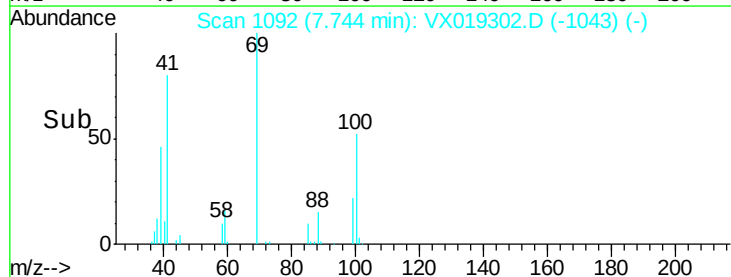
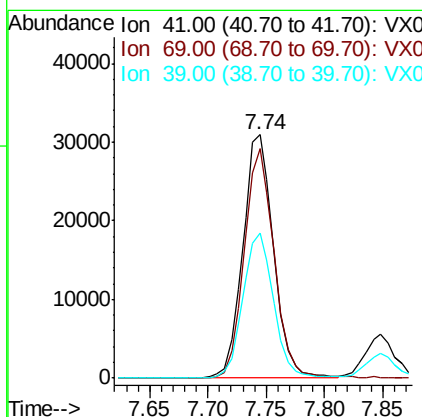
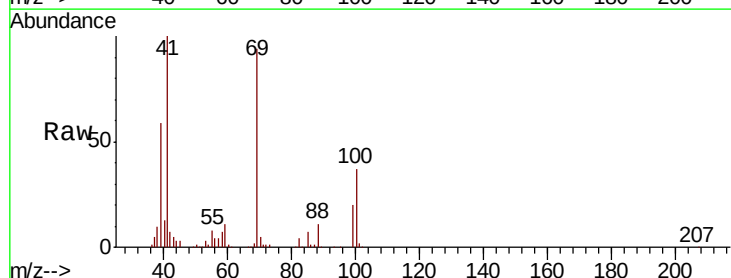
RT: 7.74 min Scan# 1092

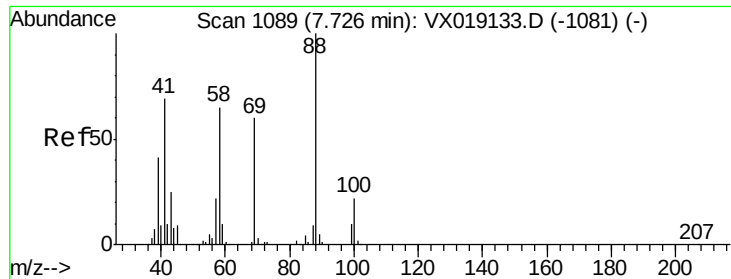
Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	41	Resp:	56542
Ion	Ratio	Lower	Upper
41	100		
69	92.9	75.5	113.3
39	60.1	48.9	73.3





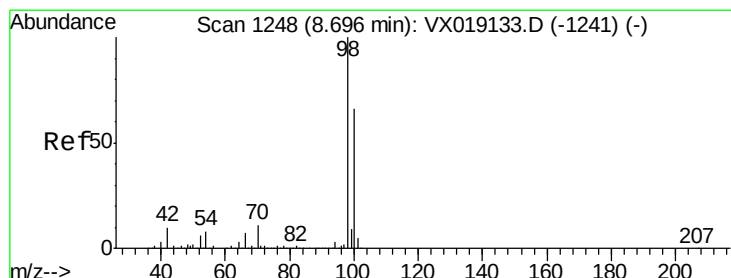
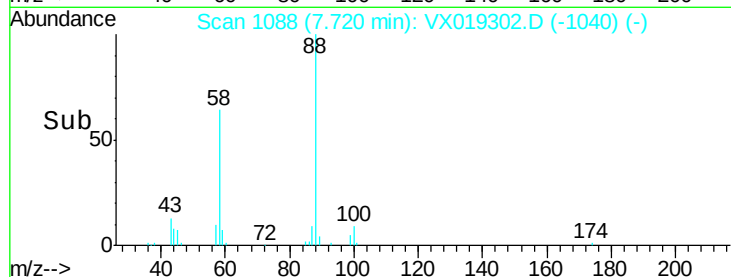
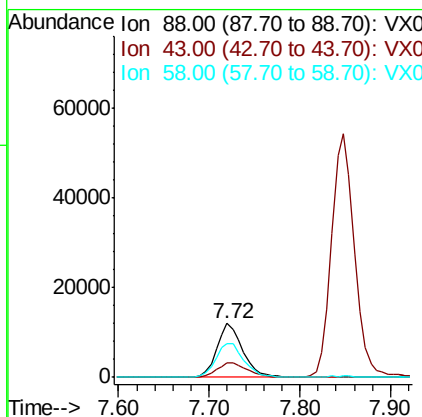
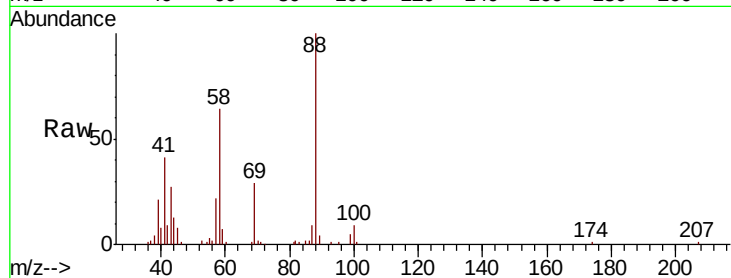
#49
1,4-Dioxane
Concen: 367.669 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. -0.01 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	88	Resp	24047
Ion Ratio	Lower	Upper	
88	100		
43	31.3	23.0	34.6
58	69.4	52.2	78.2

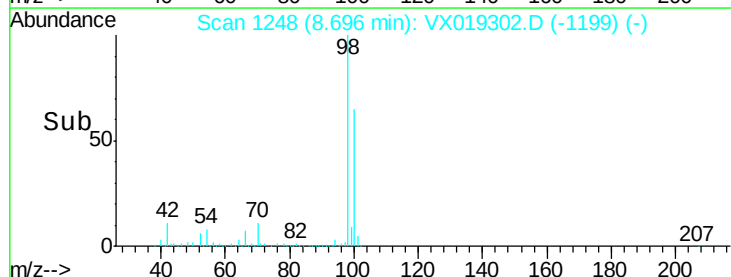
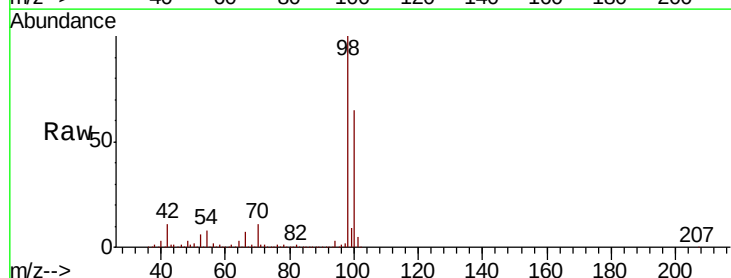
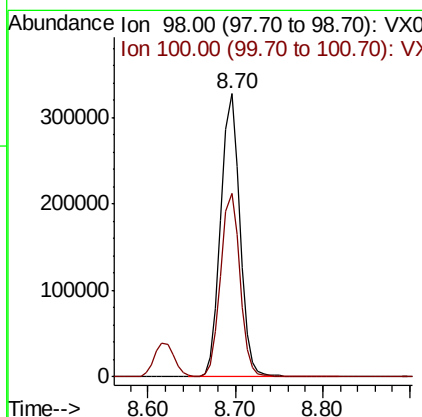
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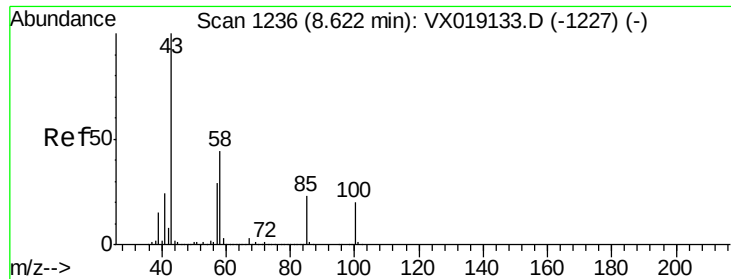
MMDadoda
11/6/2020 9:24:04 AM



#50
Toluene-d8
Concen: 49.255 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	98	Resp	496402
Ion Ratio	Lower	Upper	
98	100		
100	65.6	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 101.155 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 43 Resp: 355249

Ion Ratio Lower Upper

43 100

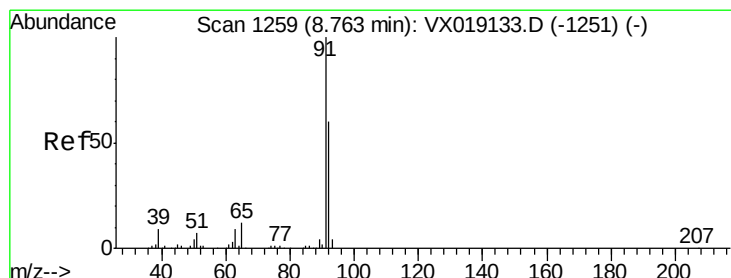
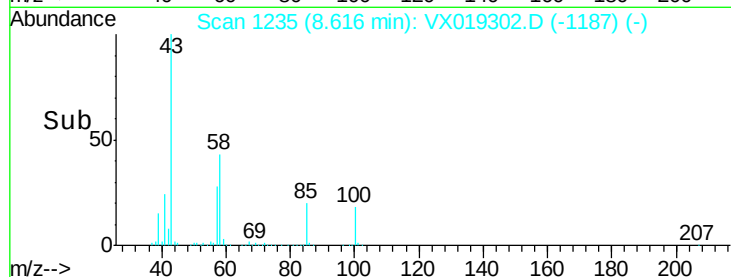
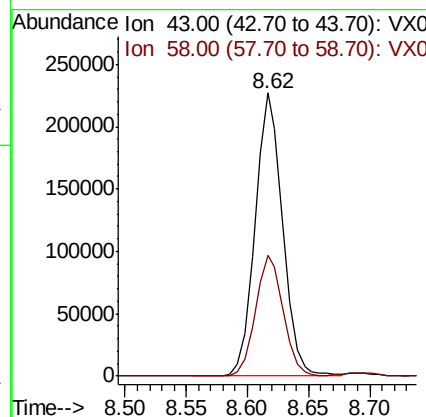
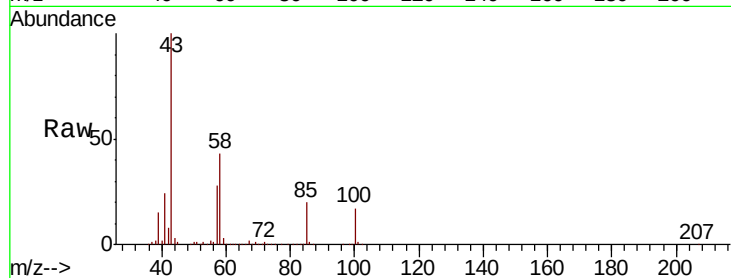
58 43.1 35.0 52.4

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#52

Toluene

Concen: 19.648 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019302.D

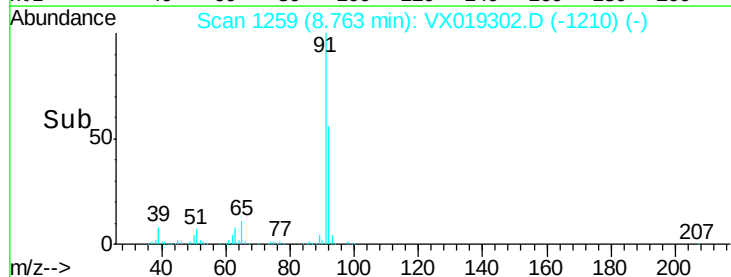
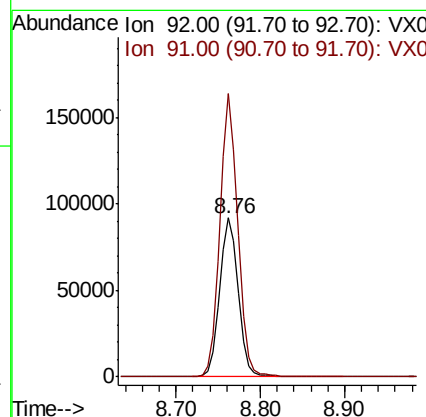
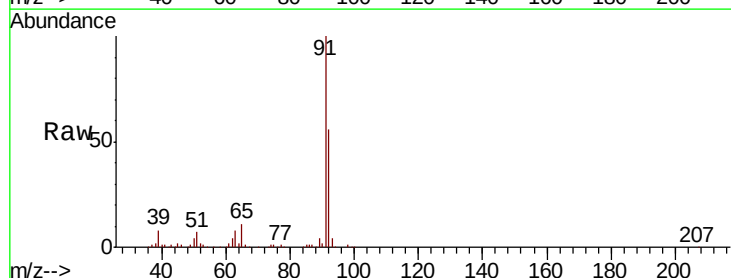
Acq: 05 Nov 2020 10:48

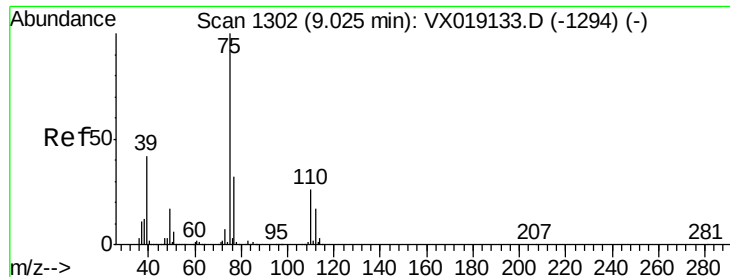
Tgt Ion: 92 Resp: 141020

Ion Ratio Lower Upper

92 100

91 171.4 136.3 204.5





#53

t-1,3-Dichloropropene

Concen: 18.229 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 75 Resp: 82834

Ion Ratio Lower Upper

75 100

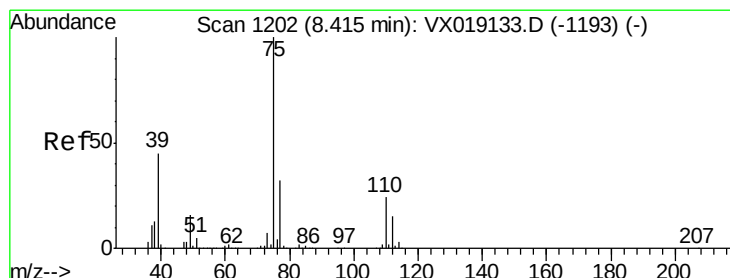
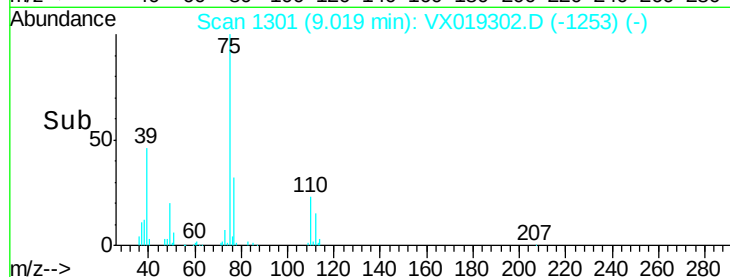
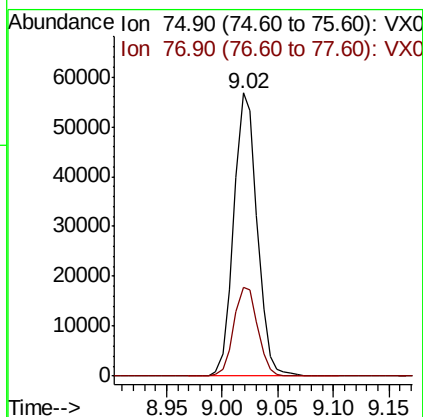
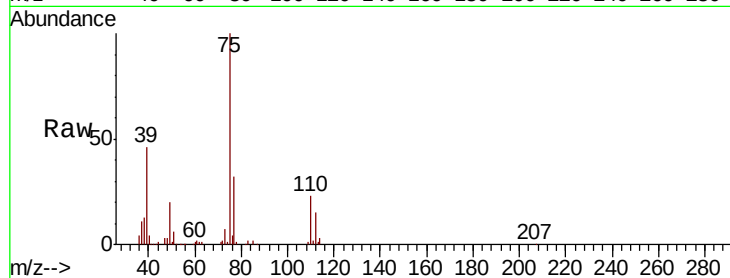
77 31.4 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 19.116 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

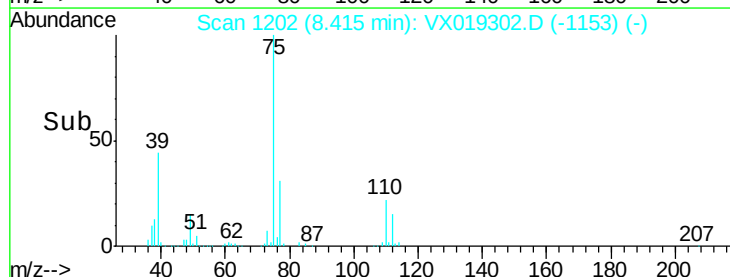
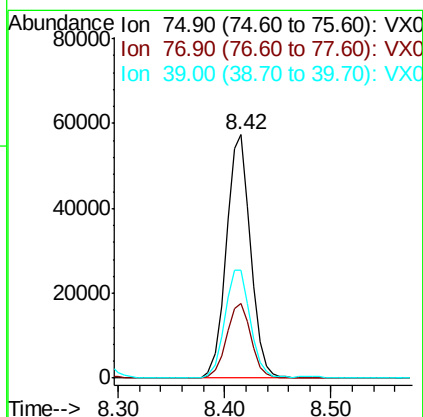
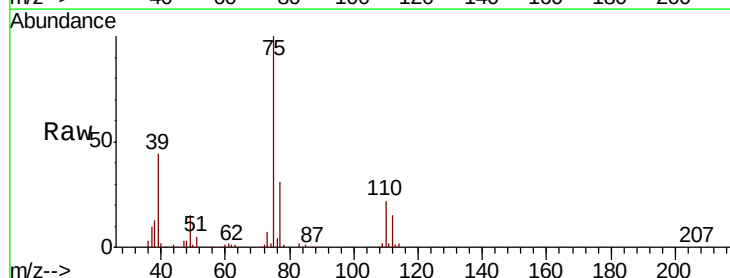
Tgt Ion: 75 Resp: 91343

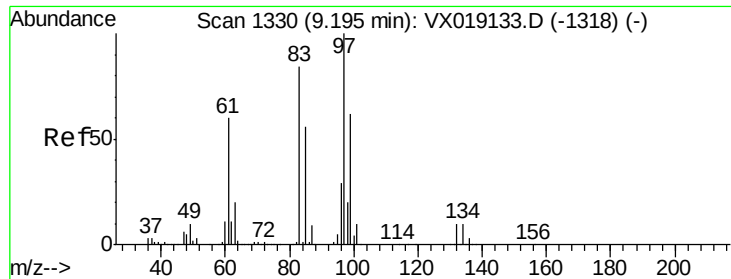
Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

39 44.3 36.2 54.2





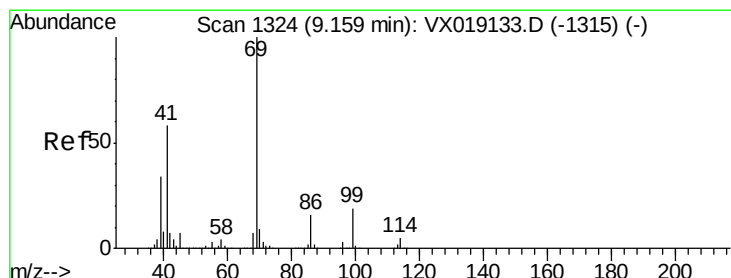
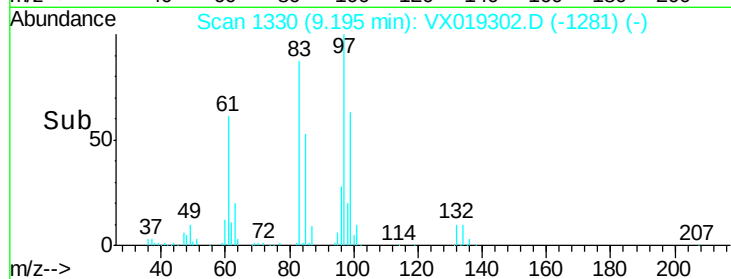
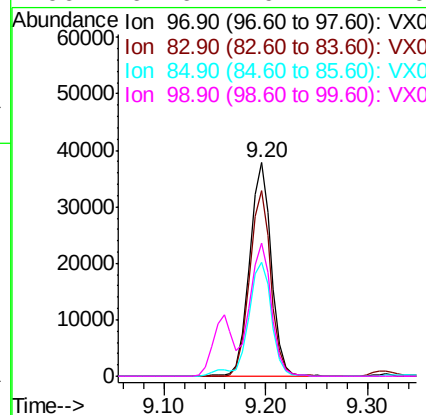
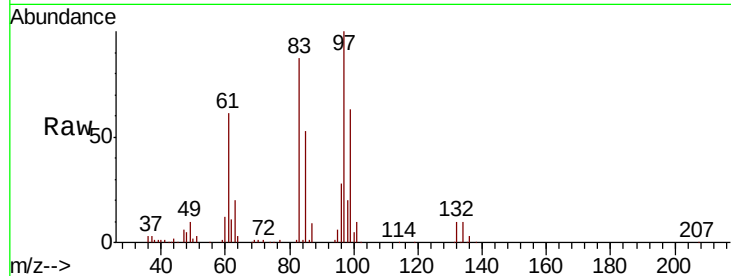
#55
 1,1,2-Trichloroethane
 Concen: 19.695 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	97	Resp:	55852
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.2	100.8
85	53.3	44.6	67.0
99	62.6	49.4	74.0

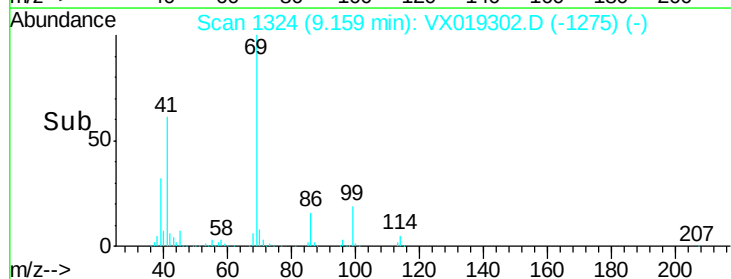
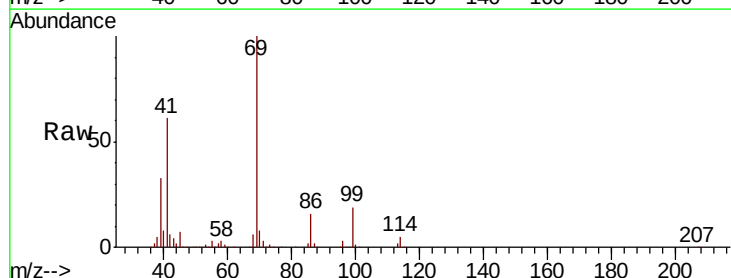
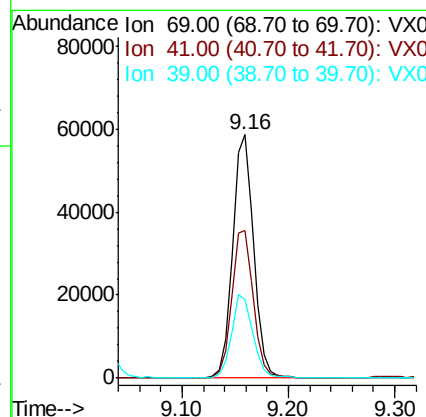
Manual Integrations
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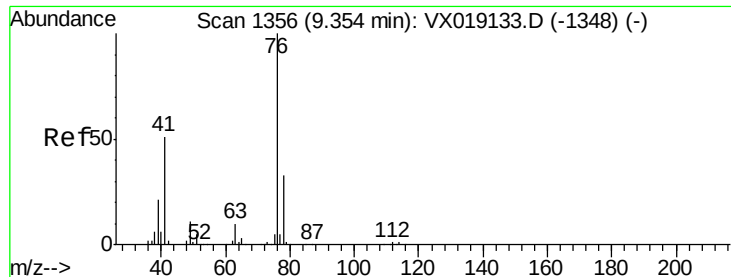
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#56
 Ethyl methacrylate
 Concen: 19.068 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	69	Resp:	81677
Ion	Ratio	Lower	Upper
69	100		
41	62.7	46.5	69.7
39	34.6	27.6	41.4





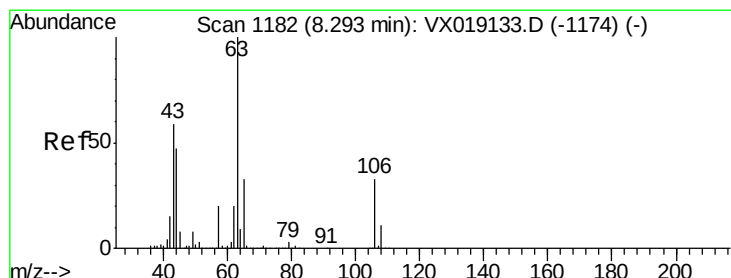
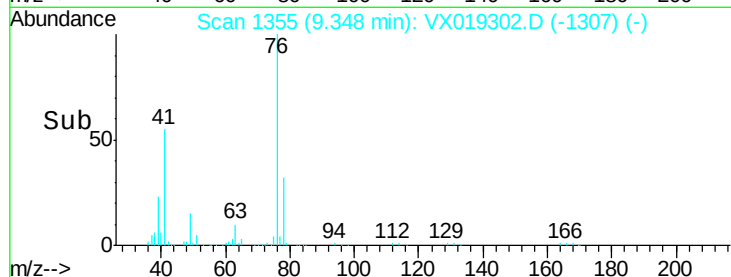
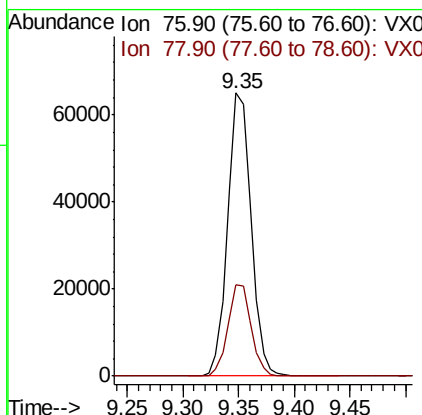
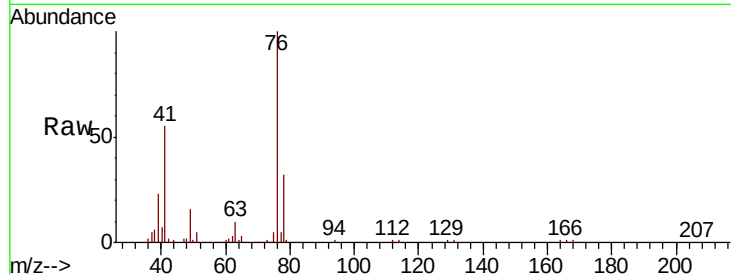
#57
 1,3-Dichloropropane
 Concen: 19.917 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.9	38.9

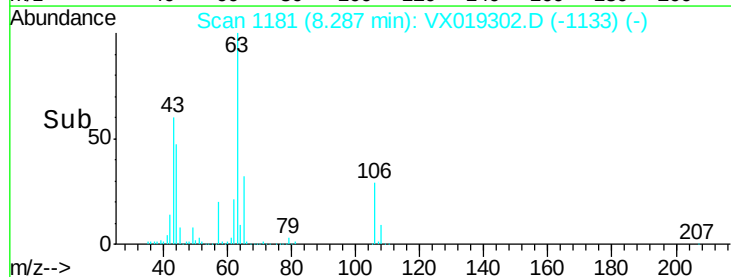
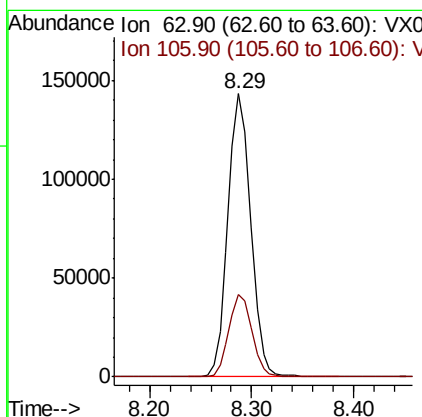
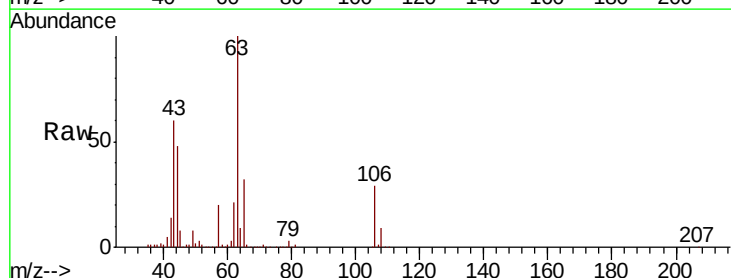
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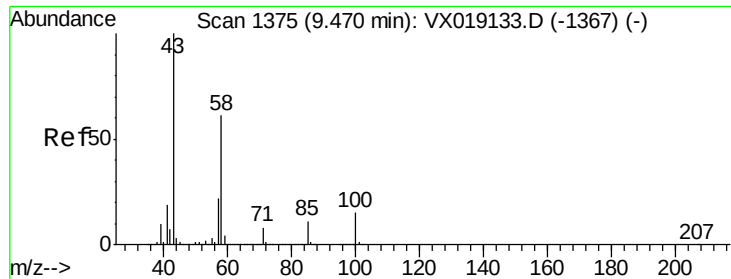
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.905 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	25.1	37.7





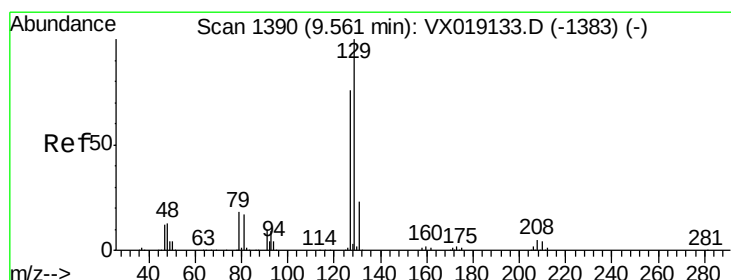
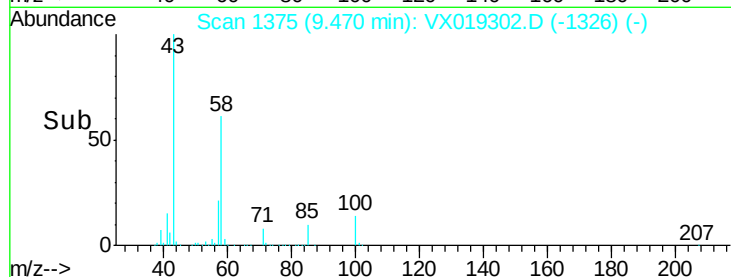
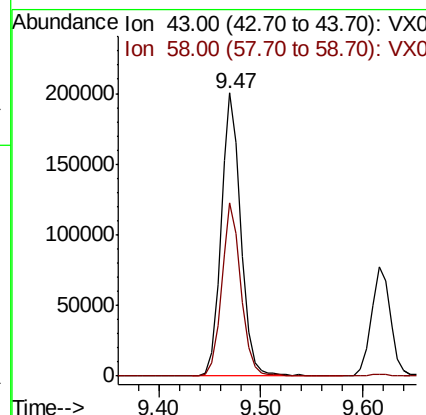
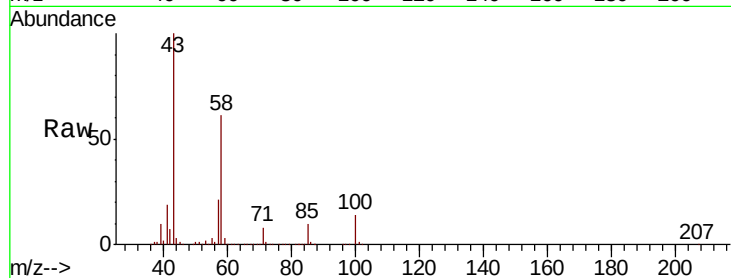
#59
2-Hexanone
Concen: 101.461 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	59.9	30.5	91.5

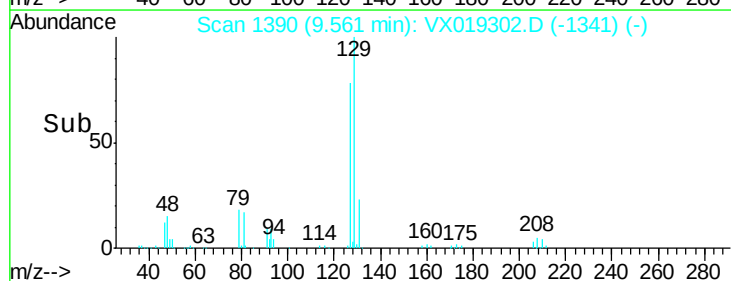
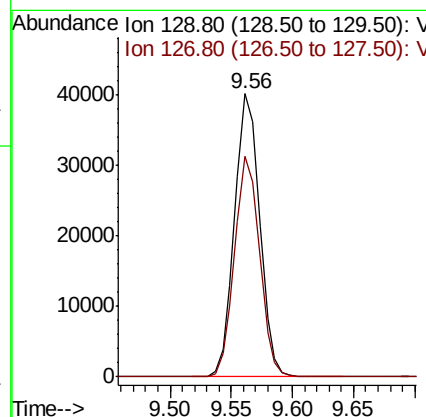
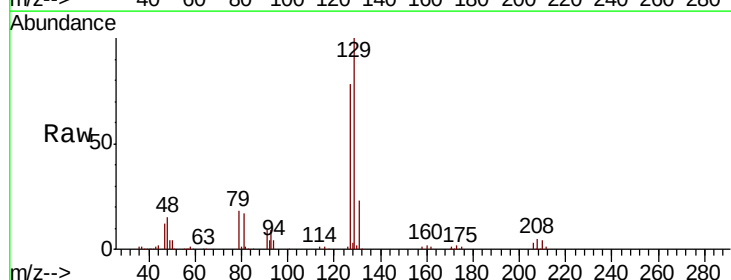
Manual Integrations
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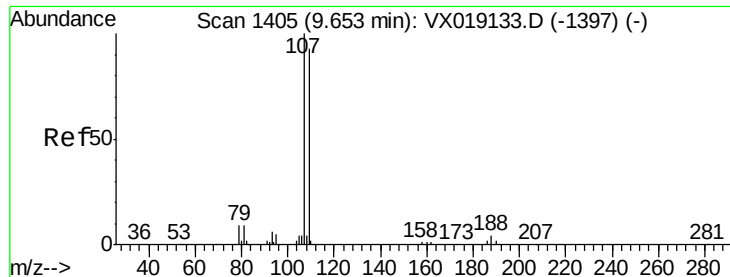
MMDadoda
11/6/2020 9:24:04 AM



#60
Dibromochloromethane
Concen: 18.502 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.7	38.6	115.8





#61

1,2-Dibromoethane

Concen: 19.302 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 107 Resp: 58534

Ion Ratio Lower Upper

107 100

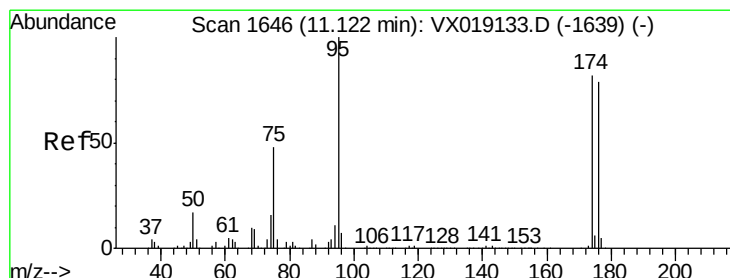
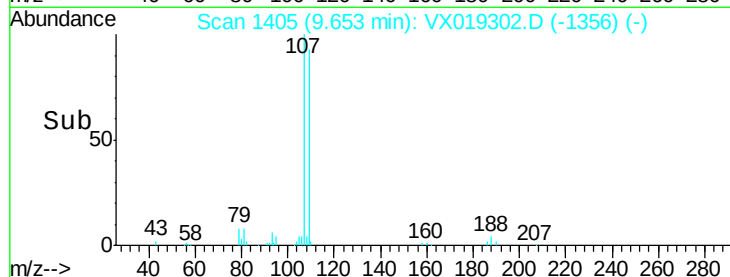
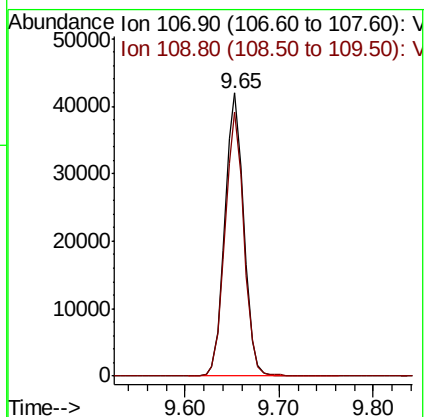
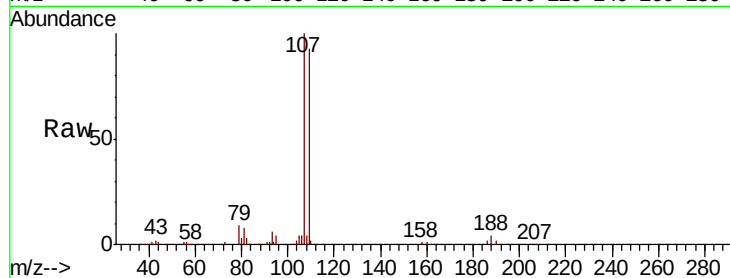
109 93.2 75.9 113.9

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 48.585 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

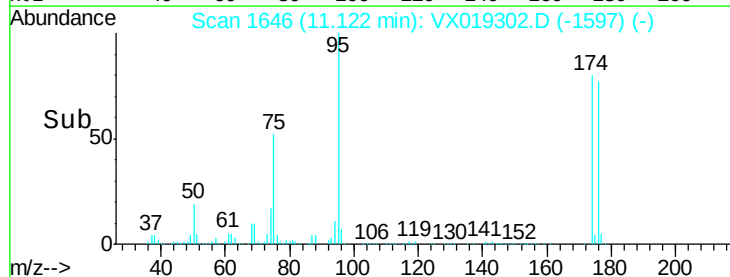
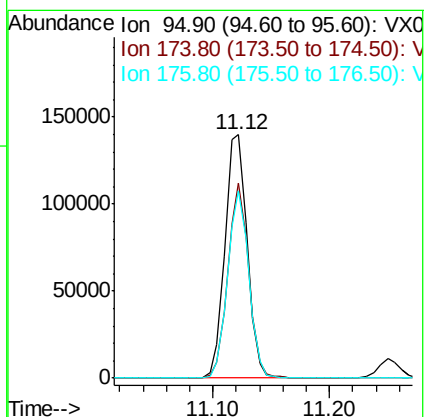
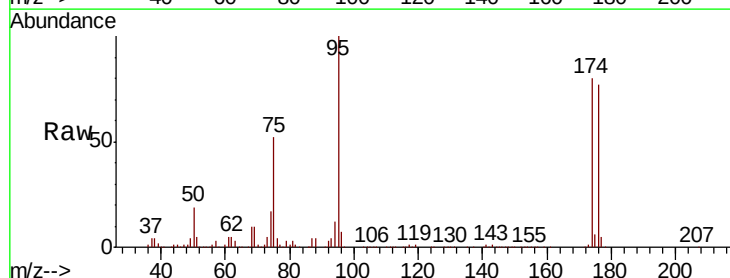
Tgt Ion: 95 Resp: 185433

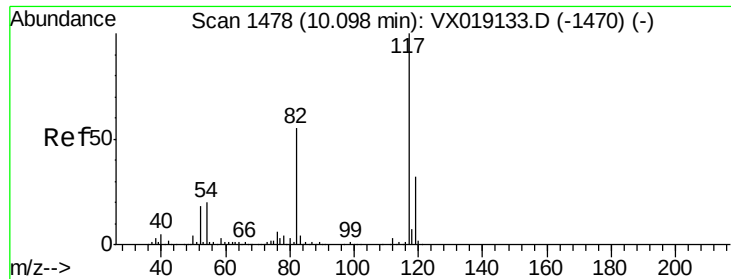
Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 73.5 0.0 149.8





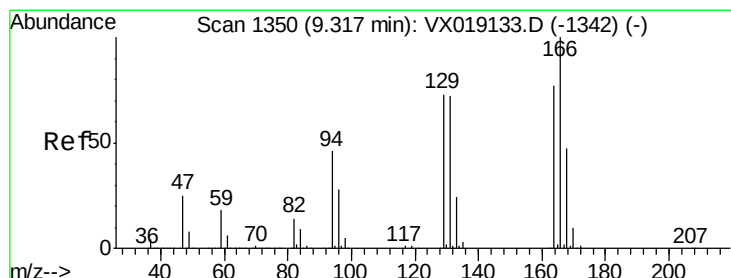
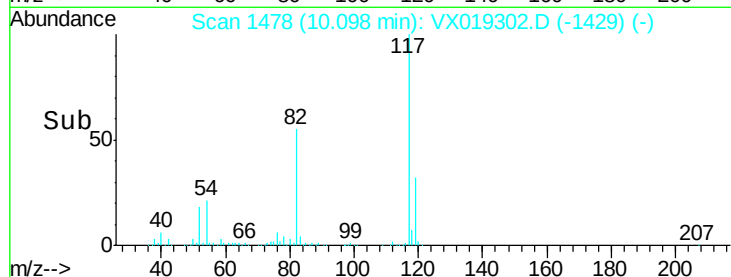
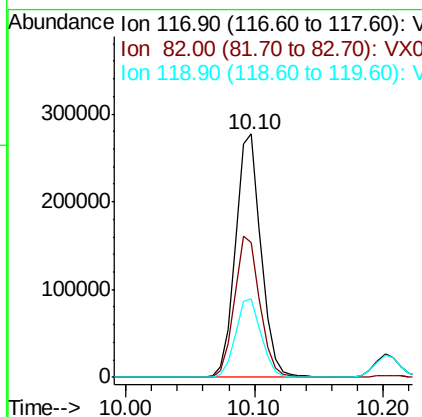
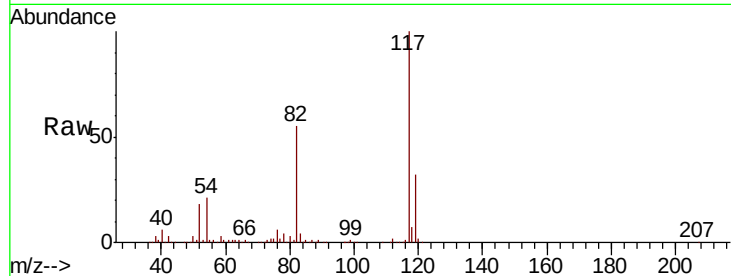
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380996		
82	55.2	43.6	65.4	
119	32.4	25.5	38.3	

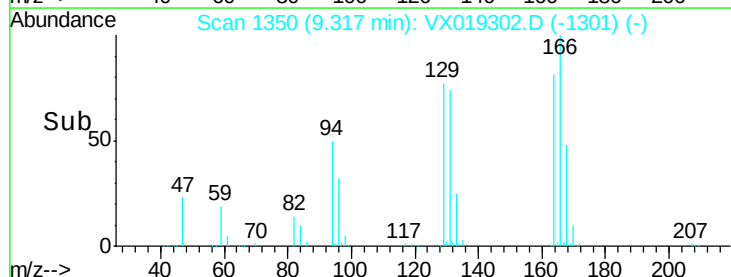
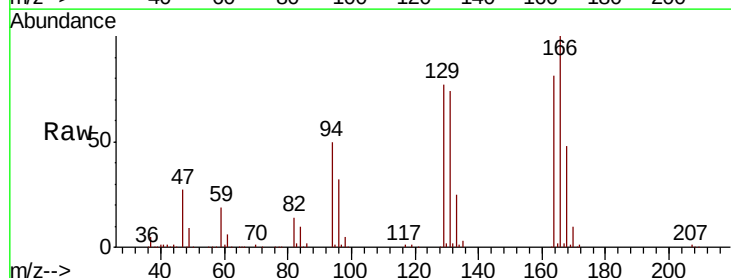
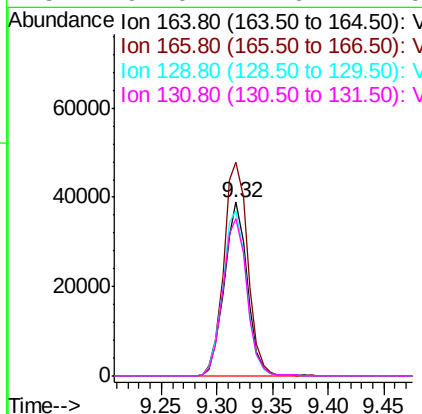
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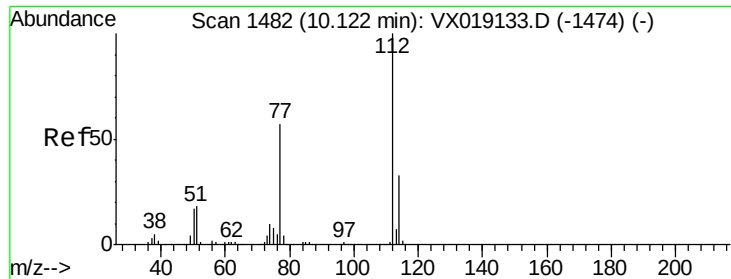
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#64
Tetrachloroethene
Concen: 19.189 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	55702		
166	122.9	104.1	156.1	
129	94.7	76.2	114.4	
131	91.0	74.6	112.0	





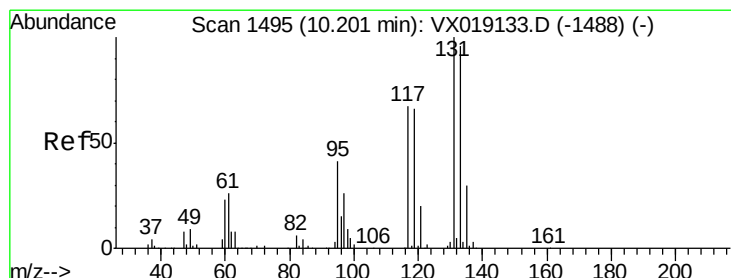
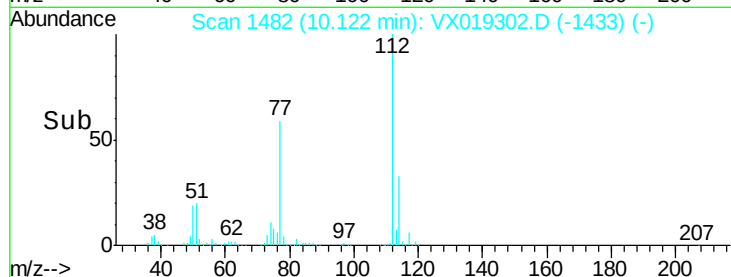
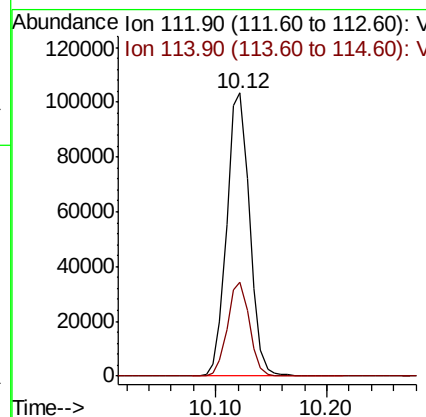
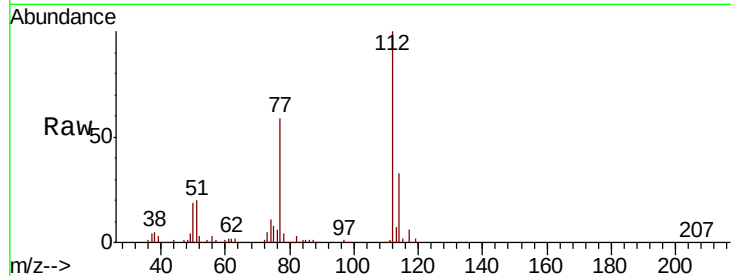
#65
Chlorobenzene
Concen: 18.908 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.2	26.1	39.1

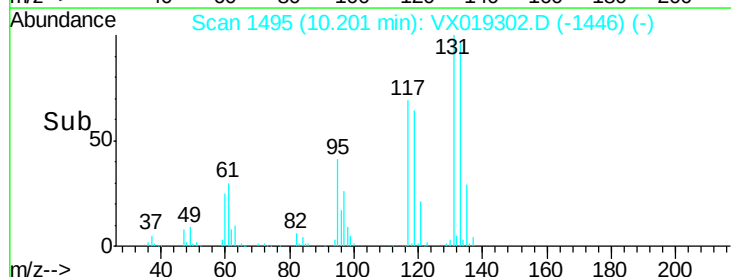
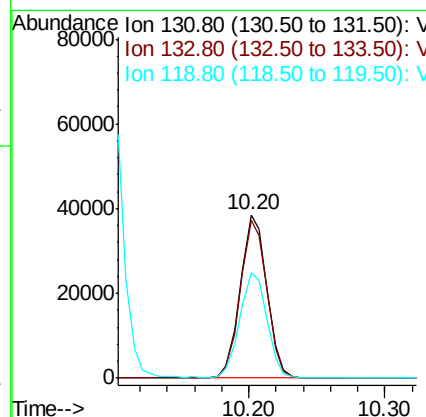
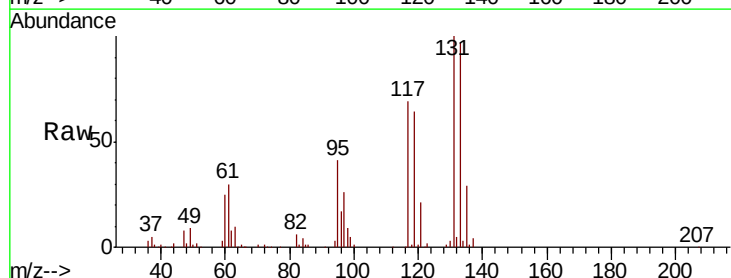
Manual Integrations
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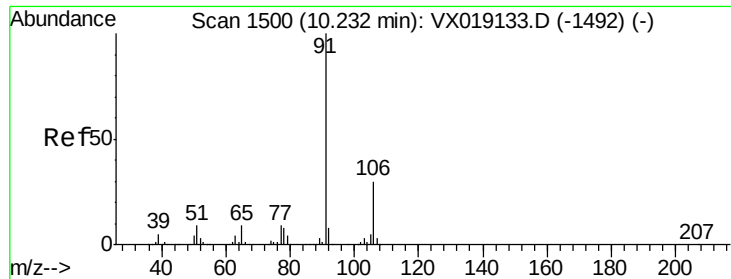
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.753 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.4	47.3	141.8
119	66.1	32.3	96.9





#67

Ethyl Benzene

Concen: 19.346 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 91 Resp: 268453

Ion Ratio Lower Upper

91 100

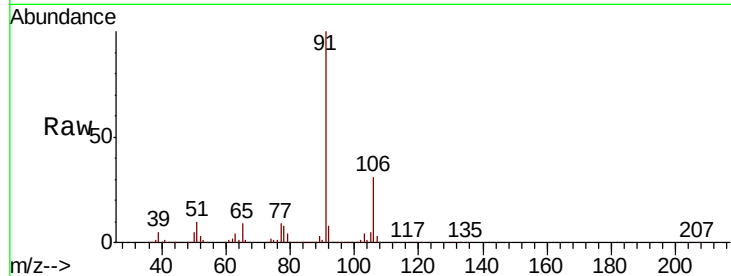
106 30.9 24.3 36.5

Manual Integrations

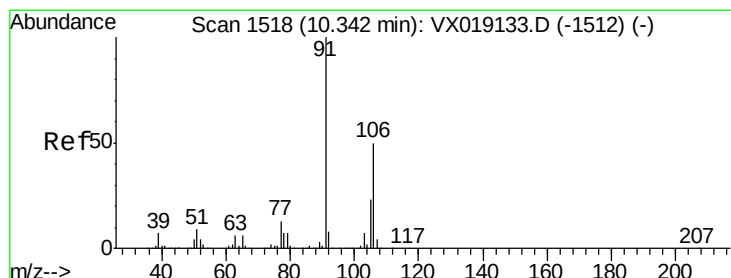
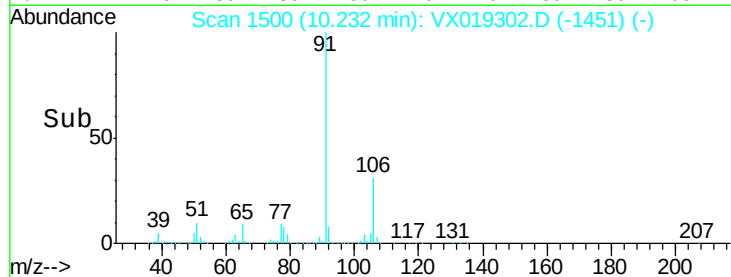
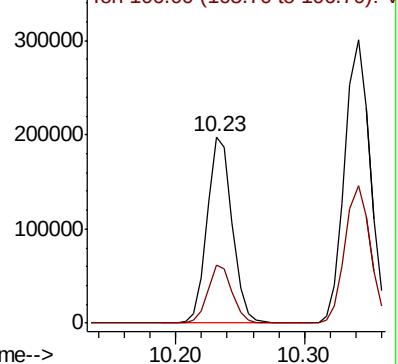
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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1492) (-)



#68

m/p-Xylenes

Concen: 38.376 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019302.D

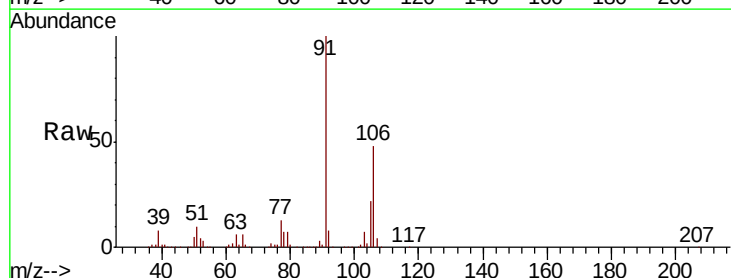
Acq: 05 Nov 2020 10:48

Tgt Ion: 106 Resp: 199858

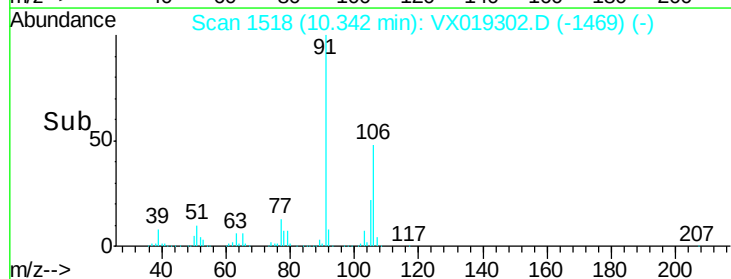
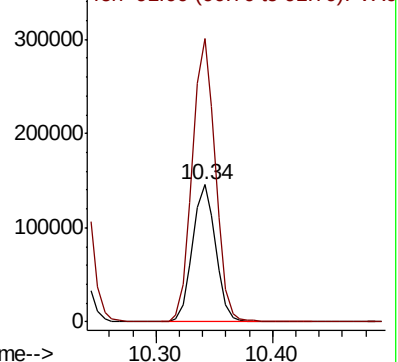
Ion Ratio Lower Upper

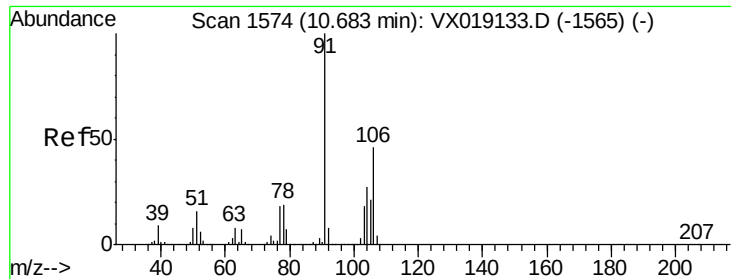
106 100

91 205.3 161.0 241.4



Abundance Ion 106.00 (105.70 to 106.70): VX019133.D (-1512) (-)





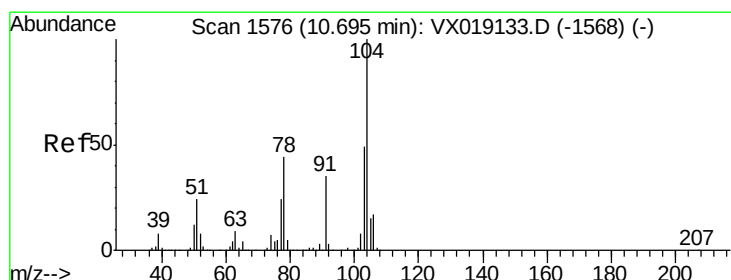
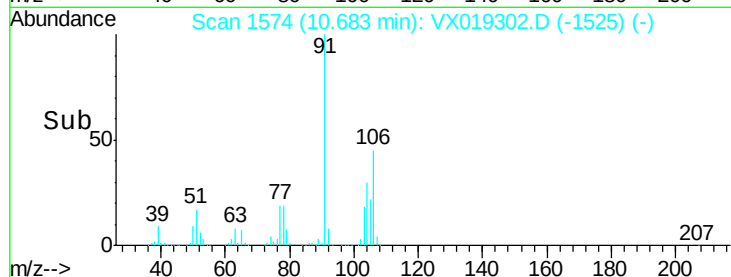
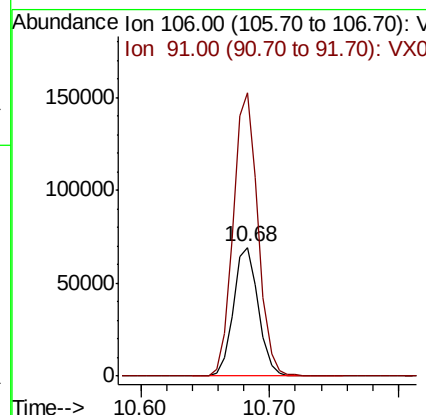
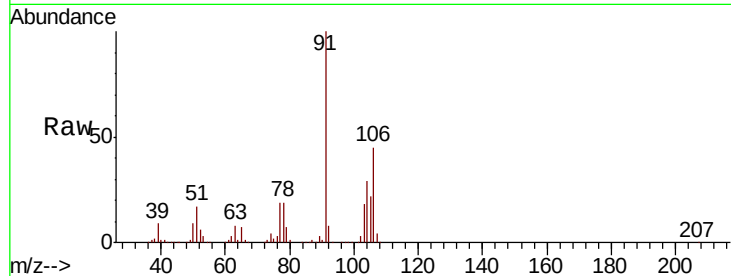
#69
o-Xylene
Concen: 19.103 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion:106 Resp: 94365
Ion Ratio Lower Upper
106 100
91 217.9 108.3 324.8

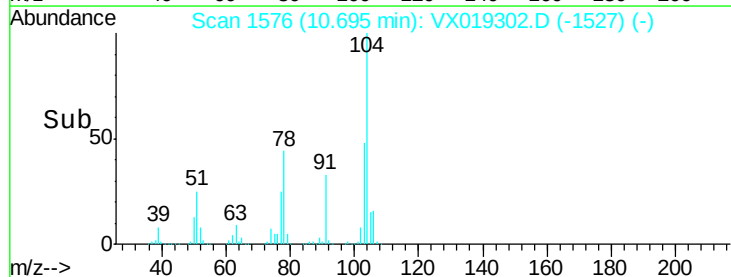
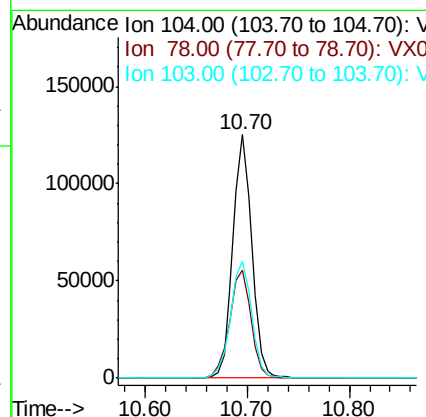
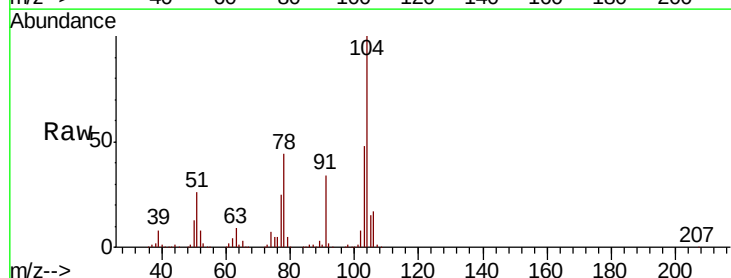
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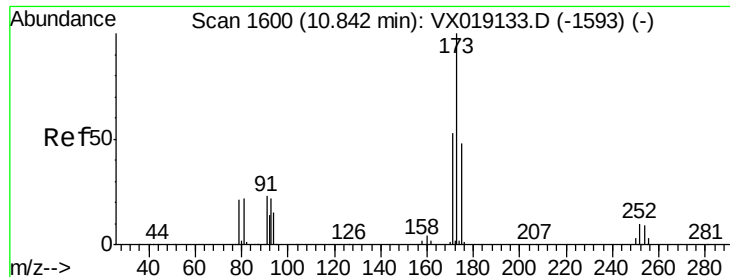
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#70
Styrene
Concen: 19.099 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion:104 Resp: 160971
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 53.6 43.5 65.3





#71

Bromoform

Concen: 17.681 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion:173 Resp: 39299

Ion Ratio Lower Upper

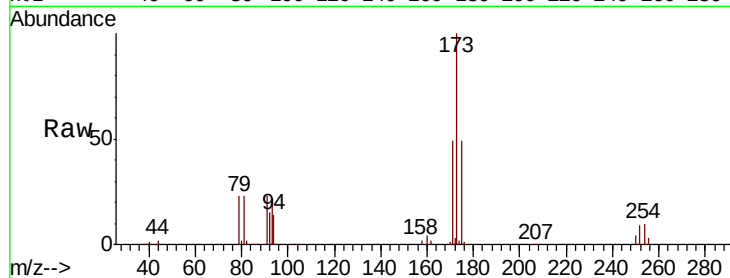
173 100

175 48.2 24.4 73.4

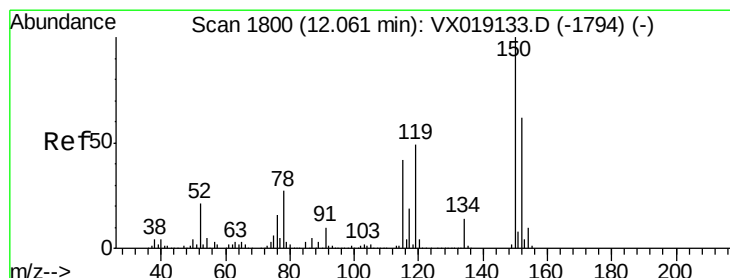
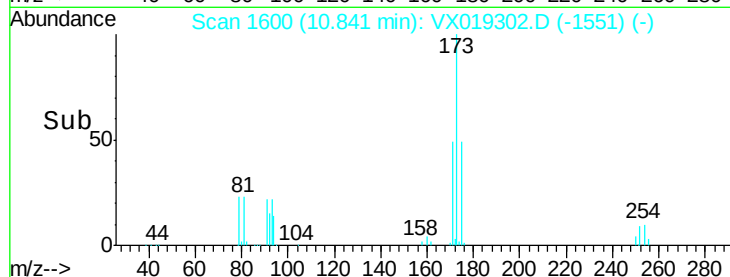
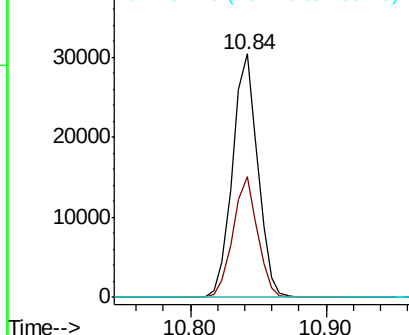
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

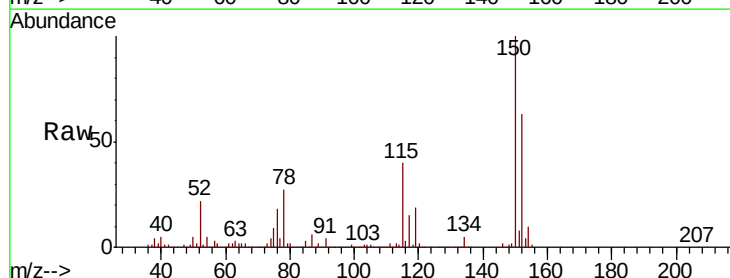
Tgt Ion:152 Resp: 190681

Ion Ratio Lower Upper

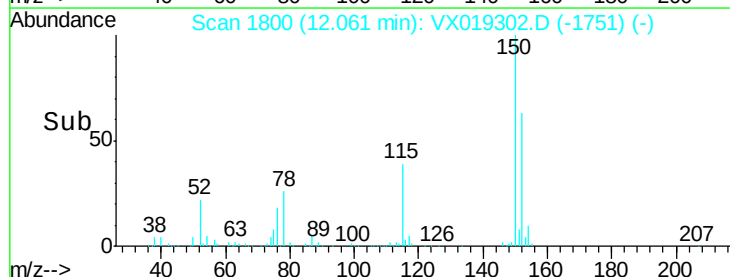
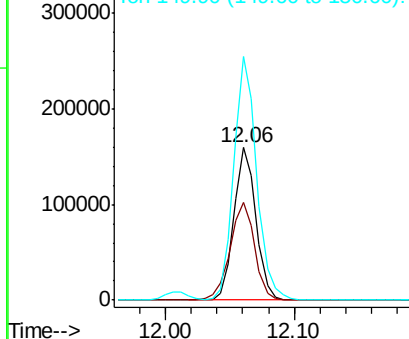
152 100

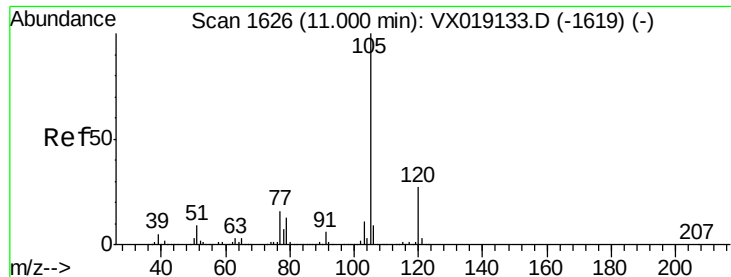
115 70.9 41.9 125.7

150 165.2 0.0 347.8



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





#73

Isopropylbenzene

Concen: 19.396 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion: 105 Resp: 261790

Ion Ratio Lower Upper

105 100

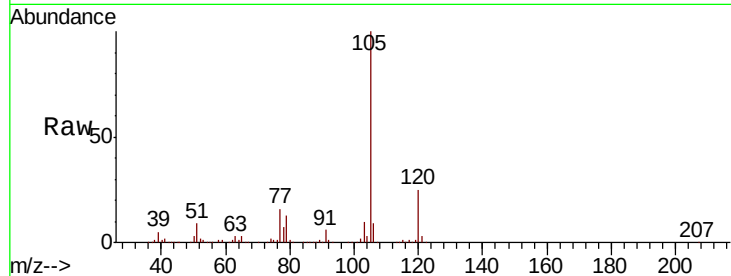
120 25.4 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

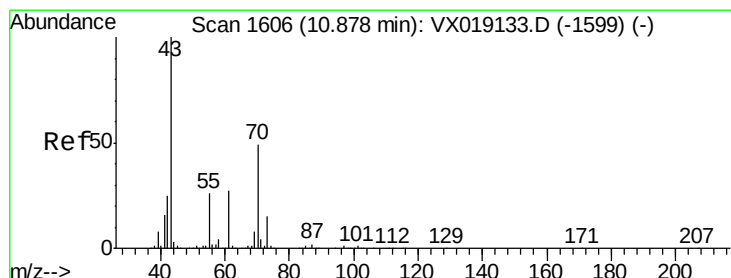
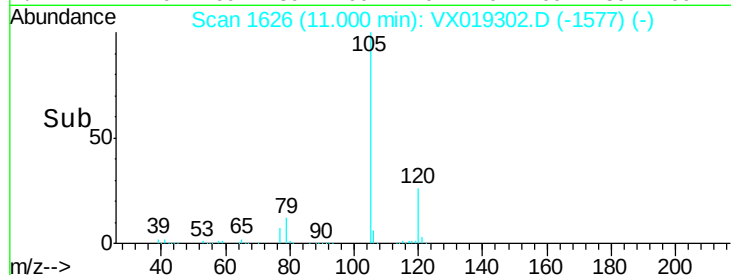
150000

100000

50000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 19.093 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion: 43 Resp: 94225

Ion Ratio Lower Upper

43 100

70 48.1 39.6 59.4

55 27.1 20.7 31.1

61 26.8 21.9 32.9

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

120000

100000

80000

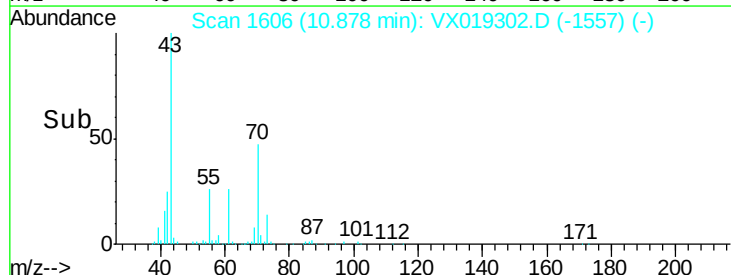
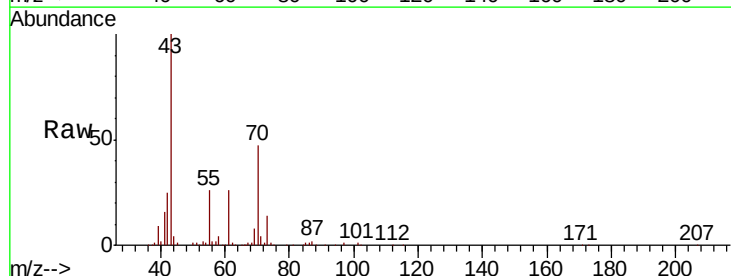
60000

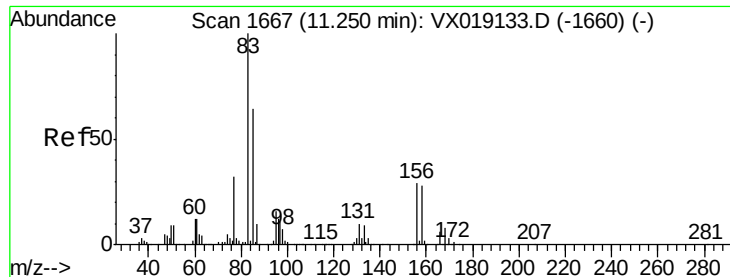
40000

20000

0

Time--> 10.80 10.90 11.00





#75

1,1,2,2-Tetrachloroethane

Concen: 19.608 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

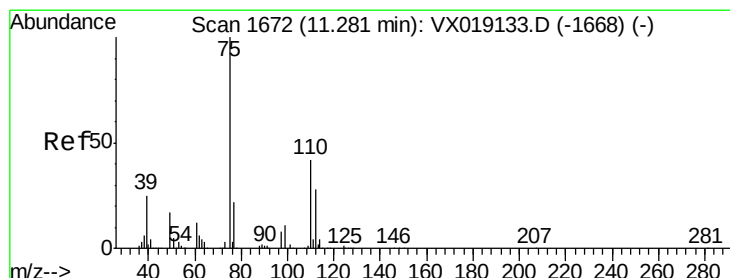
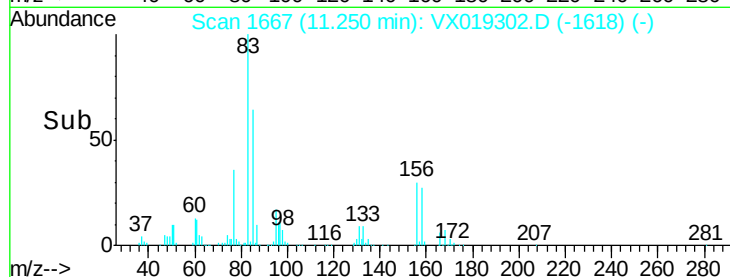
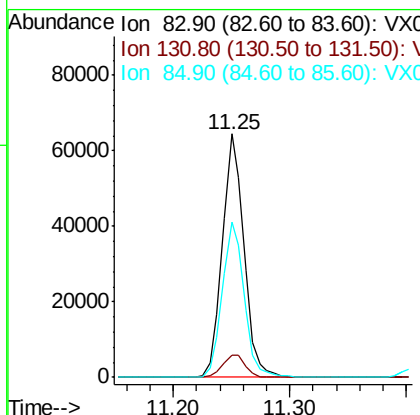
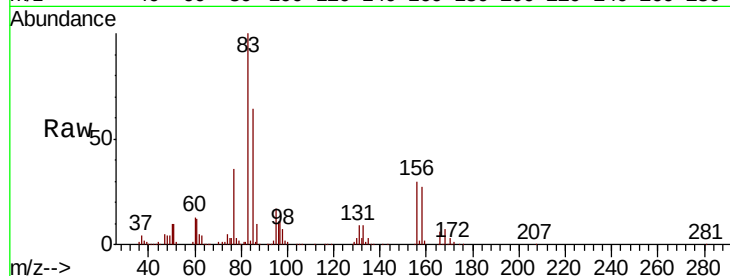
ClientSampleId :

VX1106WBS02

Tot Ion:	83	Resp:	82714
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.2	15.6
85	64.5	32.1	96.3

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#76

1,2,3-Trichloropropane

Concen: 20.112 ug/l m

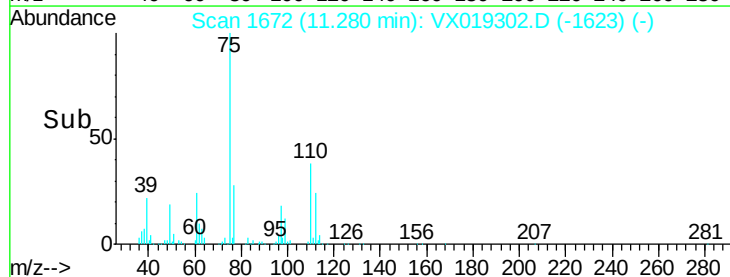
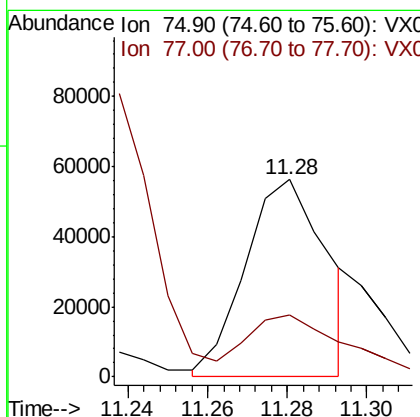
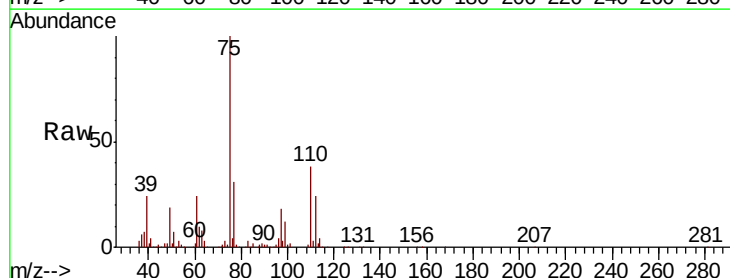
RT: 11.28 min Scan# 1672

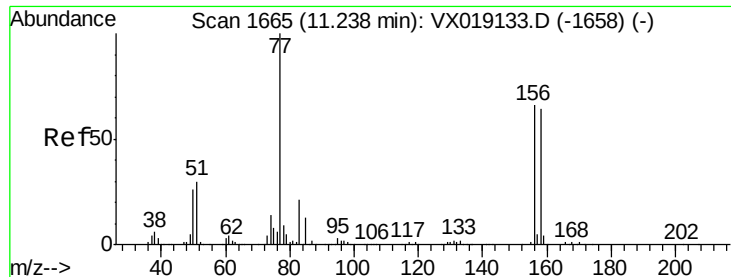
Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	75	Resp:	79184
Ion Ratio	Lower	Upper	
75	100		
77	38.8	20.3	60.9





#77

Bromobenzene

Concen: 18.491 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

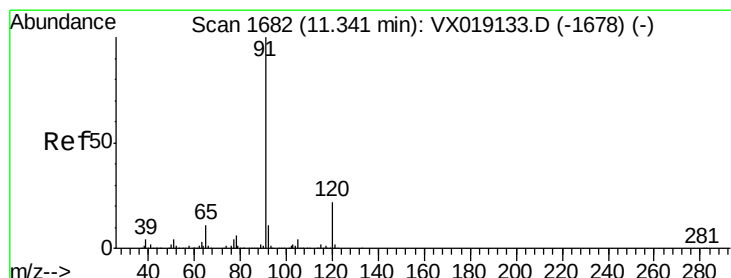
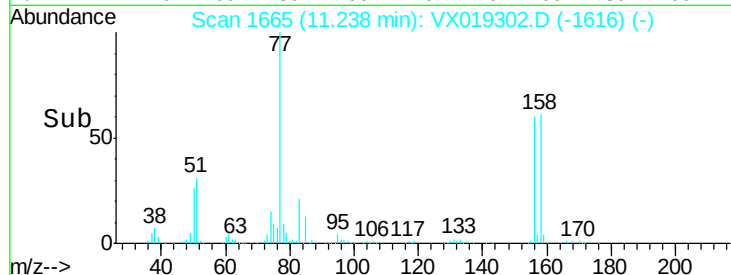
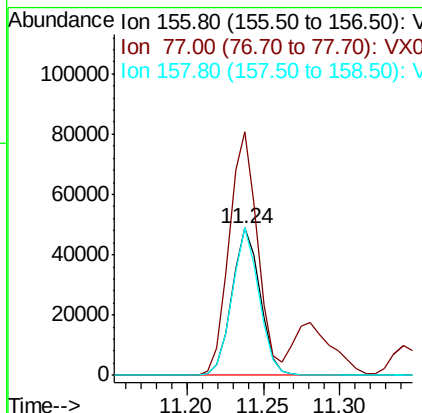
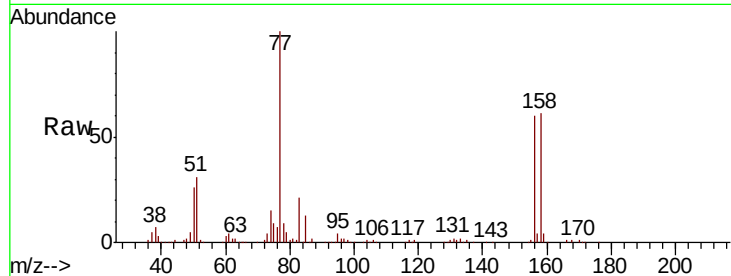
ClientSampleId :

VX1106WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	168.1	77.7	233.1	
158	96.6	48.3	144.8	

Manual Integrations
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11/6/2020 9:24:04 AM



#78

n-propylbenzene

Concen: 19.482 ug/l

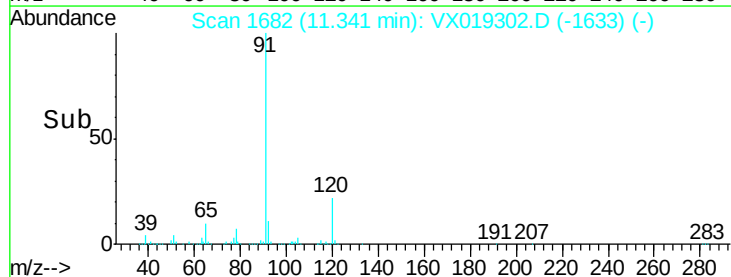
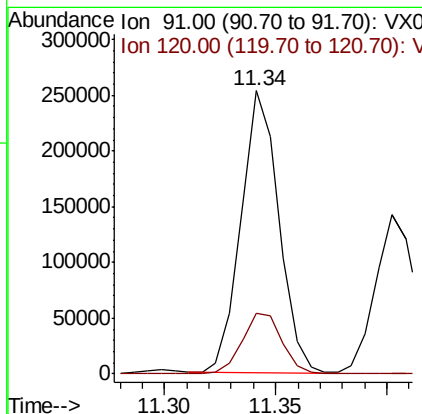
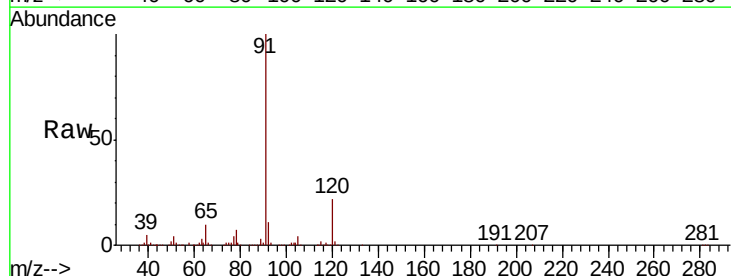
RT: 11.34 min Scan# 1682

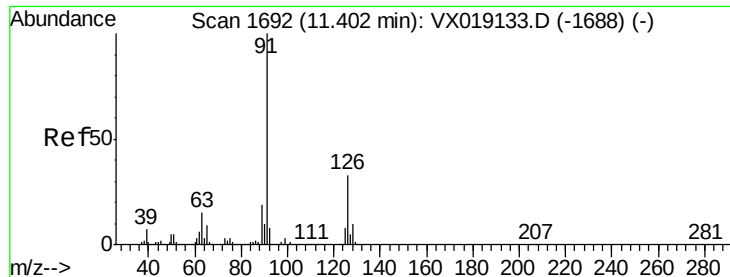
Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.8	11.7	35.0	





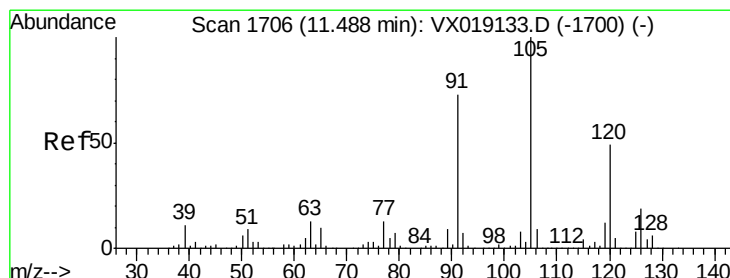
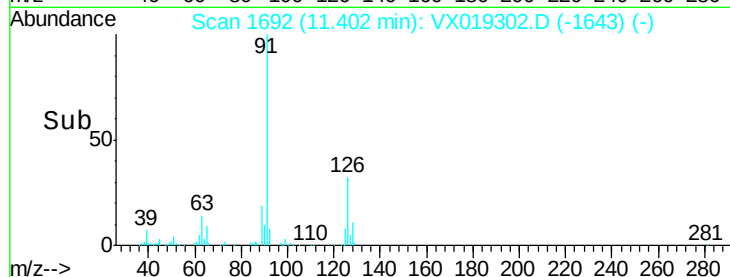
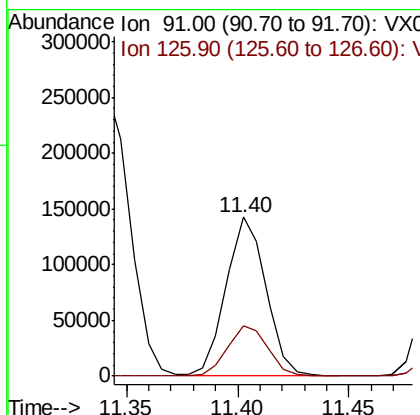
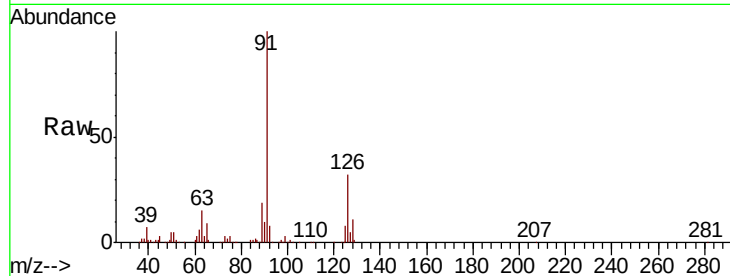
#79
 2-Chlorotoluene
 Concen: 19.491 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion: 91 Resp: 176803
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.9 50.7

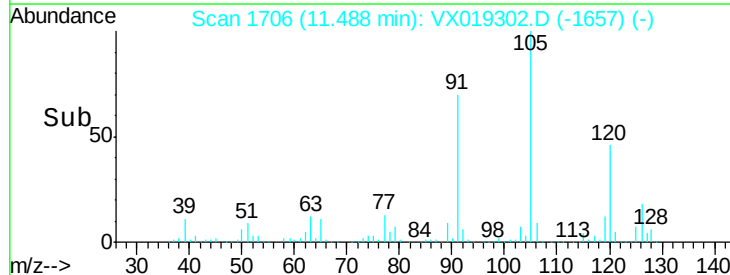
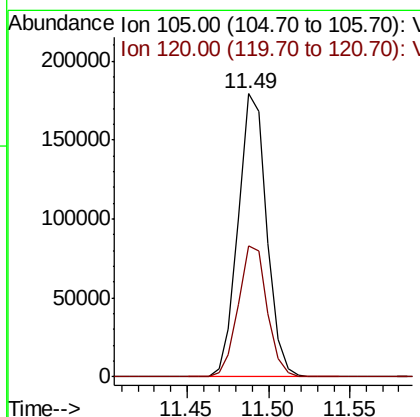
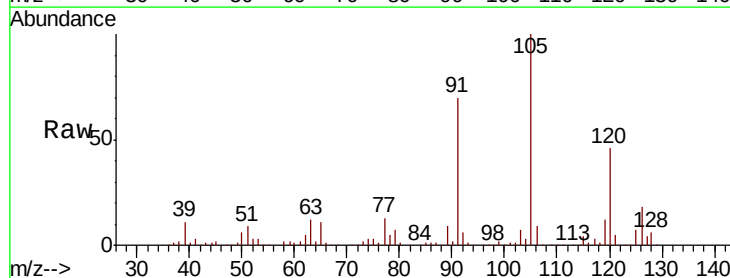
Manual Integrations
 APPROVED

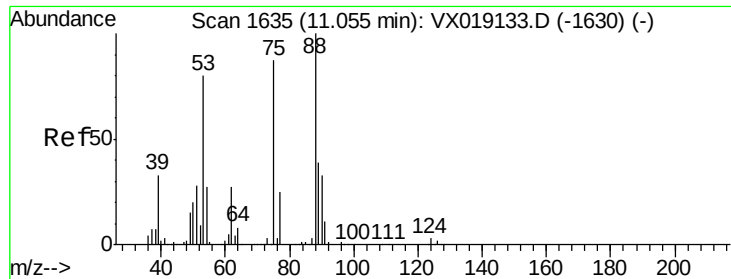
MMDadoda
 11/6/2020 9:24:04 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.223 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion: 105 Resp: 219187
 Ion Ratio Lower Upper
 105 100
 120 47.0 24.3 72.8





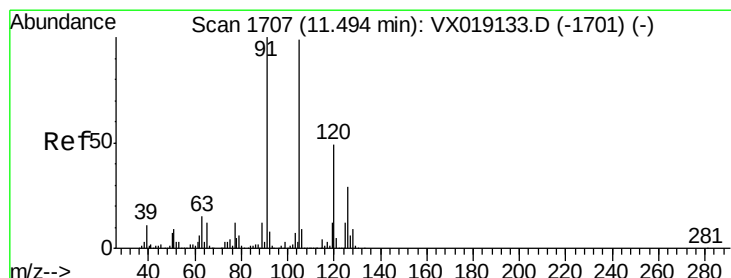
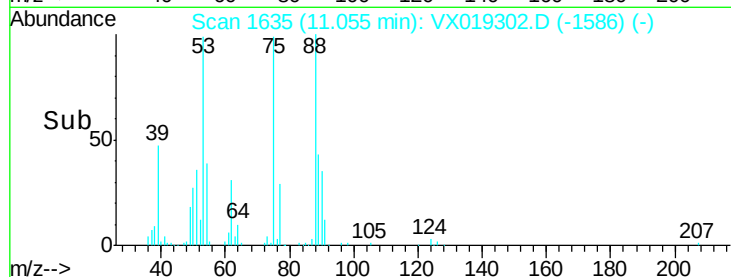
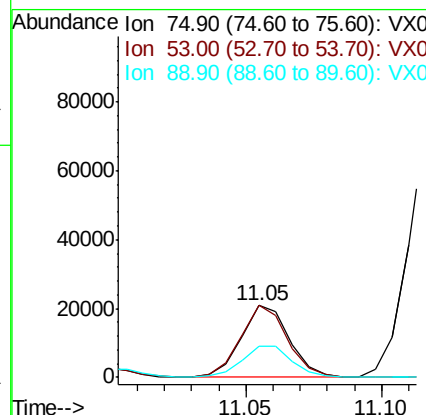
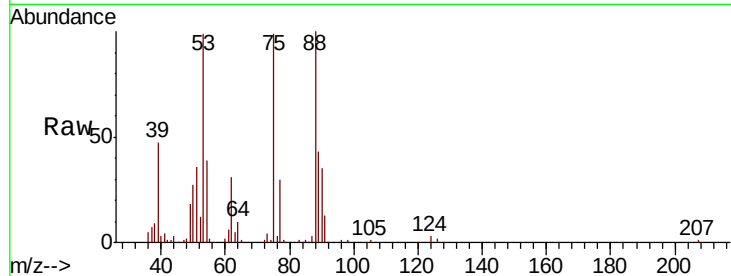
#81
trans-1,4-Dichloro-2-butene
Concen: 16.967 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	73.3	109.9
89	45.9	38.2	57.2

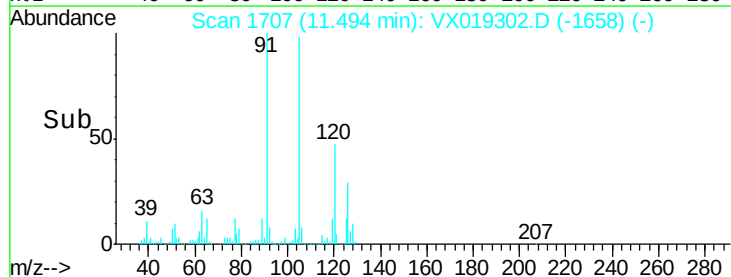
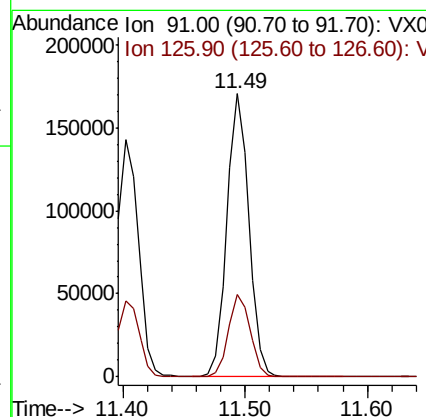
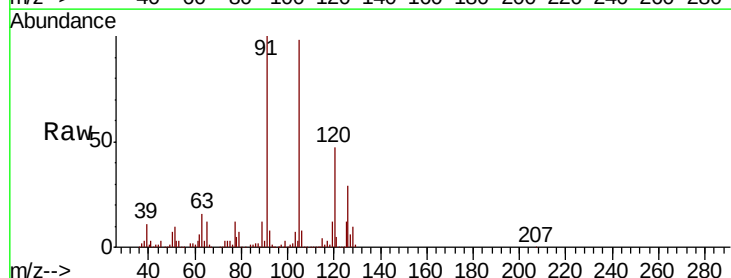
Manual Integrations
APPROVED

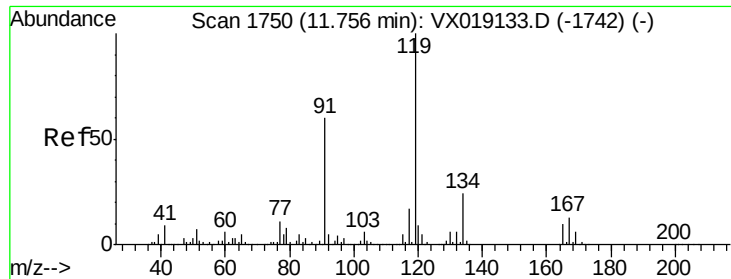
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.187 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.8	44.4





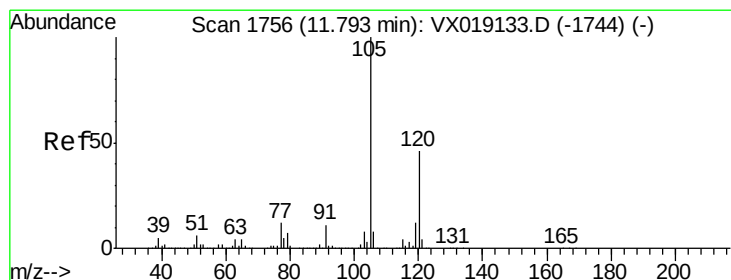
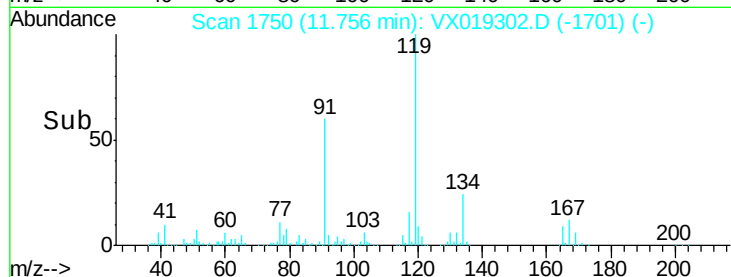
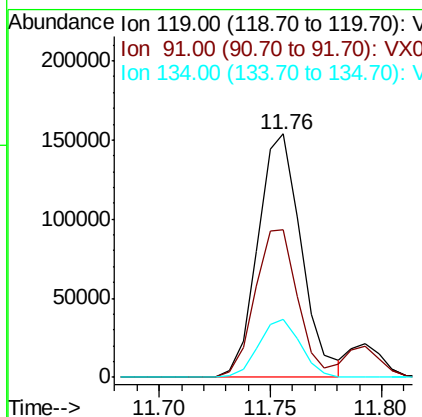
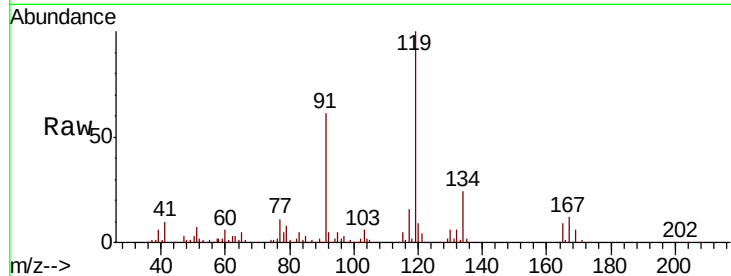
#83
 tert-Butylbenzene
 Concen: 19.120 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	208752		
91	59.3		29.0	87.1
134	23.2		11.7	35.0

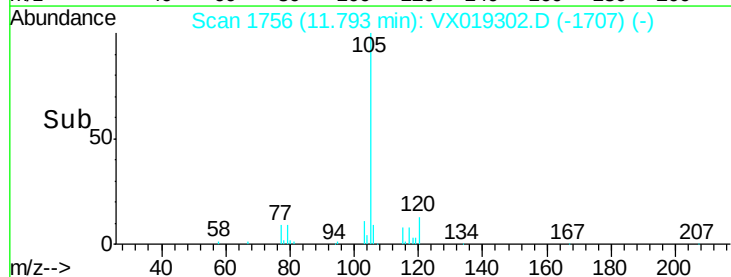
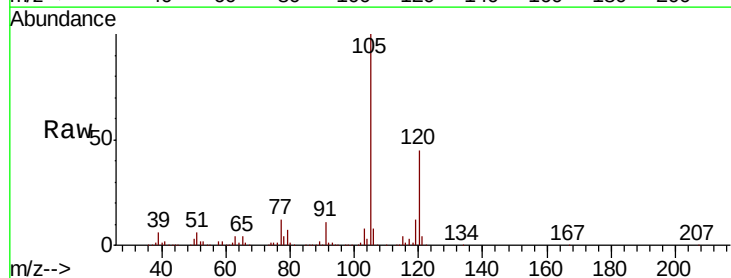
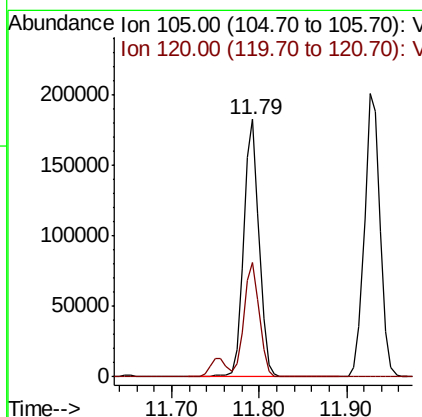
Manual Integrations
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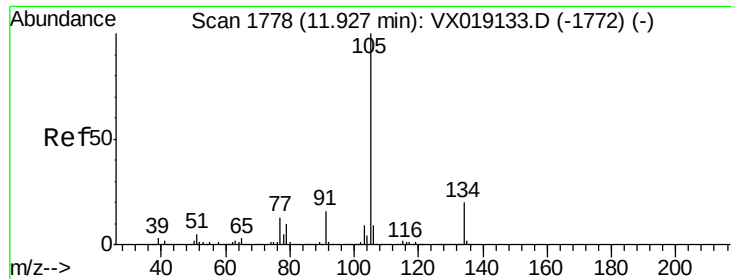
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.402 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	223350		
120	44.0		22.4	67.3





#85

sec-Butylbenzene

Concen: 19.237 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

ClientSampleId :

VX1106WBS02

Tot Ion:105 Resp: 251902

Ion Ratio Lower Upper

105 100

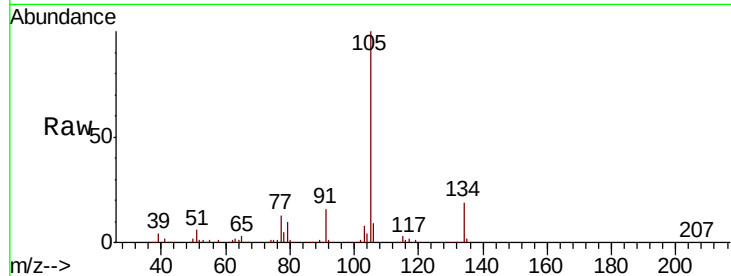
134 19.6 10.1 30.1

Manual Integrations

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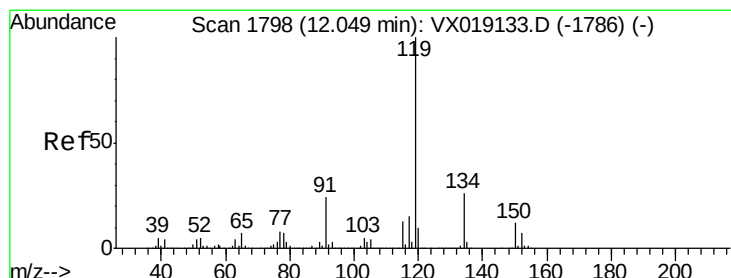
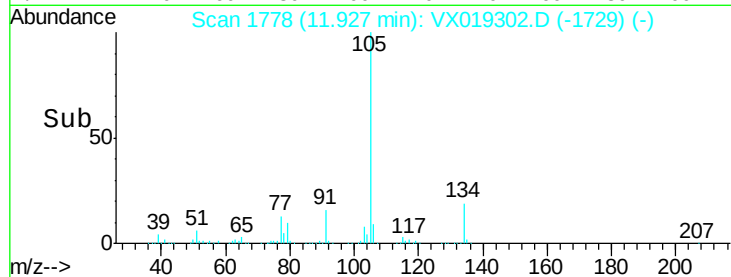
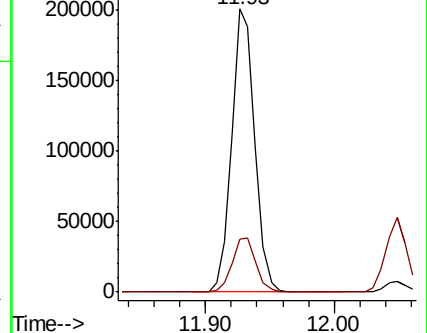
MMDadoda

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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: 19.326 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

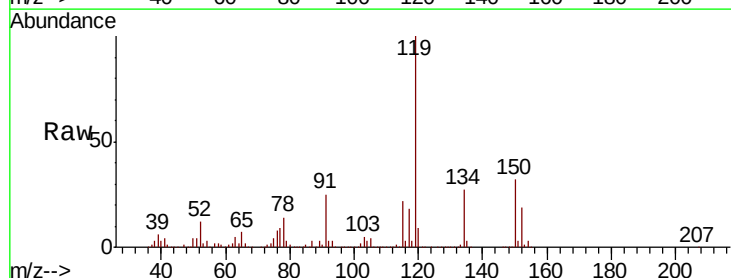
Tgt Ion:119 Resp: 233580

Ion Ratio Lower Upper

119 100

134 25.4 12.9 38.7

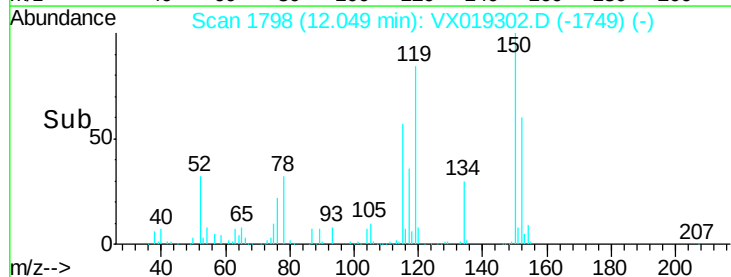
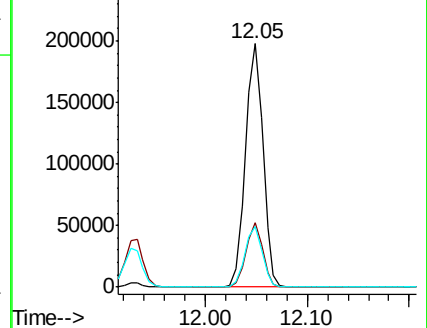
91 24.6 12.0 36.0

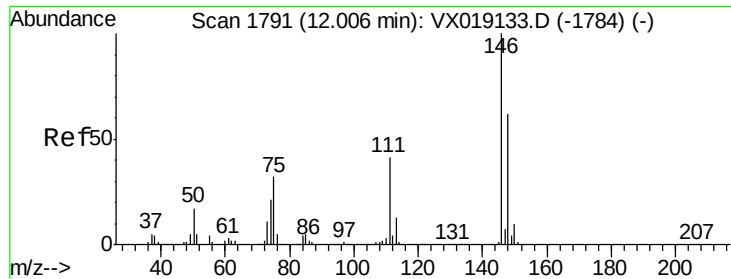


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





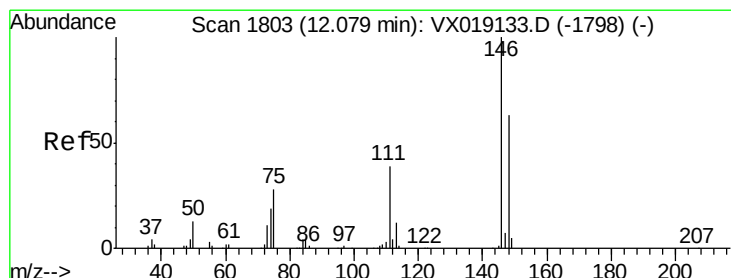
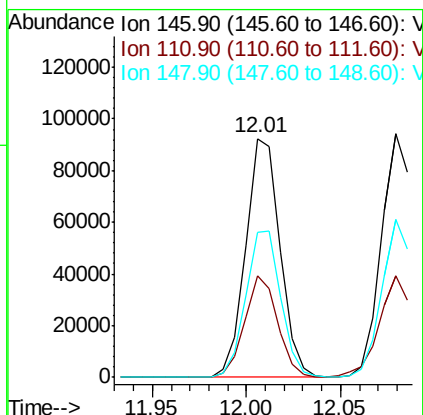
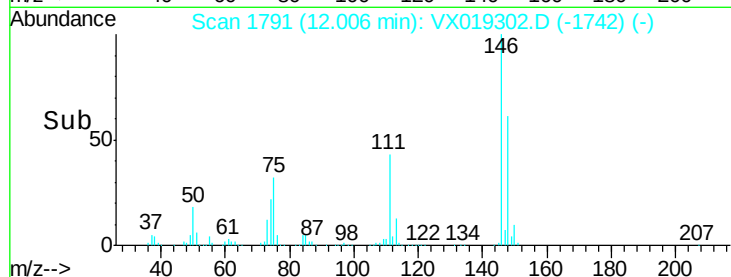
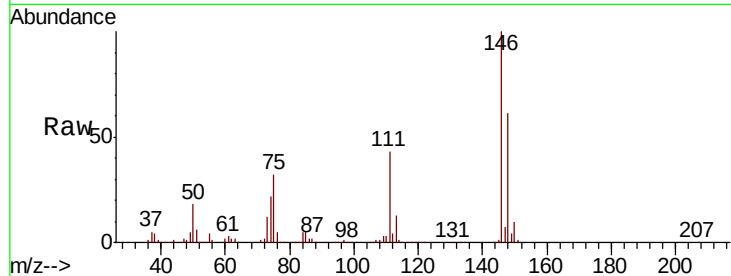
#87
 1,3-Dichlorobenzene
 Concen: 18.784 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	20.4	61.2
148	62.5	31.6	94.8

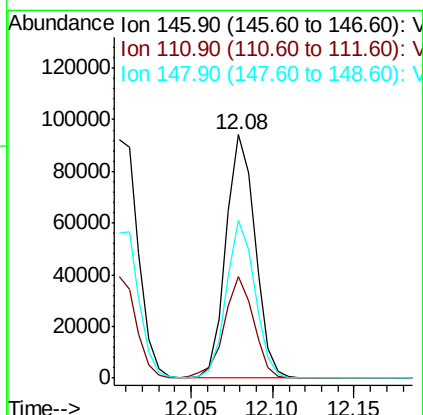
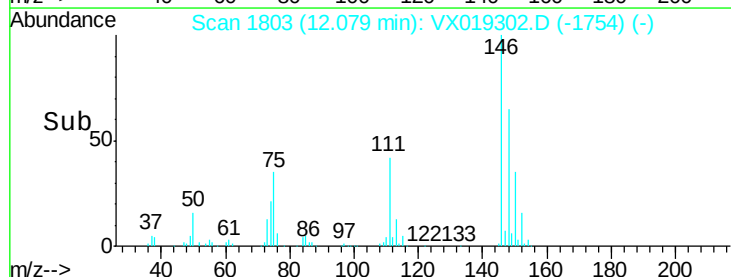
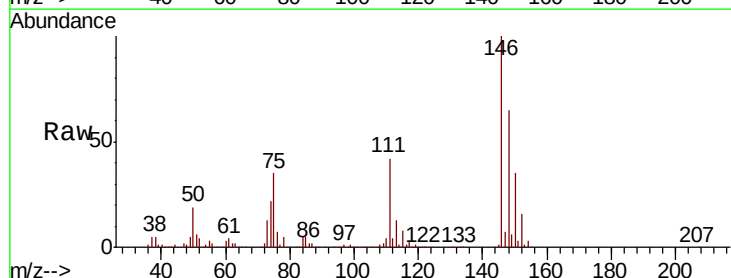
Manual Integrations
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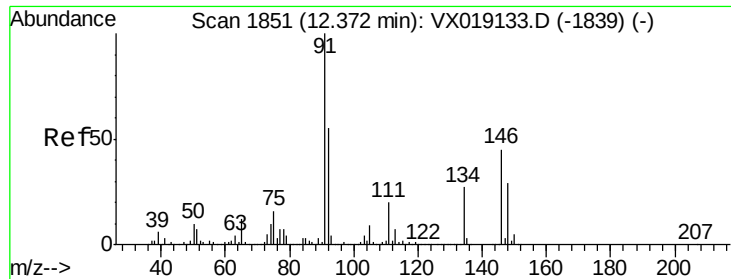
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#88
 1,4-Dichlorobenzene
 Concen: 18.005 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	20.2	60.5
148	63.2	31.3	93.8





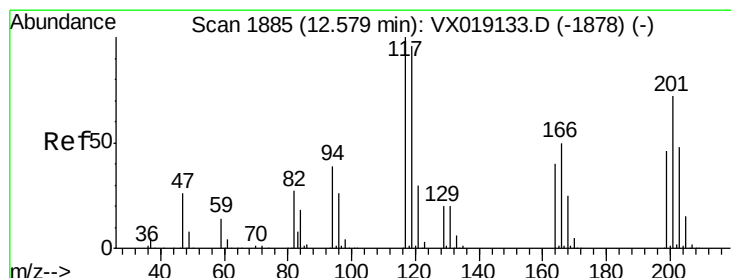
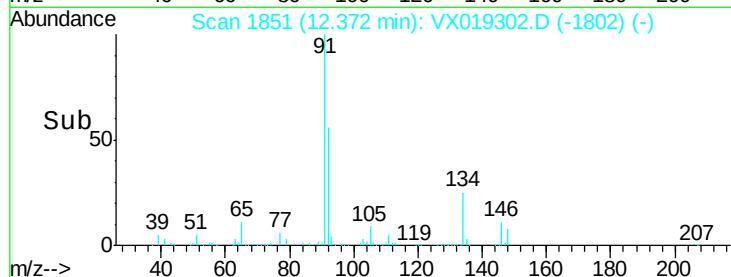
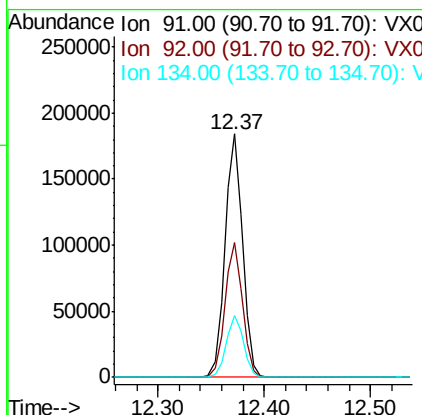
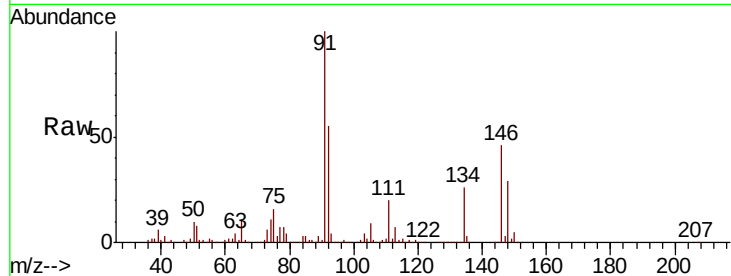
#89
n-Butylbenzene
Concen: 18.729 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Instrument :
MSVOA_X
ClientSampleId :
VX1106WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	25.3	13.2	39.6

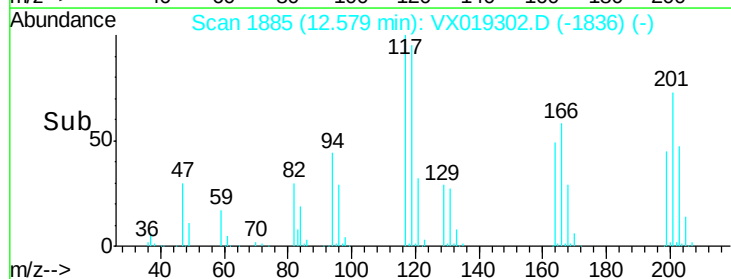
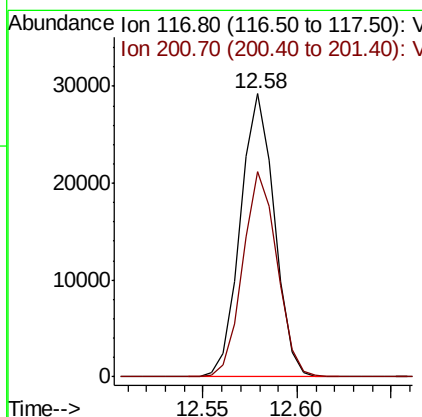
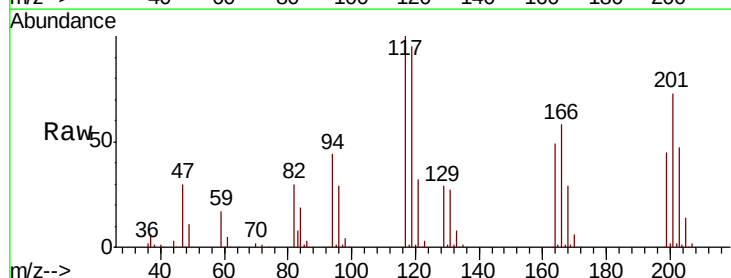
Manual Integrations
APPROVED

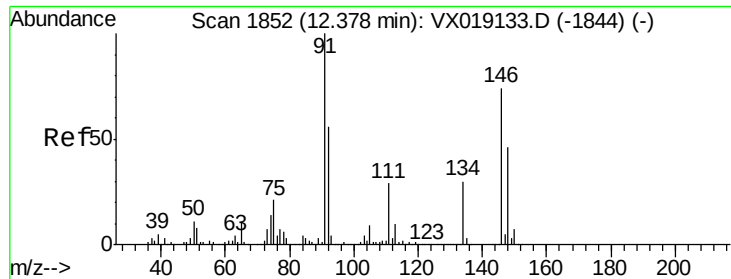
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#90
Hexachloroethane
Concen: 17.817 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019302.D
Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.2	38.5	115.3





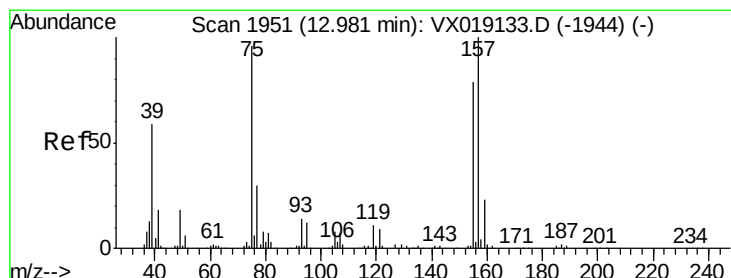
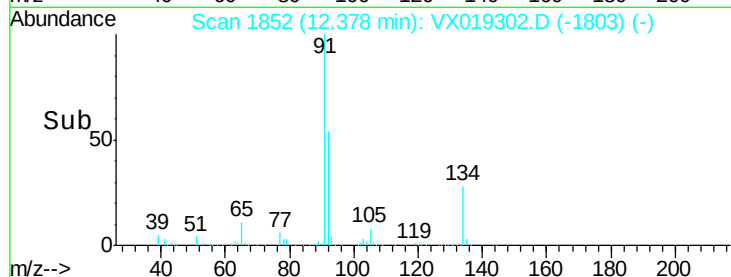
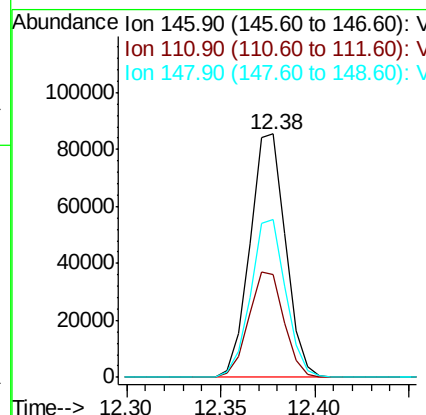
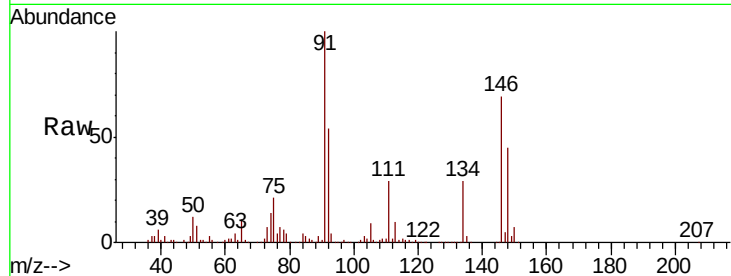
#91
 1,2-Dichlorobenzene
 Concen: 18.697 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1106WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.0	31.6	94.7

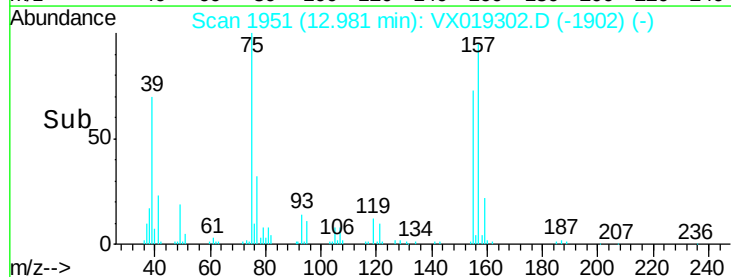
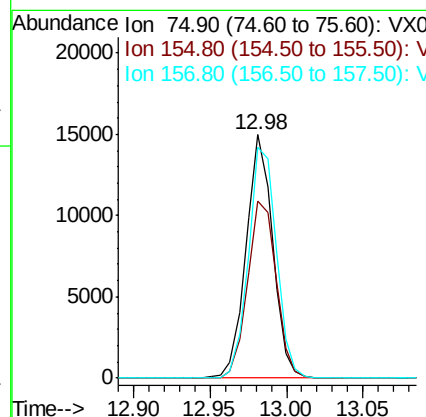
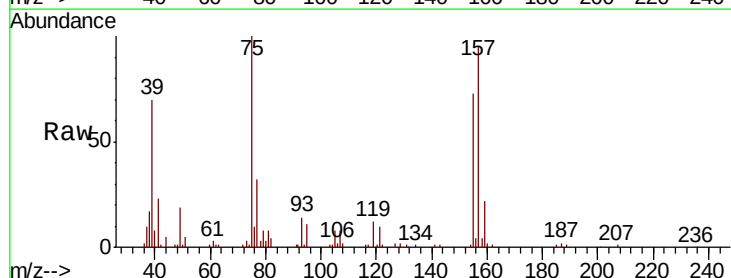
Manual Integrations
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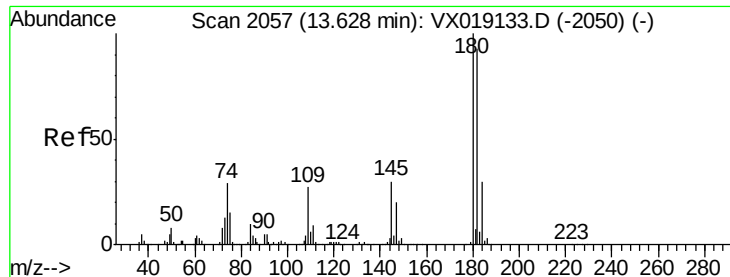
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.508 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019302.D
 Acq: 05 Nov 2020 10:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	42.8	128.4
157	99.5	54.8	164.4





#93

1,2,4-Trichlorobenzene

Concen: 16.390 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

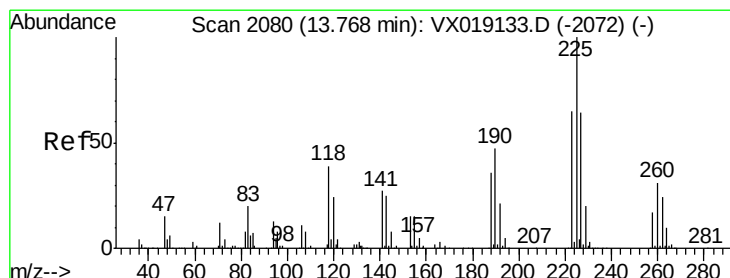
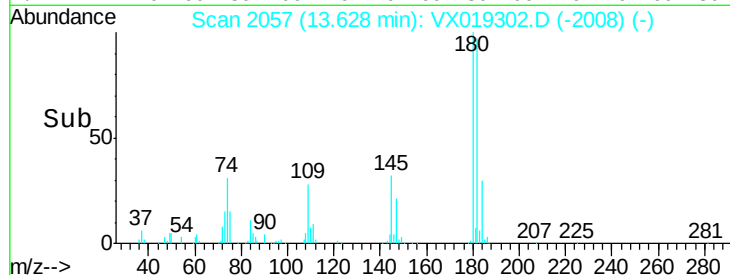
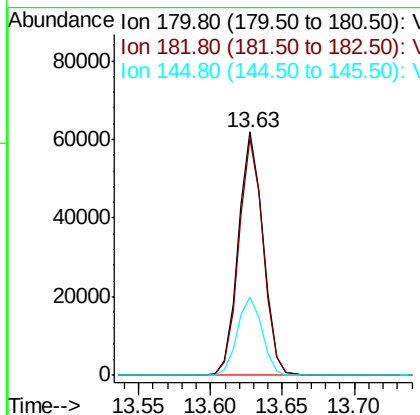
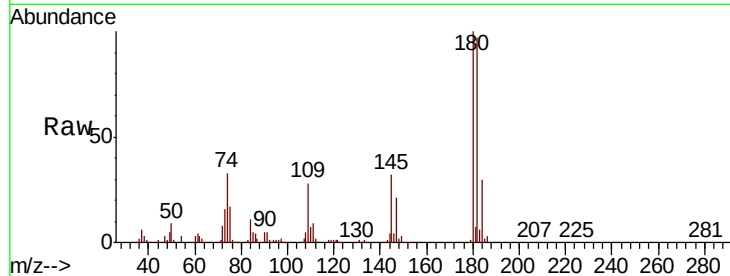
ClientSampleId :

VX1106WBS02

Tot Ion:	180	Resp:	73748
Ion Ratio	Lower	Upper	
180	100		
182	96.0	46.8	140.3
145	32.6	15.5	46.5

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 16.725 ug/l

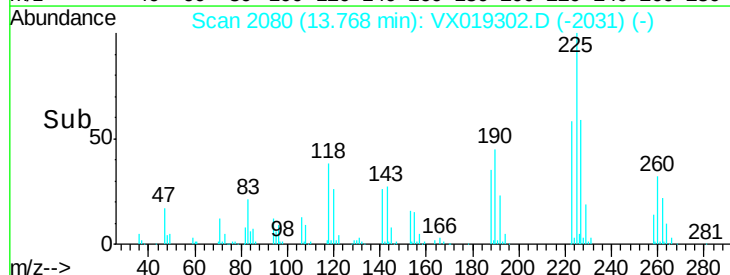
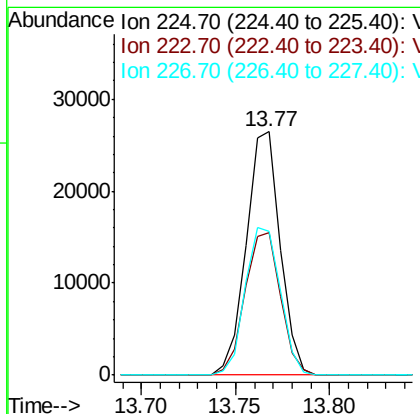
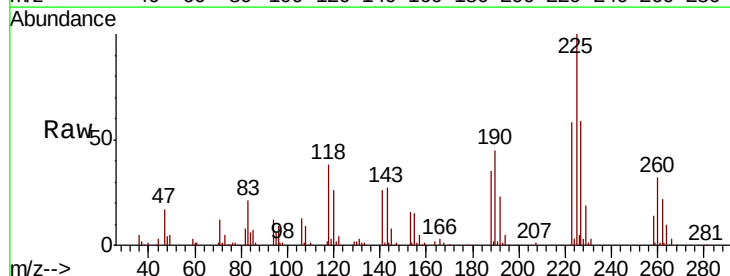
RT: 13.77 min Scan# 2080

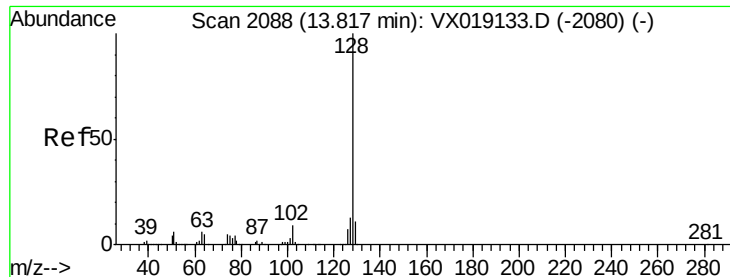
Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	225	Resp:	33127
Ion Ratio	Lower	Upper	
225	100		
223	61.1	32.4	97.2
227	62.7	31.6	94.7





#95

Naphthalene

Concen: 16.545 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Instrument :

MSVOA_X

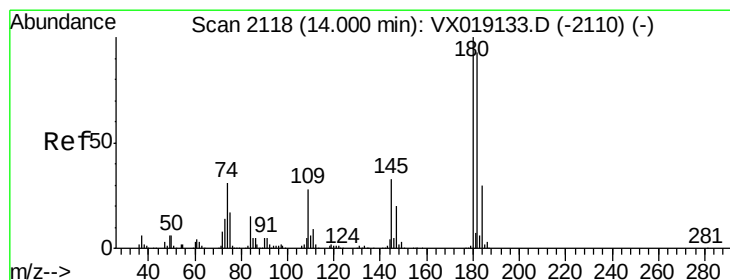
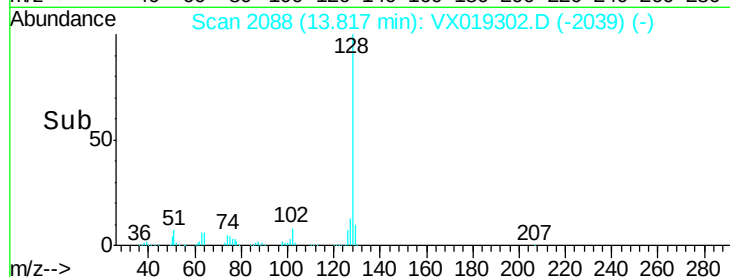
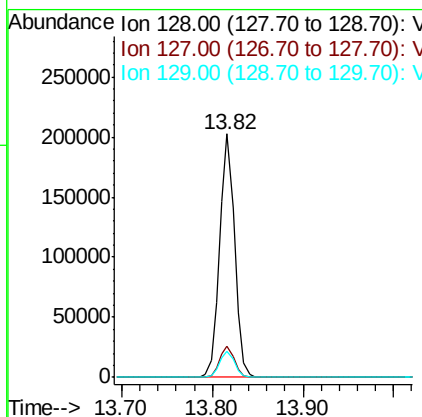
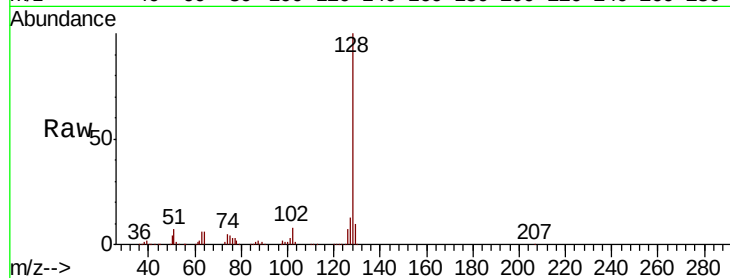
ClientSampleId :

VX1106WBS02

Tot Ion:	128	Resp:	234459
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/6/2020 9:24:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 16.506 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019302.D

Acq: 05 Nov 2020 10:48

Tgt Ion:	180	Resp:	72050
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.8	143.3
145	33.8	16.5	49.5

