

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019373.D
 Acq On : 09 Nov 2020 17:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 8:57:25 AM

Quant Time: Nov 10 03:02:31 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	5.63	168	240694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	413180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	380896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198860	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	163797	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	
35) Dibromofluoromethane	5.46	113	128345	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	489281	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.12	95	190826	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99450	49.562	ug/l	99
3) Chloromethane	1.31	50	115812	51.661	ug/l	100
4) Vinyl Chloride	1.39	62	139820	53.781	ug/l	99
5) Bromomethane	1.63	94	81814	46.080	ug/l	98
6) Chloroethane	1.71	64	93701	56.449	ug/l	95
7) Trichlorofluoromethane	1.92	101	214983	52.636	ug/l	95
8) Diethyl Ether	2.17	74	88558	56.495	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	120802	53.361	ug/l	98
10) Methyl Iodide	2.49	142	98580	38.564	ug/l	100
11) Tert butyl alcohol	3.01	59	166985	272.365	ug/l	100
12) 1,1-Dichloroethene	2.36	96	119692	51.307	ug/l	97
13) Acrolein	2.27	56	70651	257.567	ug/l	98
14) Allyl chloride	2.71	41	201101	56.913	ug/l	97
15) Acrylonitrile	3.11	53	371089	288.039	ug/l	100
16) Acetone	2.42	43	330650	308.775	ug/l	99
17) Carbon Disulfide	2.55	76	308307	46.419	ug/l	99
18) Methyl Acetate	2.75	43	159125	61.108	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	455542	56.358	ug/l	99
20) Methylene Chloride	2.84	84	142953	53.174	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	137324	51.147	ug/l	95
22) Diisopropyl ether	3.82	45	423504	60.120	ug/l	99
23) Vinyl Acetate	3.78	43	1849882	294.481	ug/l	98
24) 1,1-Dichloroethane	3.67	63	251915	57.276	ug/l	99
25) 2-Butanone	4.63	43	500141	296.353	ug/l	96
26) 2,2-Dichloropropane	4.55	77	218332	52.804	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	160346	53.445	ug/l	96
28) Bromochloromethane	4.98	49	111756	55.893	ug/l	91
29) Tetrahydrofuran	5.09	42	316562	297.647	ug/l	97
30) Chloroform	5.18	83	262804	56.136	ug/l	99
31) Cyclohexane	5.55	56	211633	53.936	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	233888	55.105	ug/l	99
36) 1,1-Dichloropropene	5.77	75	194499	50.977	ug/l	98
37) Ethyl Acetate	4.79	43	193794	54.705	ug/l	98
38) Carbon Tetrachloride	5.76	117	197282	50.728	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	226997	49.757	ug/l	97
40) Benzene	6.11	78	575443	53.193	ug/l	99
41) Methacrylonitrile	5.00	41	105715	55.413	ug/l	98
42) 1,2-Dichloroethane	6.16	62	213987	53.673	ug/l	100
43) Isopropyl Acetate	6.41	43	325120	54.811	ug/l	98
44) Trichloroethene	7.19	130	151000	48.739	ug/l	96
45) 1,2-Dichloropropane	7.49	63	148296	55.968	ug/l	99
46) Dibromomethane	7.63	93	100873	51.483	ug/l	98
47) Bromodichloromethane	7.88	83	205944	53.326	ug/l	99
48) Methyl methacrylate	7.74	41	160432	56.194	ug/l	97
49) 1,4-Dioxane	7.72	88	66911	1053.860	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	981335	287.847	ug/l	99
52) Toluene	8.76	92	367206	52.703	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	230655	52.290	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	249862	53.867	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	147628	53.626	ug/l	98
56) Ethyl methacrylate	9.16	69	232396	55.889	ug/l	98
57) 1,3-Dichloropropane	9.35	76	252452	54.392	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	609921	262.277	ug/l	96
59) 2-Hexanone	9.47	43	749120	288.663	ug/l	98
60) Dibromochloromethane	9.57	129	157234	52.629	ug/l	99
61) 1,2-Dibromoethane	9.65	107	153711	52.215	ug/l	100
64) Tetrachloroethene	9.32	164	134869	46.474	ug/l	99
65) Chlorobenzene	10.12	112	384968	49.449	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	143555	51.221	ug/l	99
67) Ethyl Benzene	10.24	91	707830	51.024	ug/l	99
68) m/p-Xylenes	10.34	106	529964	101.787	ug/l	97
69) o-Xylene	10.68	106	254835	51.603	ug/l	99
70) Styrene	10.70	104	436342	51.785	ug/l	99
71) Bromoform	10.84	173	112291	50.533	ug/l #	99
73) Isopropylbenzene	11.00	105	685056	48.667	ug/l	99
74) N-amyl acetate	10.88	43	281161	54.629	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	234128	53.220	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	212806m	51.828	ug/l	
77) Bromobenzene	11.24	156	165050	47.244	ug/l	92
78) n-propylbenzene	11.34	91	803715	50.018	ug/l	99
79) 2-Chlorotoluene	11.40	91	470430	49.727	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	585881	49.268	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75535	48.437	ug/l	97
82) 4-Chlorotoluene	11.49	91	569434	49.292	ug/l	98
83) tert-Butylbenzene	11.76	119	565731	49.686	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	597102	49.737	ug/l	98
85) sec-Butylbenzene	11.93	105	680720	49.847	ug/l	99
86) p-Isopropyltoluene	12.05	119	624684	49.560	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	313507	48.188	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	316627	46.753	ug/l	99
89) n-Butylbenzene	12.37	91	583294	49.232	ug/l	98
90) Hexachloroethane	12.58	117	107212	50.041	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	314282	50.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52805	49.033	ug/l	96

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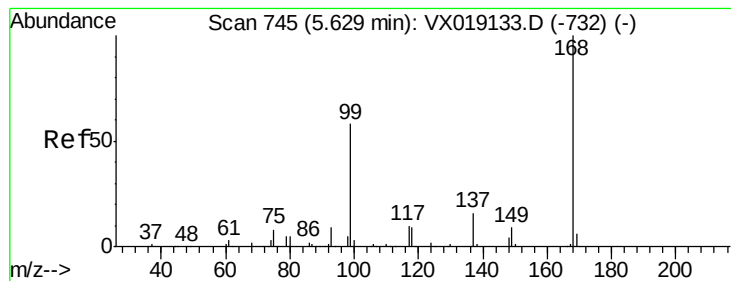
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	204200	43.517	ug/l	98
94) Hexachlorobutadiene	13.76	225	85016	41.157	ug/l	98
95) Naphthalene	13.82	128	697215	47.176	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	194572	42.742	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 240694

Ion Ratio Lower Upper

168 100

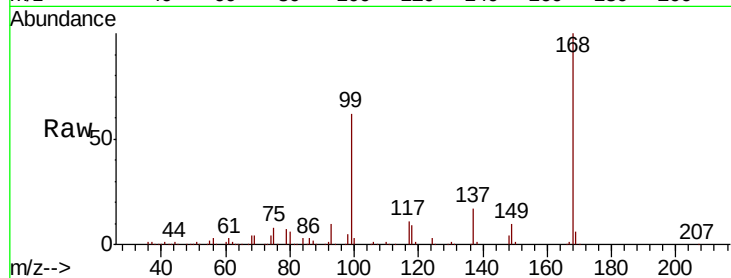
99 61.7 46.6 69.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

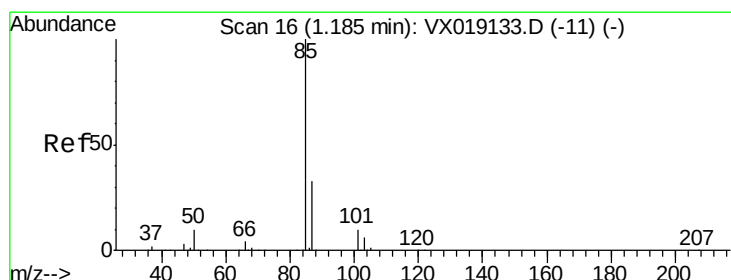
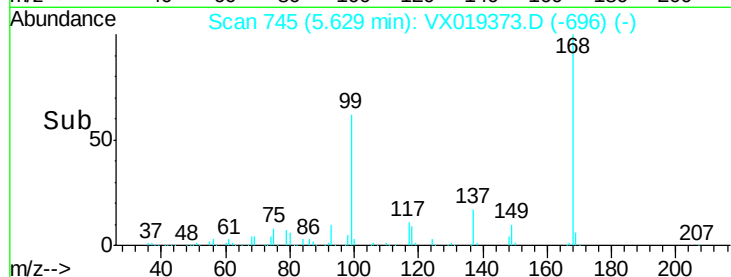
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 49.562 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019373.D

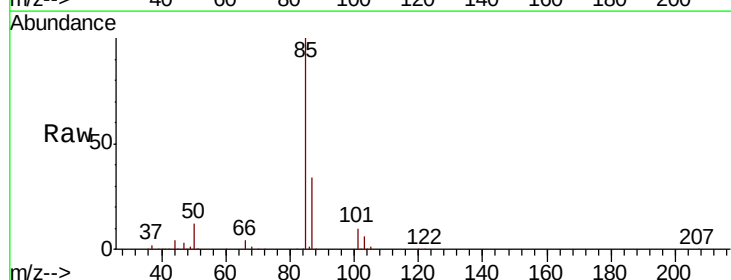
Acq: 09 Nov 2020 17:13

Tgt Ion: 85 Resp: 99450

Ion Ratio Lower Upper

85 100

87 33.6 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

120000

100000

80000

60000

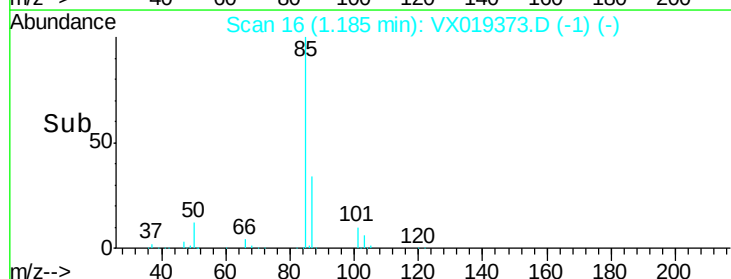
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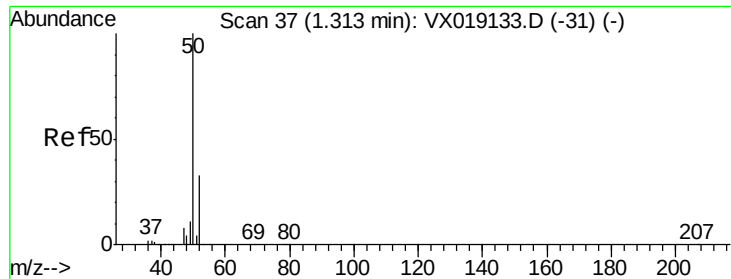
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 51.661 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 115812

Ion Ratio Lower Upper

50 100

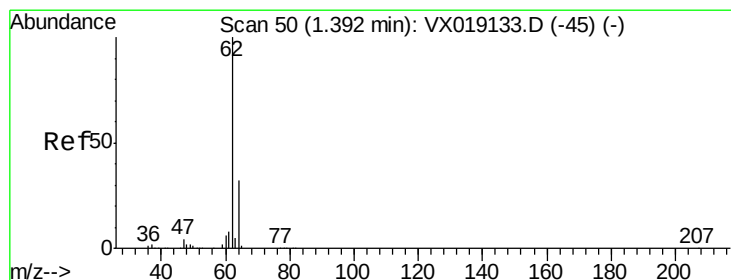
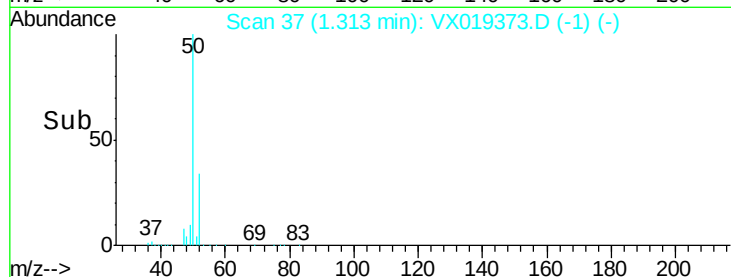
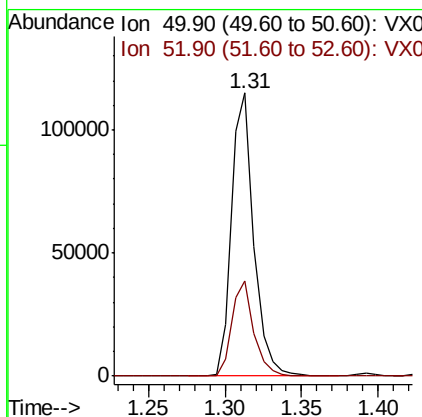
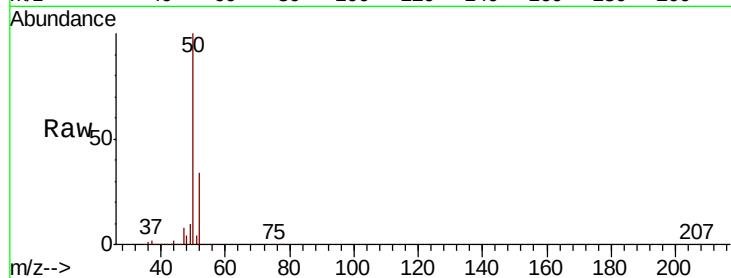
52 33.7 26.8 40.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.781 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019373.D

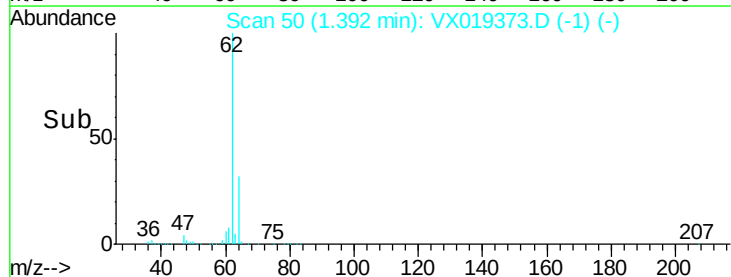
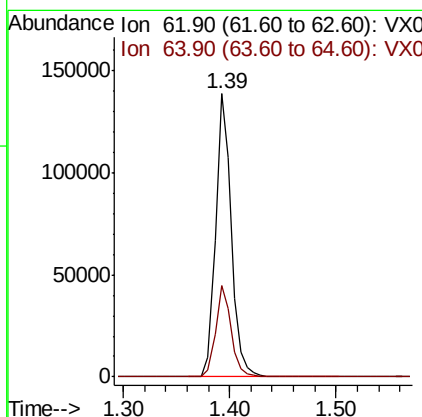
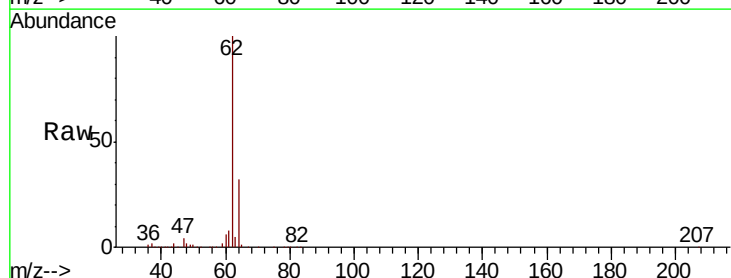
Acq: 09 Nov 2020 17:13

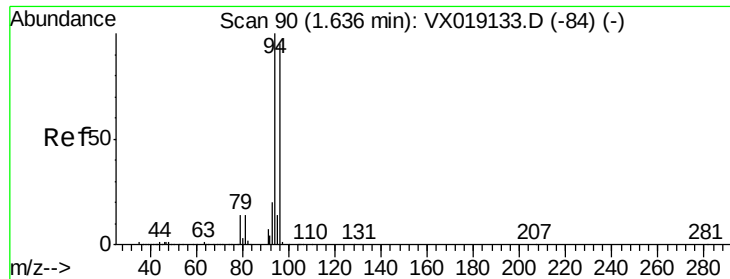
Tgt Ion: 62 Resp: 139820

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.0





#5

Bromomethane

Concen: 46.080 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 81814

Ion Ratio Lower Upper

94 100

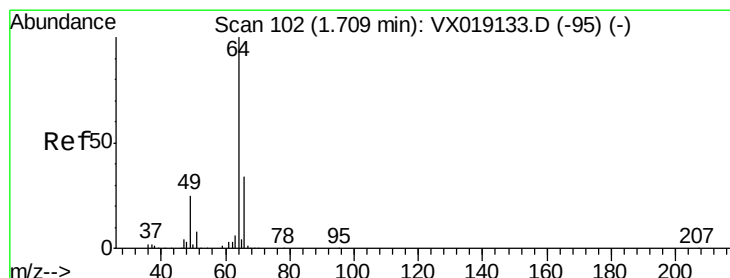
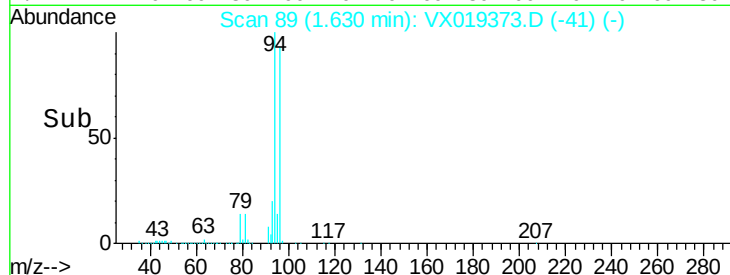
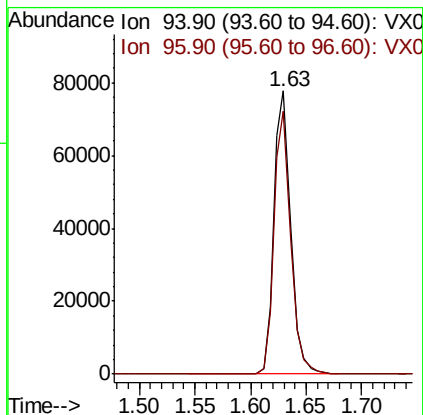
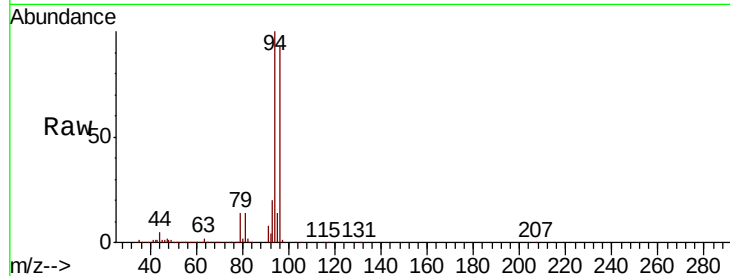
96 93.1 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 56.449 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019373.D

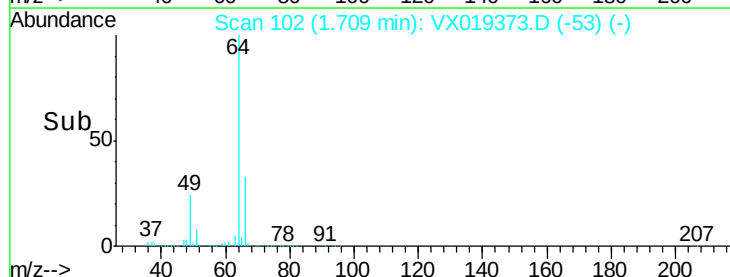
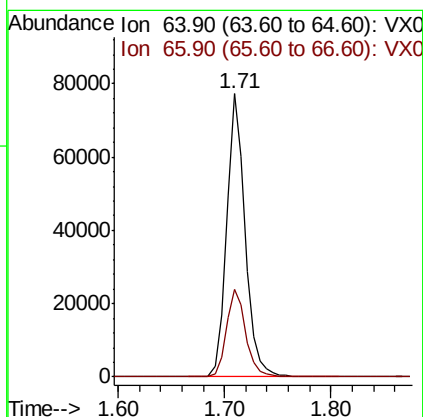
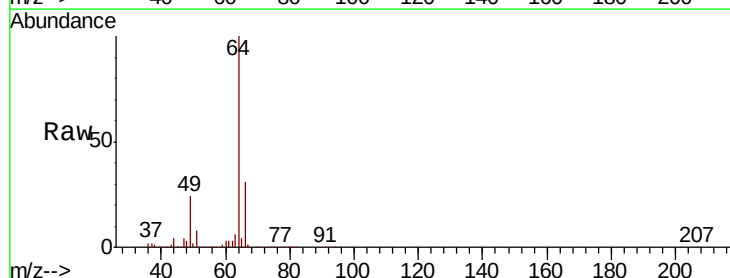
Acq: 09 Nov 2020 17:13

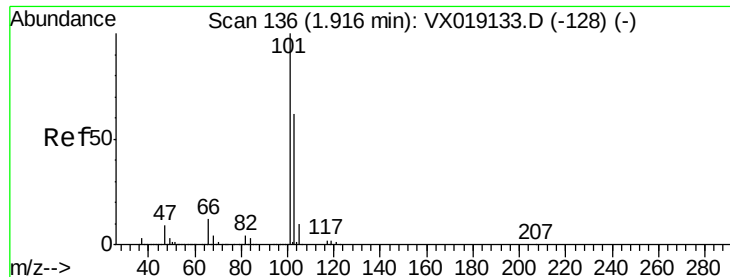
Tgt Ion: 64 Resp: 93701

Ion Ratio Lower Upper

64 100

66 31.0 27.1 40.7





#7

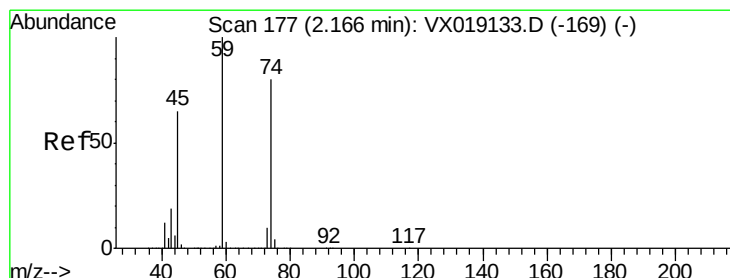
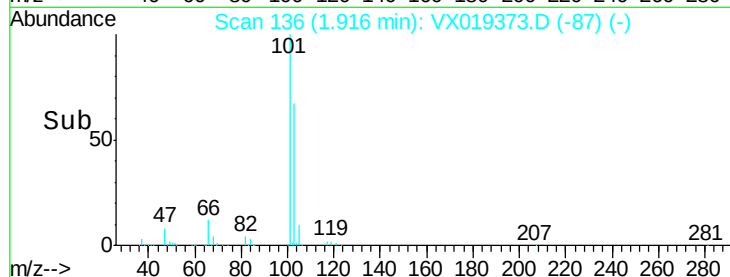
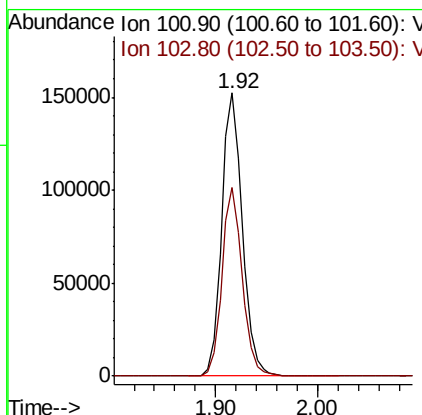
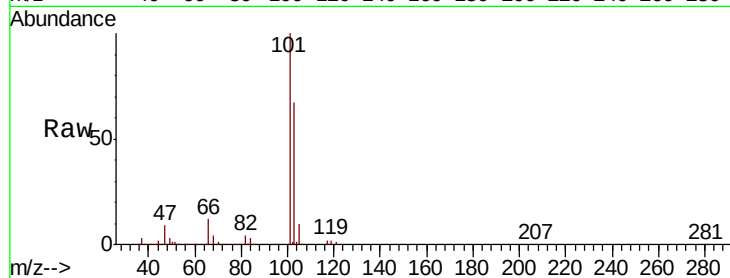
Trichlorofluoromethane
Concen: 52.636 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.6	50.0	75.0

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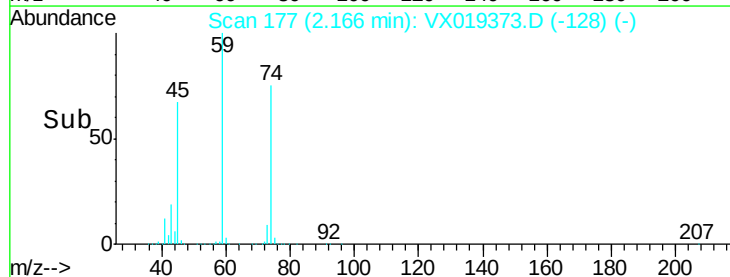
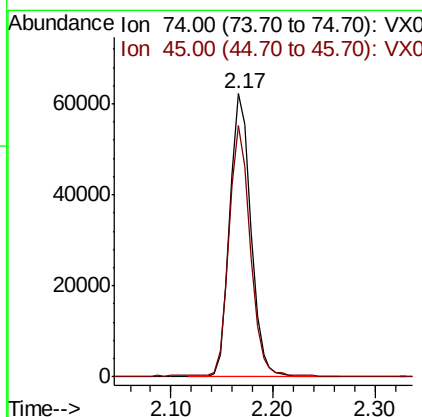
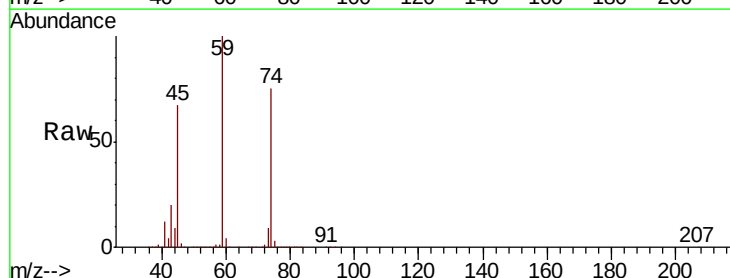
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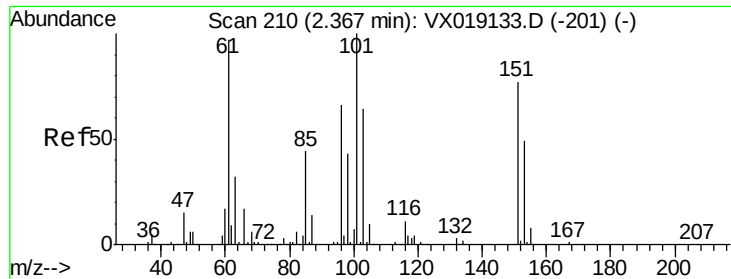


#8

Diethyl Ether
Concen: 56.495 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.2	41.0	123.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.361 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

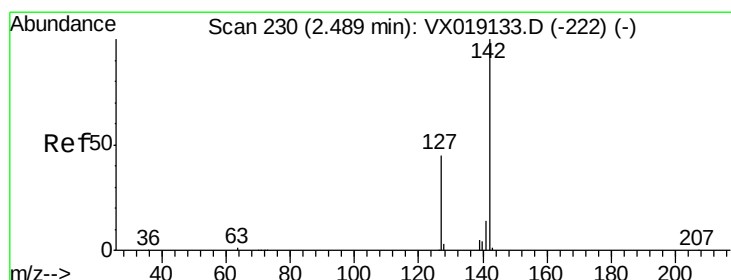
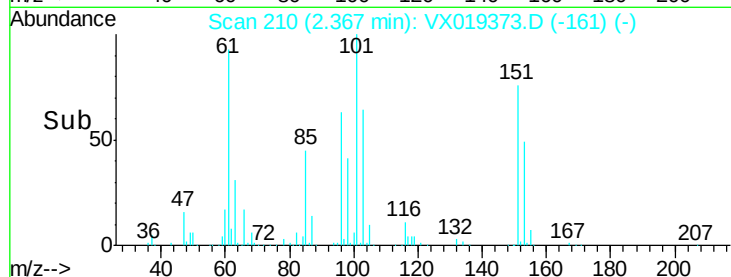
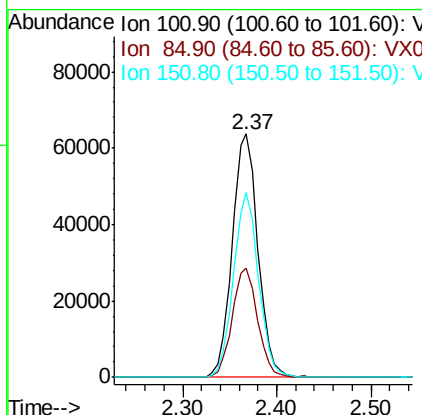
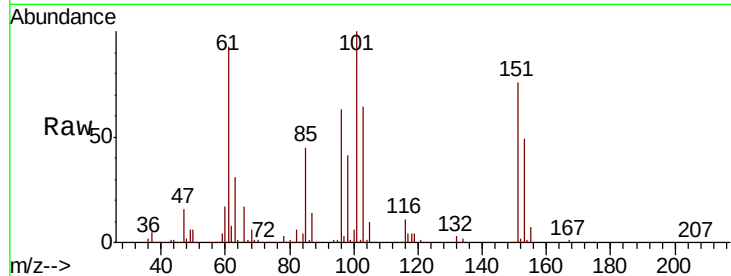
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	120802
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.0	52.4
151	74.2	61.4	92.2

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#10

Methyl Iodide

Concen: 38.564 ug/l

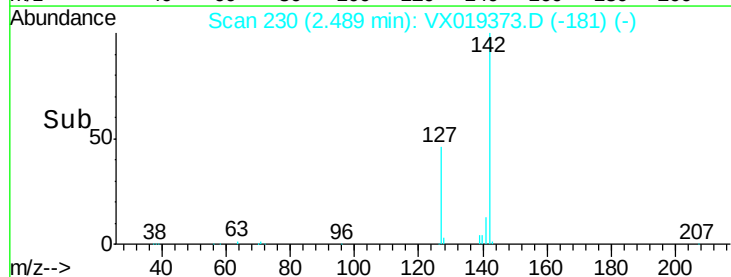
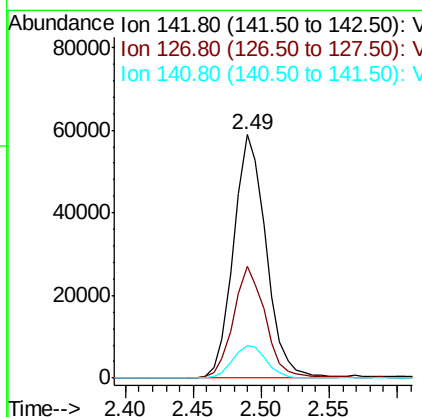
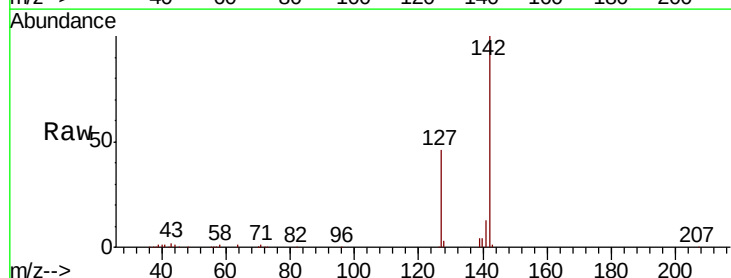
RT: 2.49 min Scan# 230

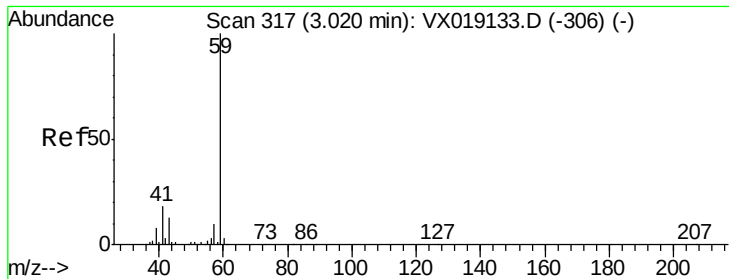
Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion:	142	Resp:	98580
Ion Ratio	Lower	Upper	
142	100		
127	45.4	36.1	54.1
141	14.0	11.3	16.9





#11

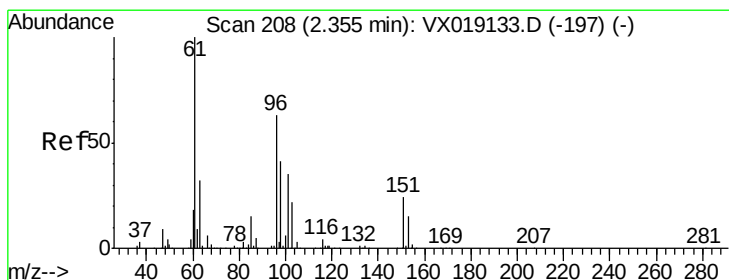
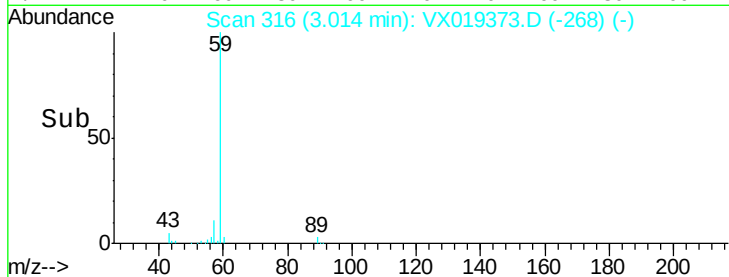
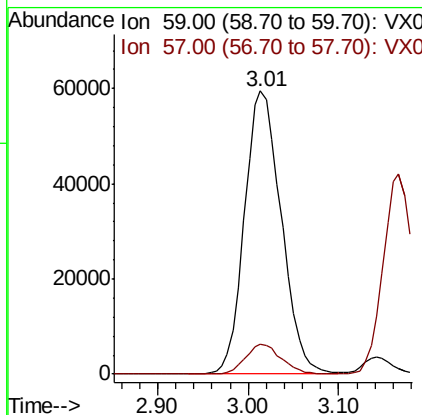
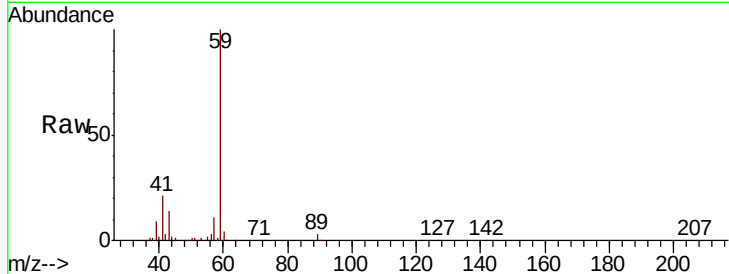
Tert butyl alcohol
Concen: 272.365 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.4	12.6

Manual Integrations
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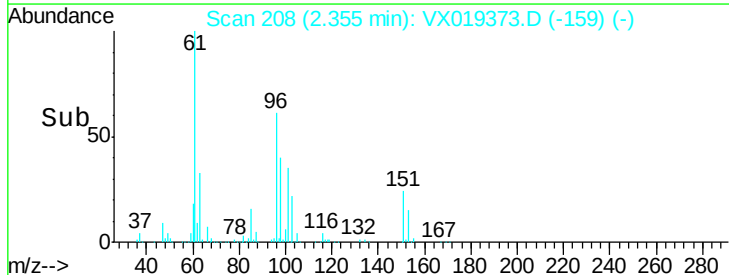
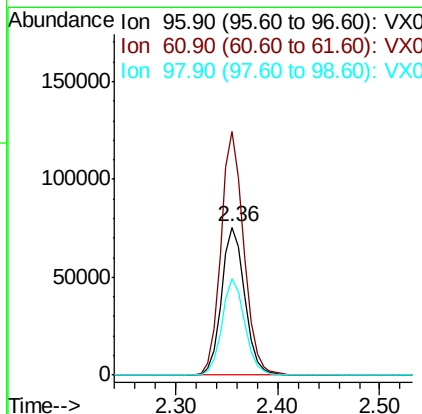
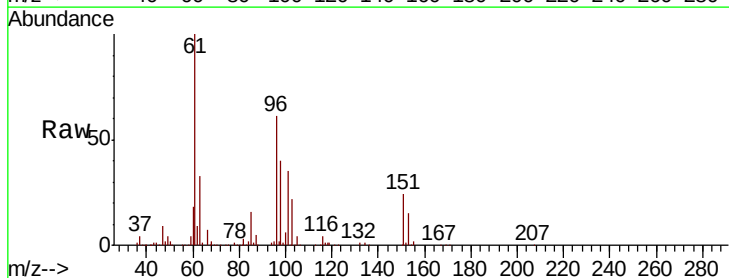
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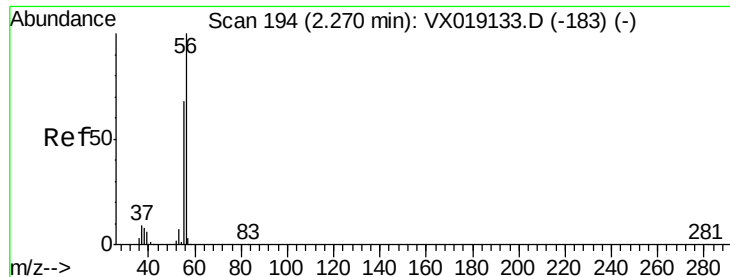


#12

1,1-Dichloroethene
Concen: 51.307 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	127.7	191.5
98	65.1	52.1	78.1





#13

Acrolein

Concen: 257.567 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 70651

Ion Ratio Lower Upper

56 100

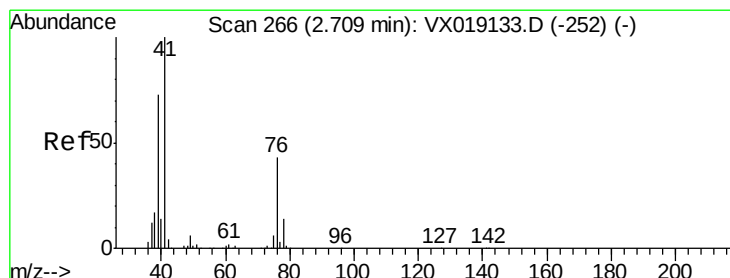
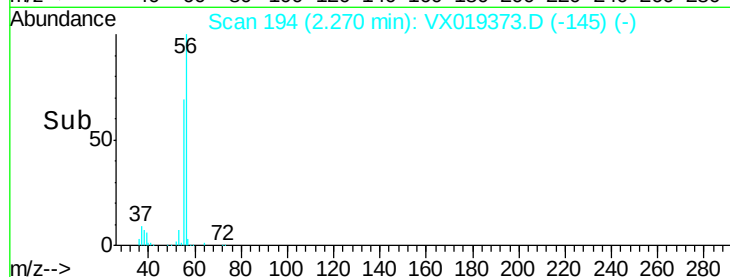
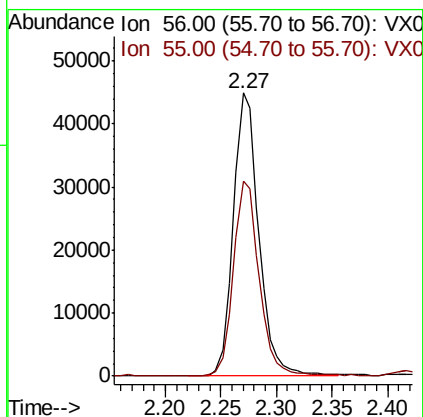
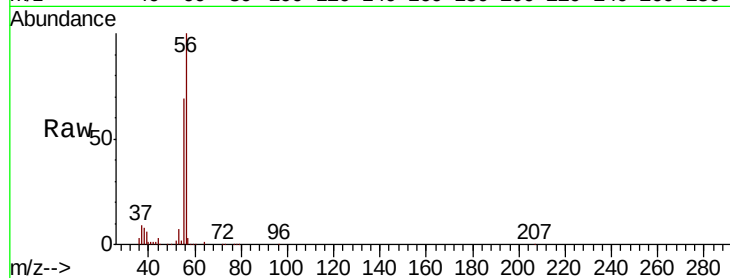
55 69.8 54.7 82.1

Manual Integrations

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#14

Allyl chloride

Concen: 56.913 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

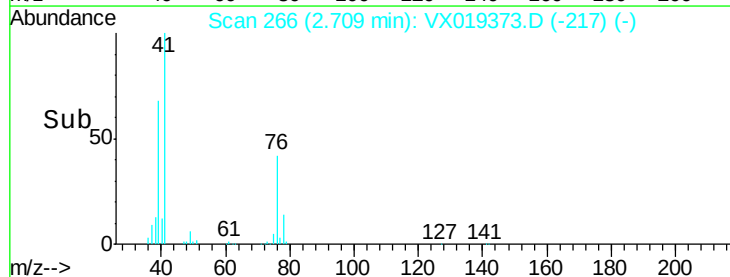
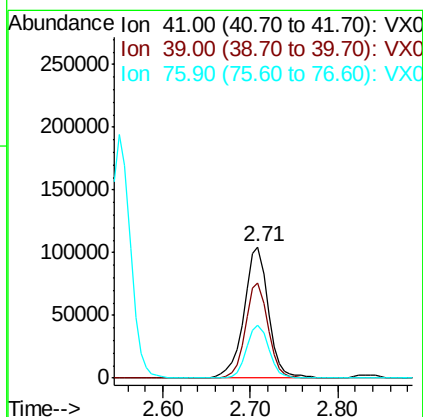
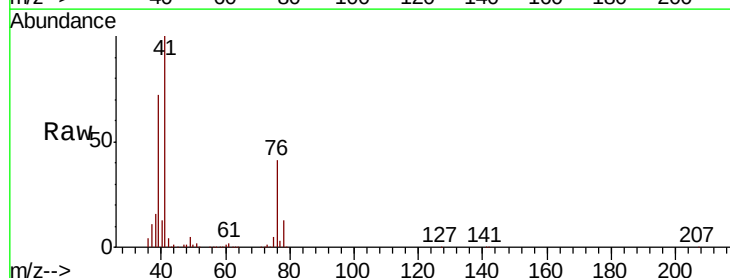
Tgt Ion: 41 Resp: 201101

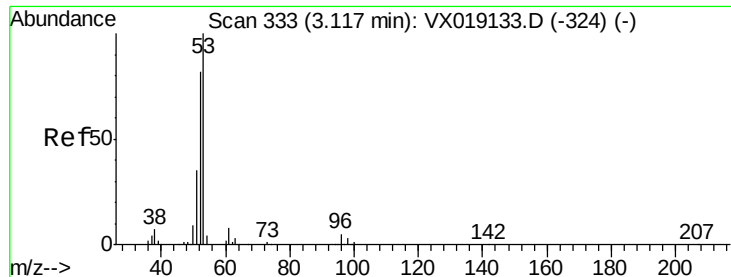
Ion Ratio Lower Upper

41 100

39 67.4 55.2 82.8

76 37.1 31.5 47.3





#15

Acrylonitrile

Concen: 288.039 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

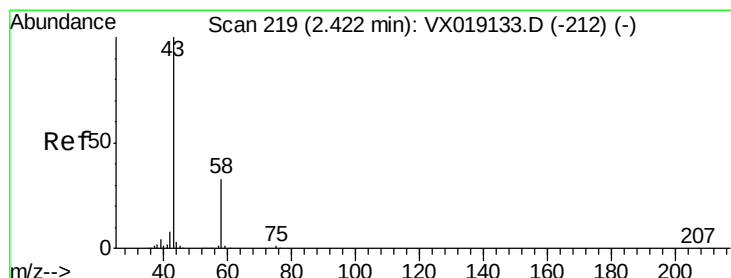
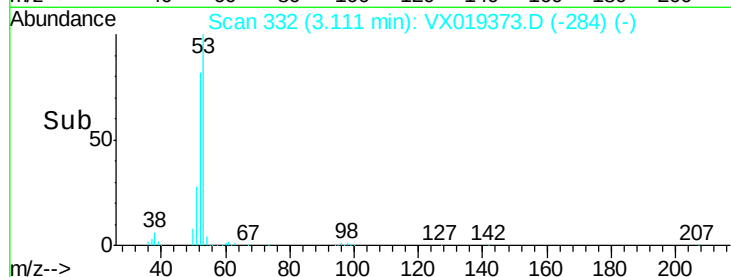
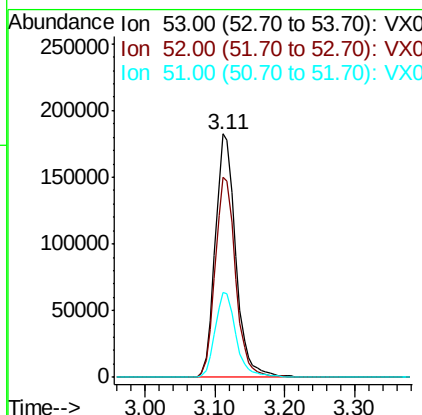
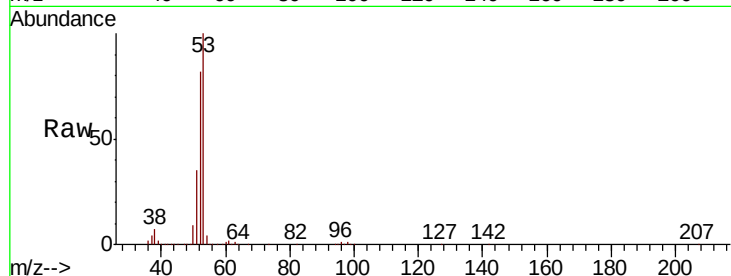
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	371089
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.7	98.5
51	35.7	28.4	42.6

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#16

Acetone

Concen: 308.775 ug/l

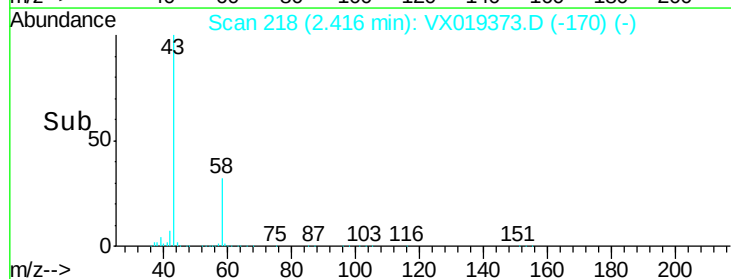
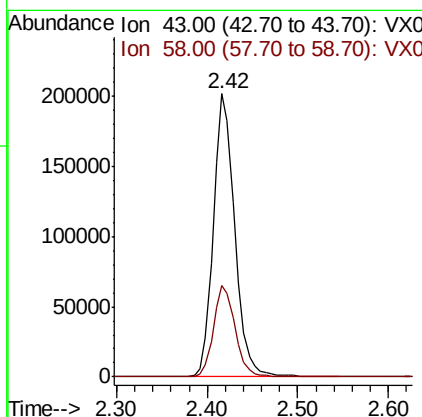
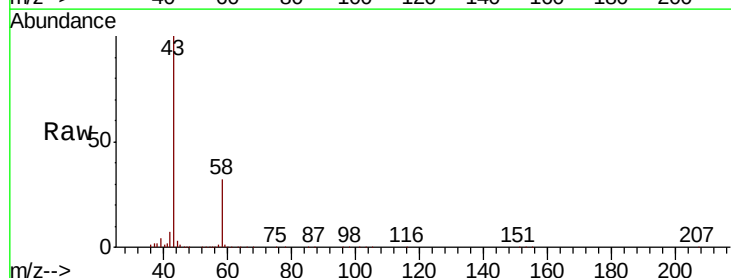
RT: 2.42 min Scan# 218

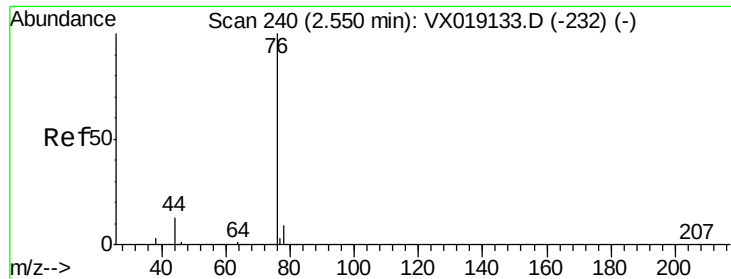
Delta R.T. -0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion:	43	Resp:	330650
Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.3	39.5





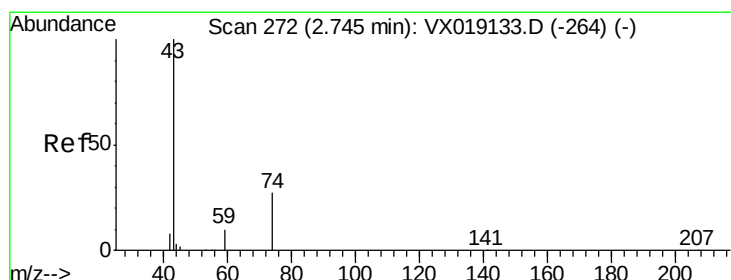
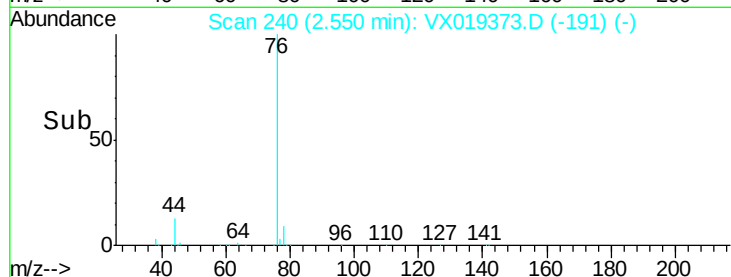
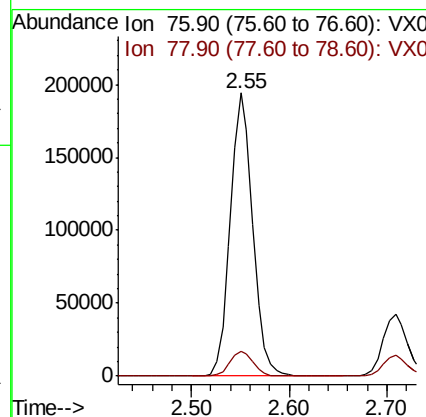
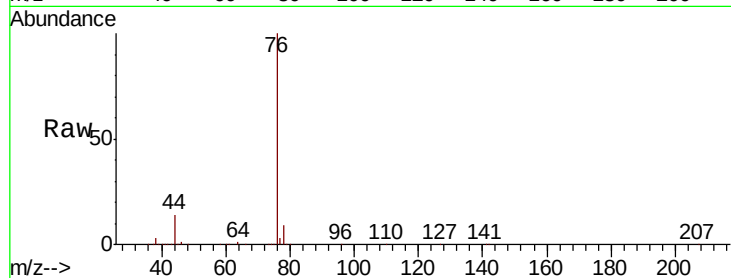
#17
Carbon Disulfide
Concen: 46.419 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.3	10.9

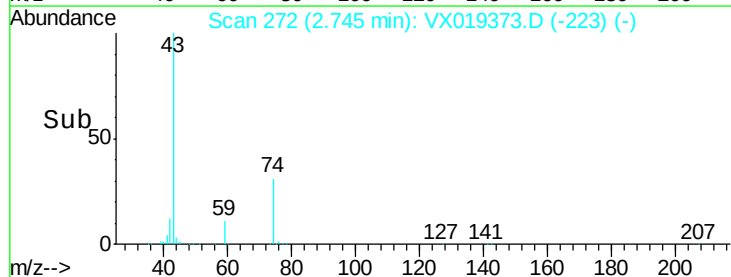
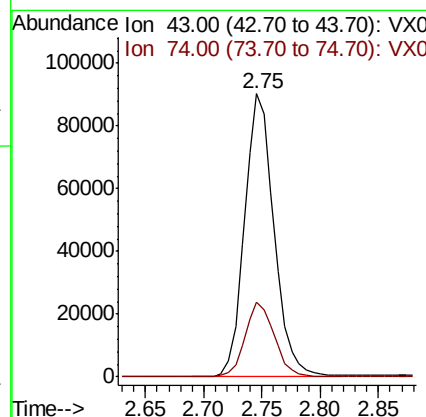
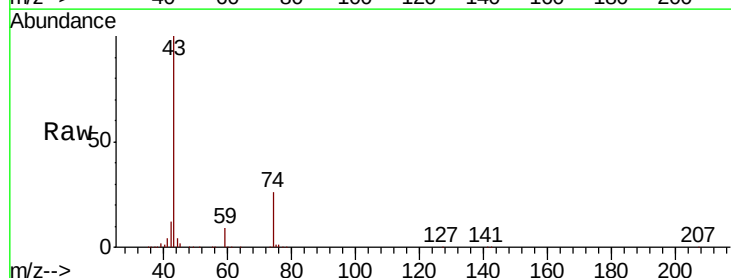
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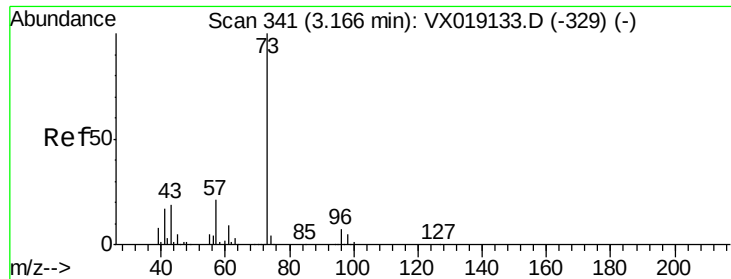
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#18
Methyl Acetate
Concen: 61.108 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.8	22.6	33.8





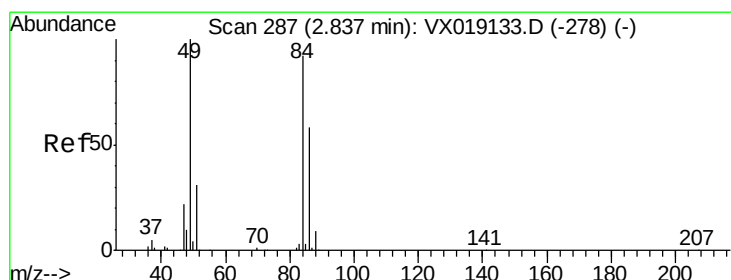
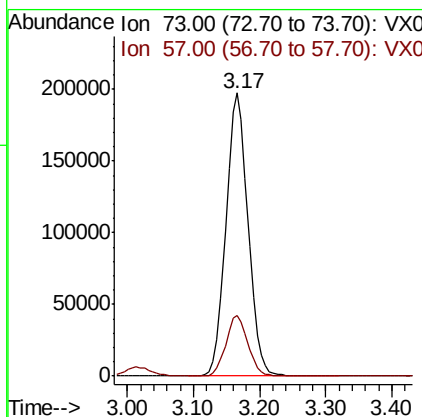
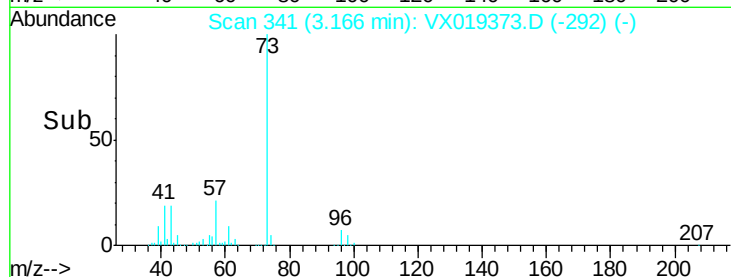
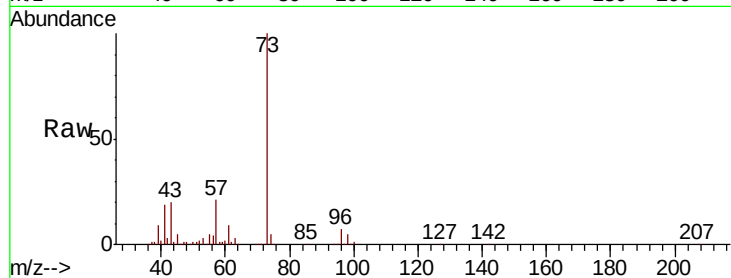
#19
Methyl tert-butyl Ether
Concen: 56.358 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.6	25.0

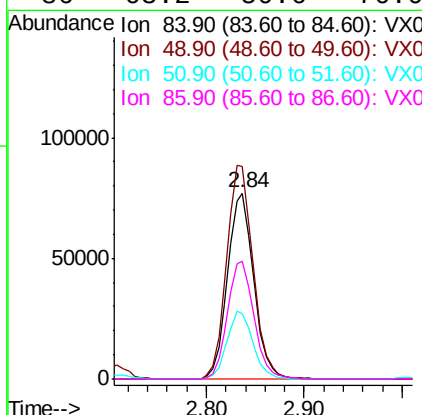
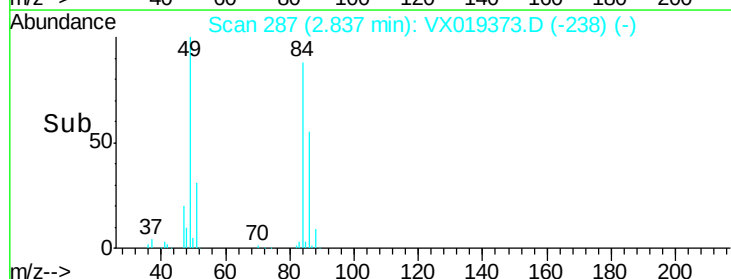
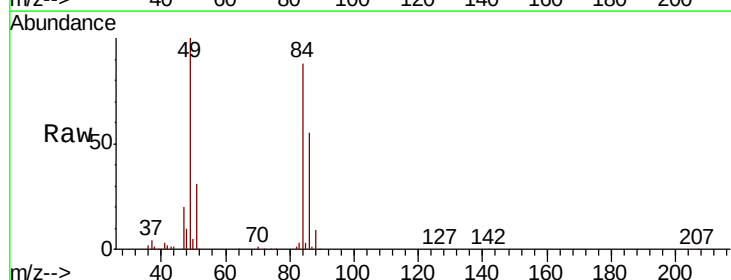
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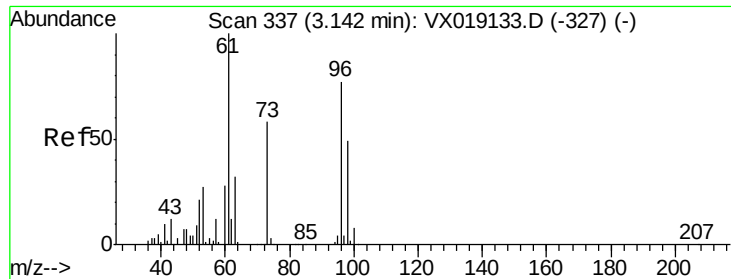
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#20
Methylene Chloride
Concen: 53.174 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	86.8	130.2
51	35.2	27.3	40.9
86	63.2	50.6	76.0





#21

trans-1,2-Dichloroethene

Concen: 51.147 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

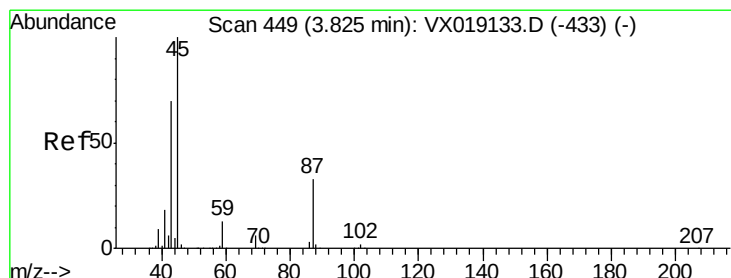
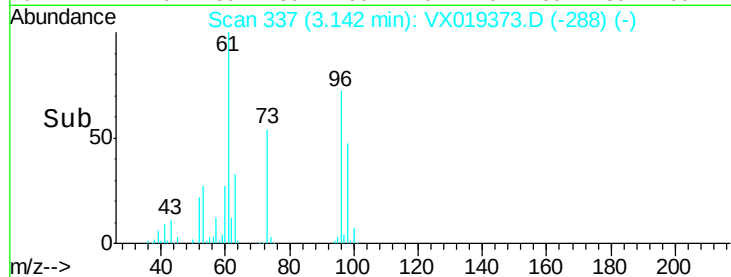
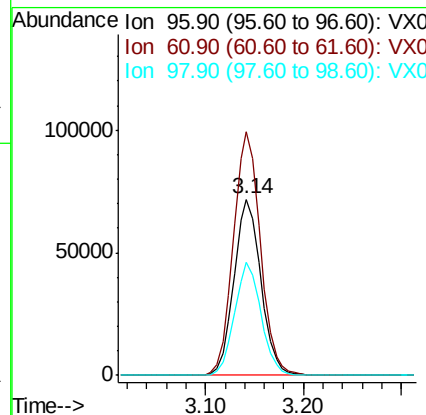
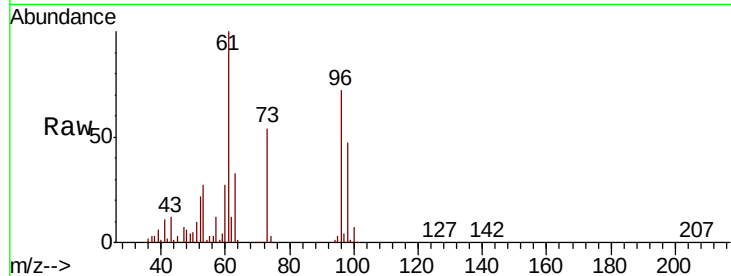
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	137324
Ion	Ratio	Lower	Upper
96	100		
61	138.3	104.2	156.4
98	64.3	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 60.120 ug/l

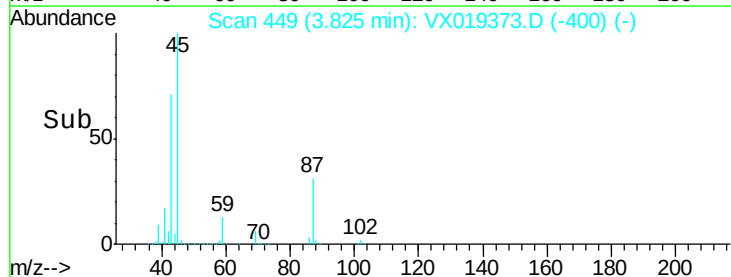
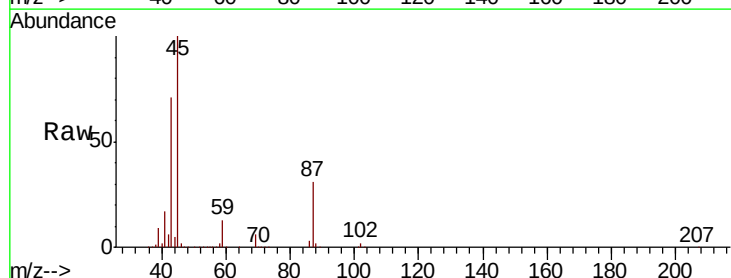
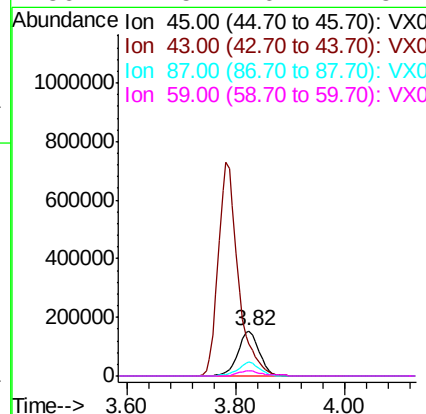
RT: 3.82 min Scan# 449

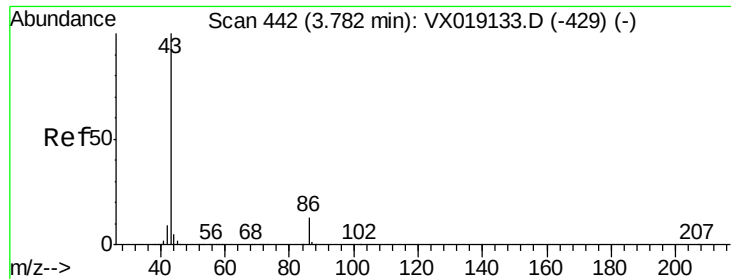
Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion:	45	Resp:	423504
Ion	Ratio	Lower	Upper
45	100		
43	70.6	56.2	84.4
87	30.6	26.2	39.2
59	12.5	10.1	15.1





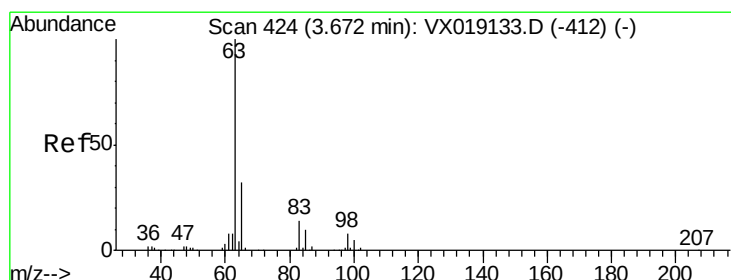
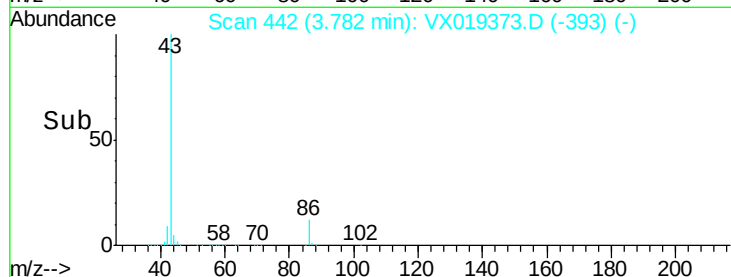
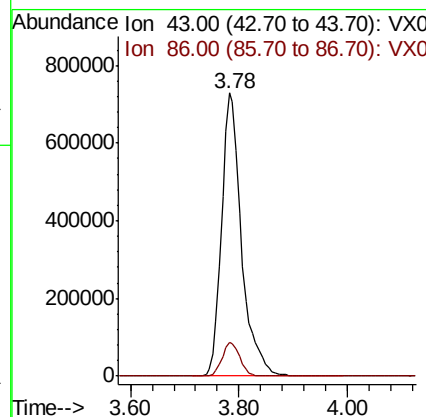
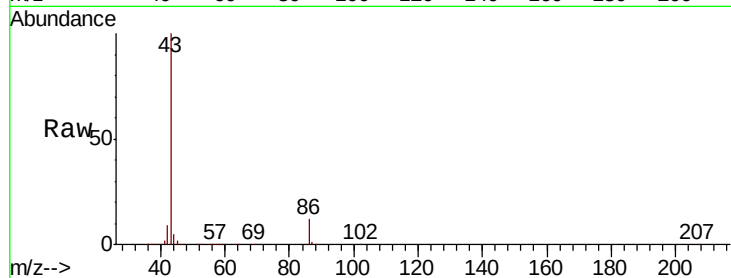
#23
 Vinyl Acetate
 Concen: 294.481 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1849882
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.4 15.6

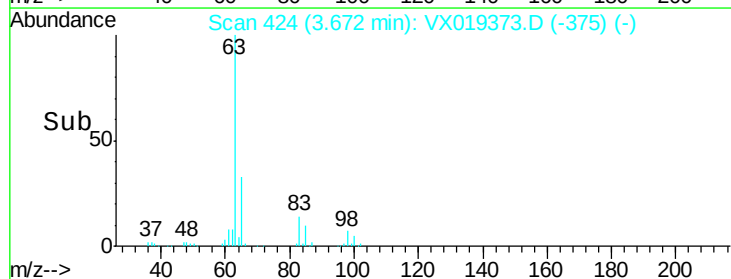
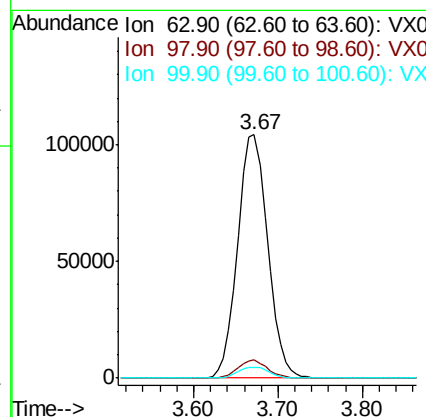
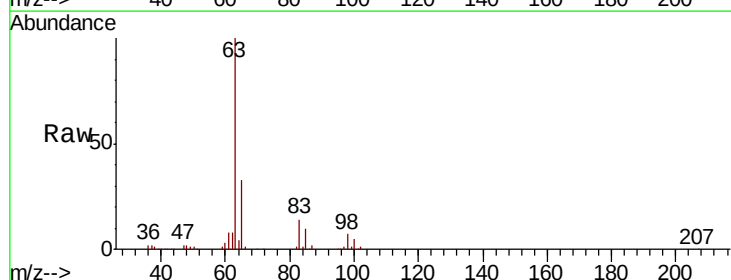
Manual Integrations
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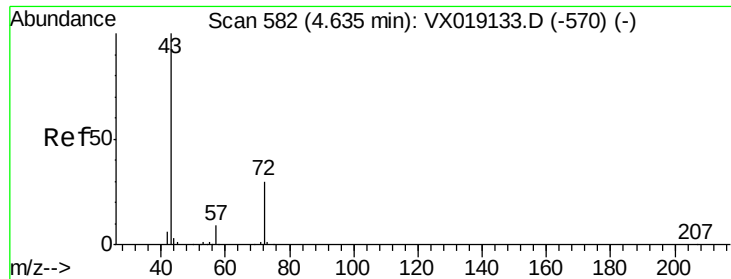
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#24
 1,1-Dichloroethane
 Concen: 57.276 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion: 63 Resp: 251915
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.8 11.4
 100 4.6 2.4 7.2





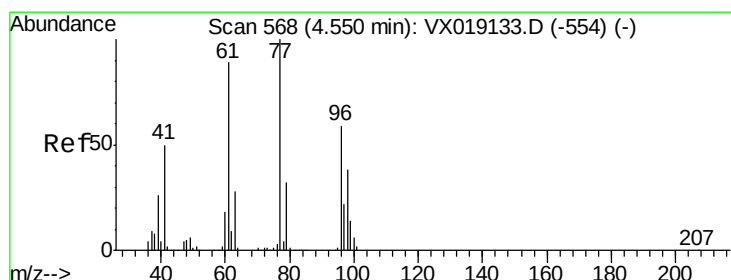
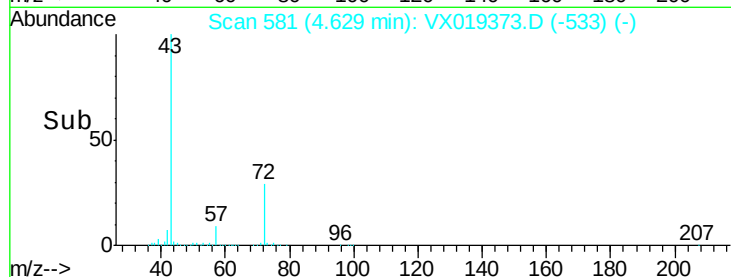
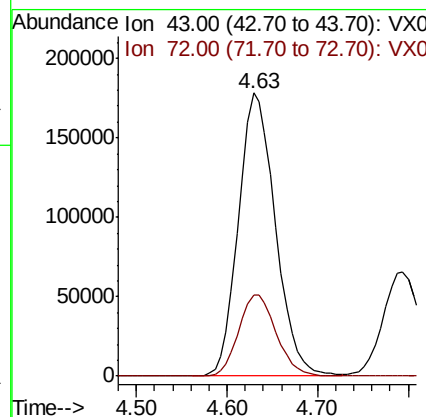
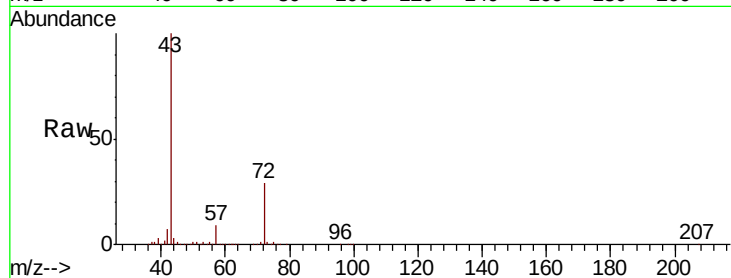
#25
2-Butanone
Concen: 296.353 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.4	24.6	36.8

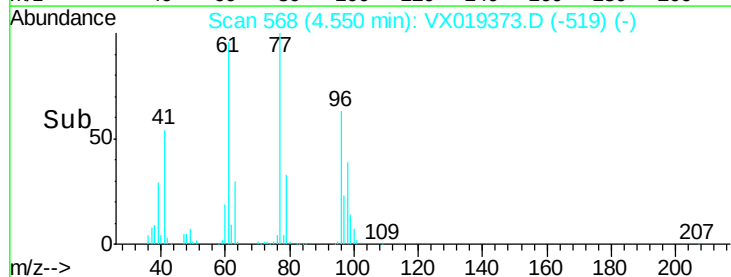
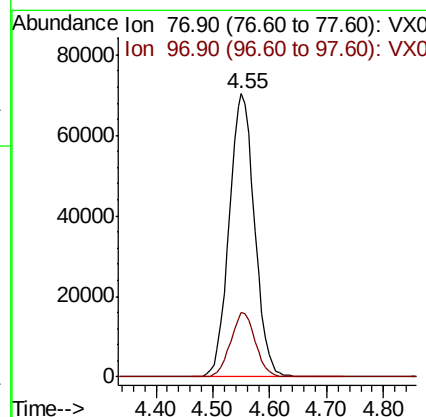
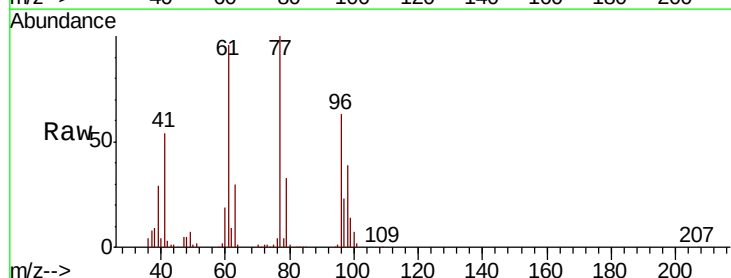
Manual Integrations
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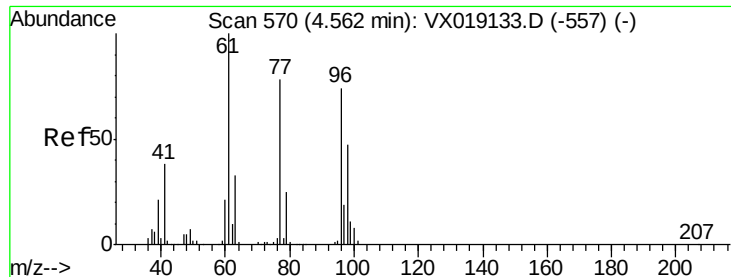
MMDadoda
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#26
2,2-Dichloropropane
Concen: 52.804 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.3	11.4	34.1





#27

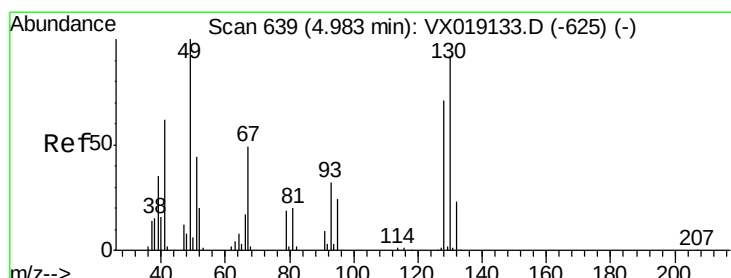
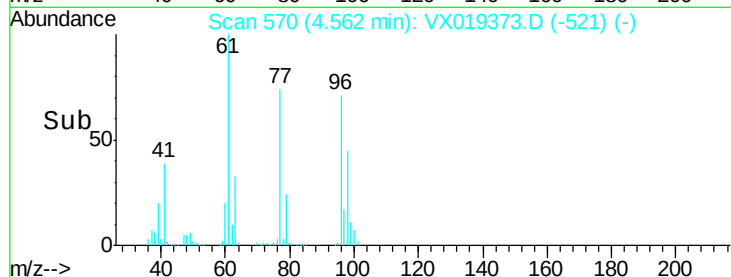
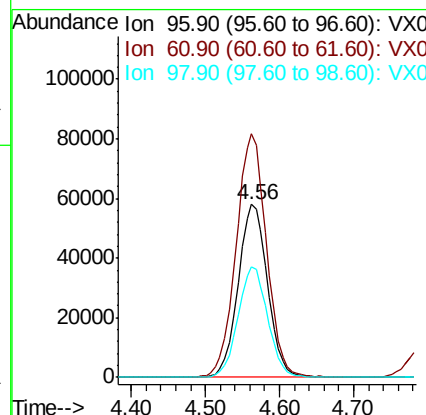
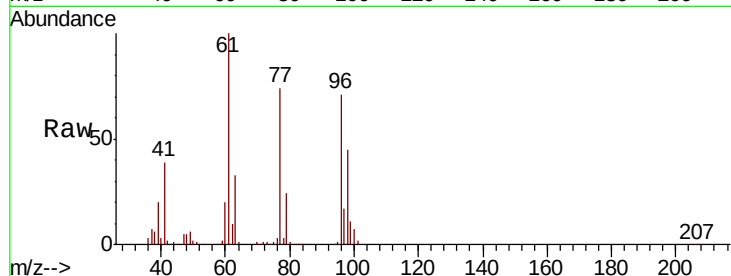
cis-1,2-Dichloroethene
Concen: 53.445 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.5	0.0	278.8	
98	64.5	0.0	130.2	

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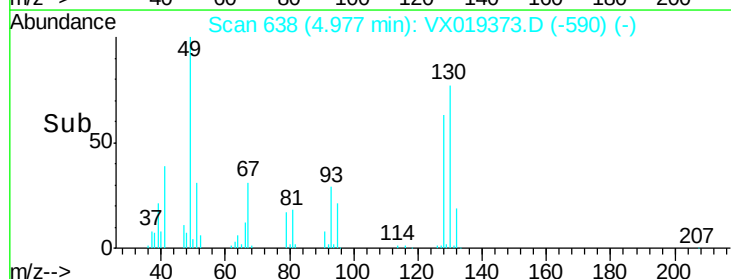
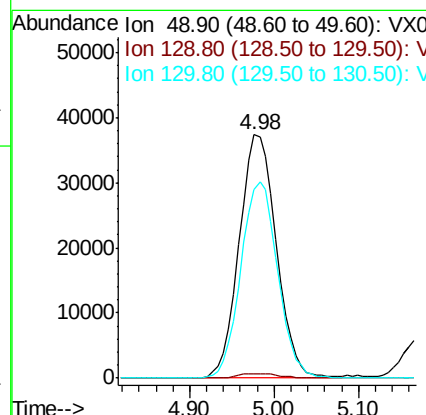
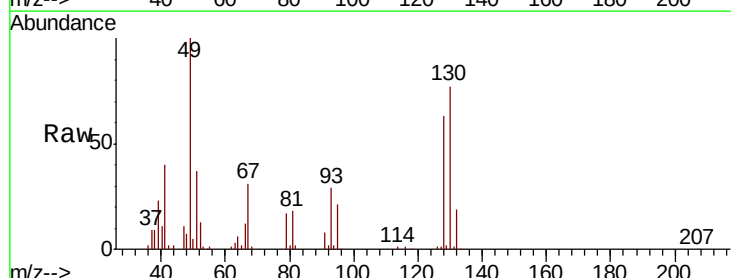
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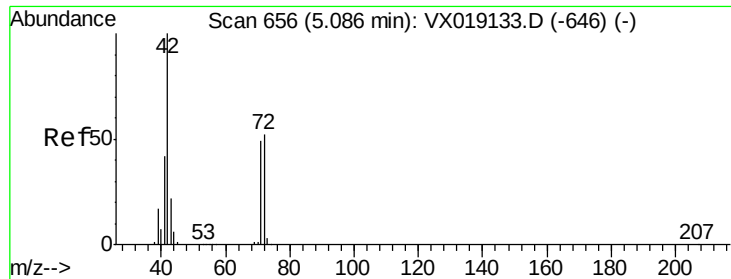


#28

Bromochloromethane
Concen: 55.893 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	80.0	71.3	106.9	





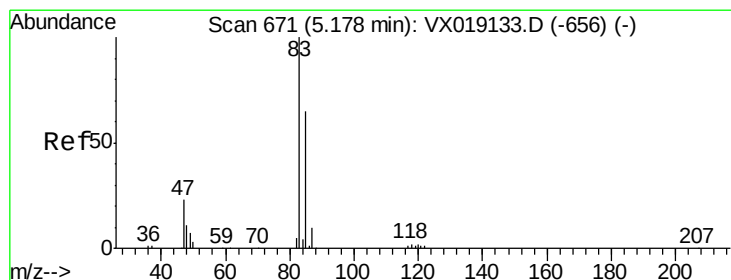
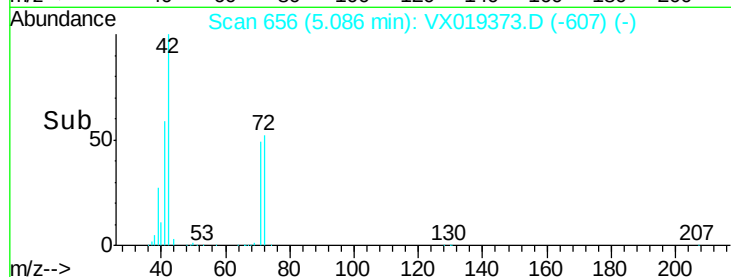
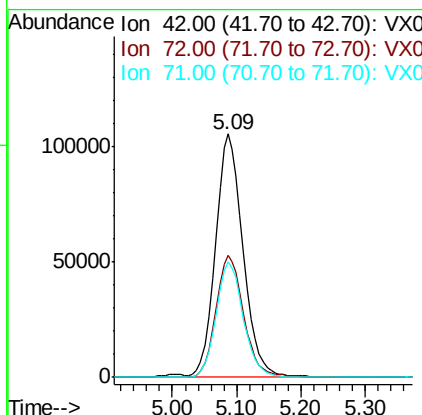
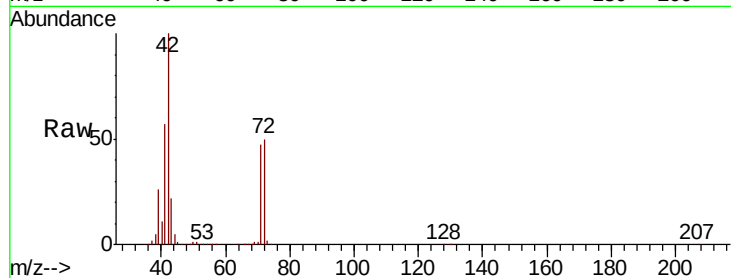
#29
Tetrahydrofuran
Concen: 297.647 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.0	42.6	63.8
71	47.2	39.7	59.5

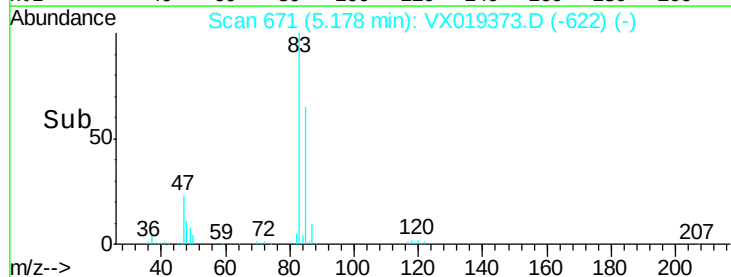
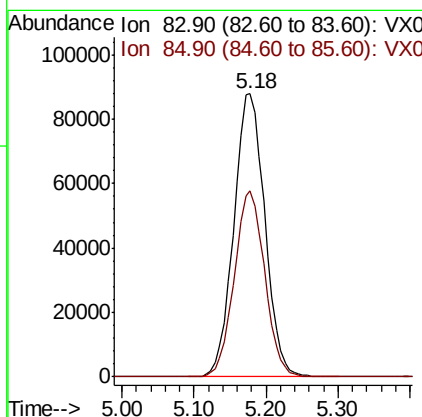
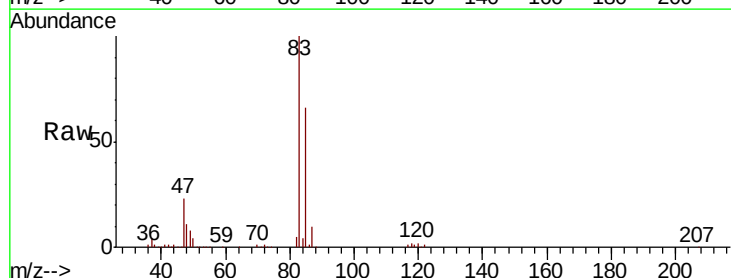
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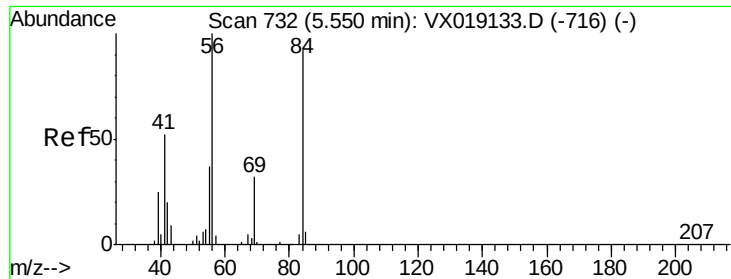
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#30
Chloroform
Concen: 56.136 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.9	77.9





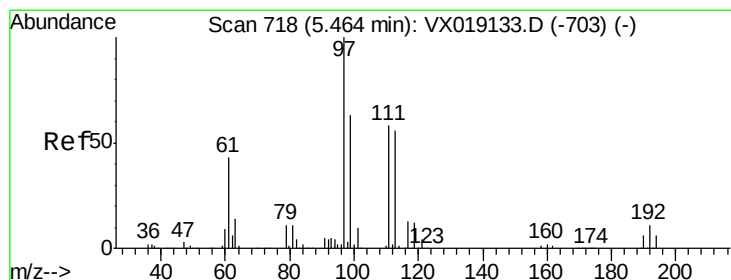
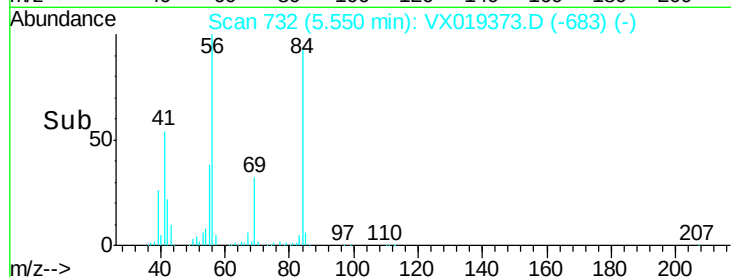
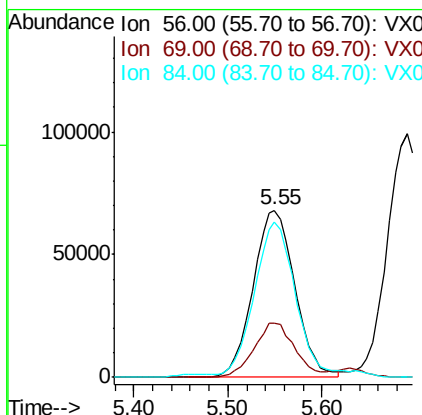
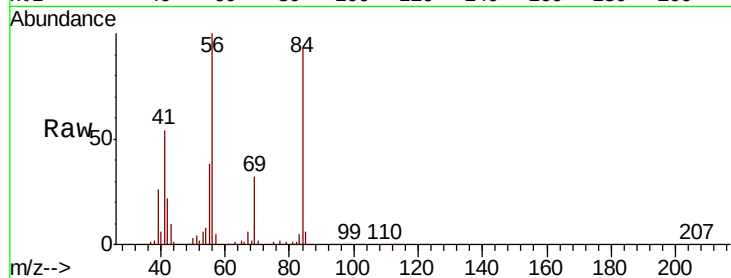
#31
Cyclohexane
Concen: 53.936 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.9	38.9
84	91.3	73.4	110.2

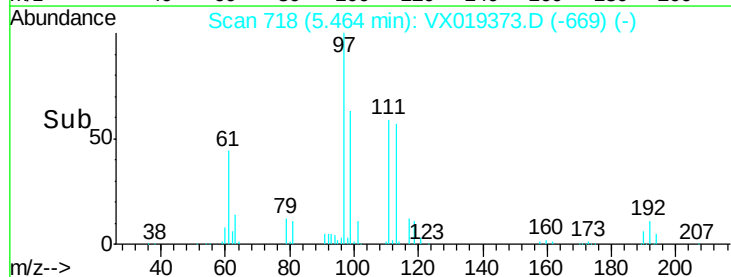
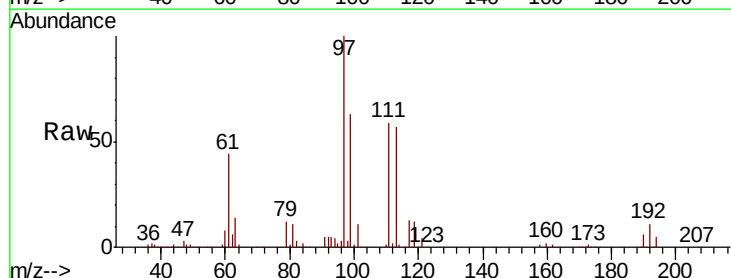
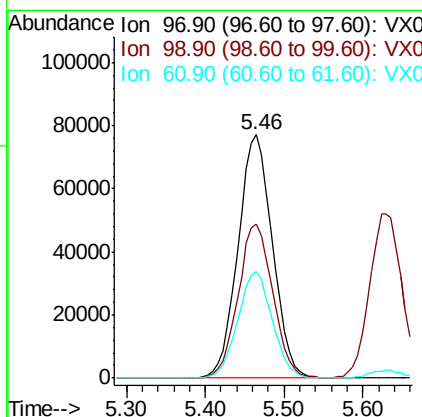
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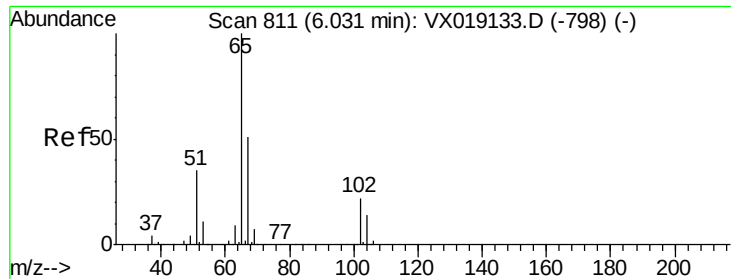
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#32
1,1,1-Trichloroethane
Concen: 55.105 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	44.1	34.2	51.2





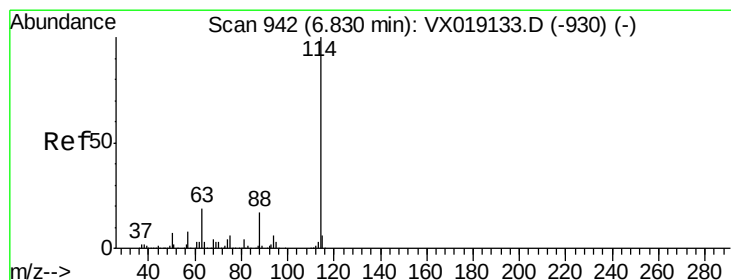
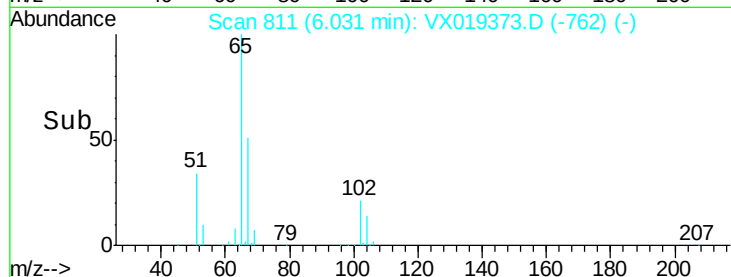
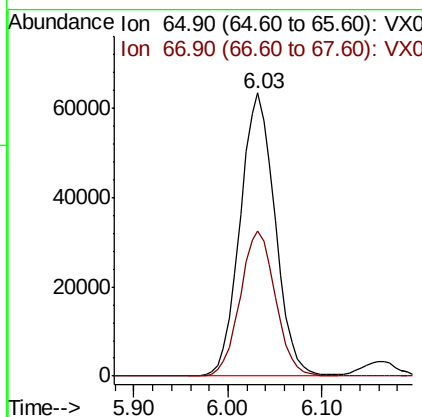
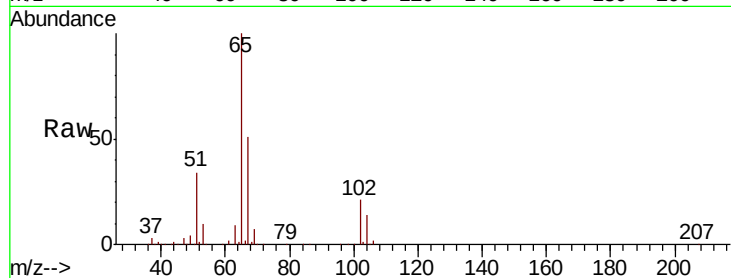
#33
 1,2-Dichloroethane-d4
 Concen: 52.769 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	103.0

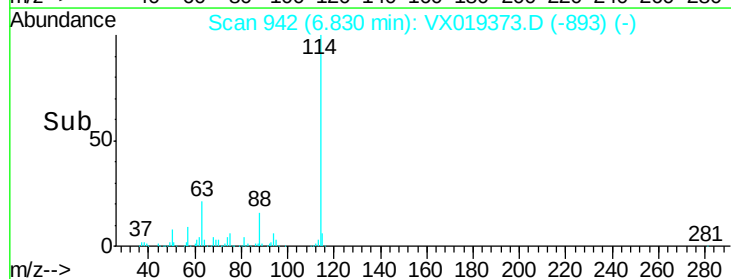
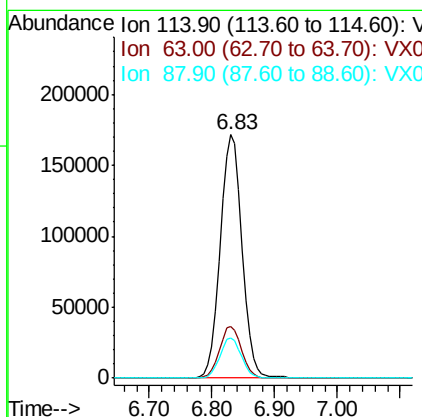
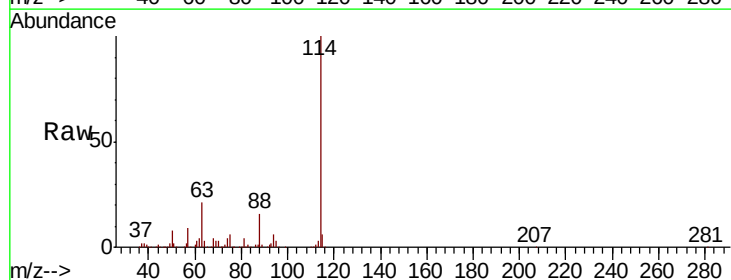
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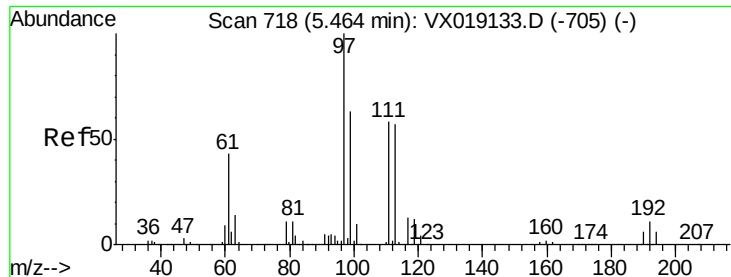
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	38.8
88	16.5	0.0	34.2





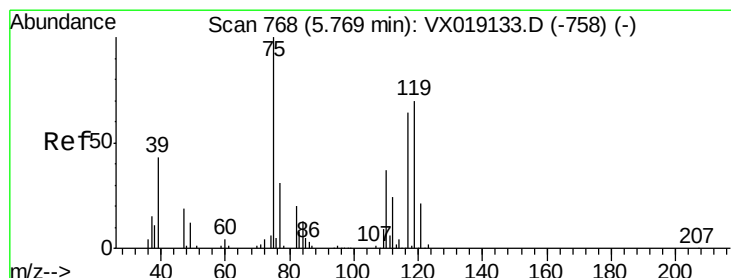
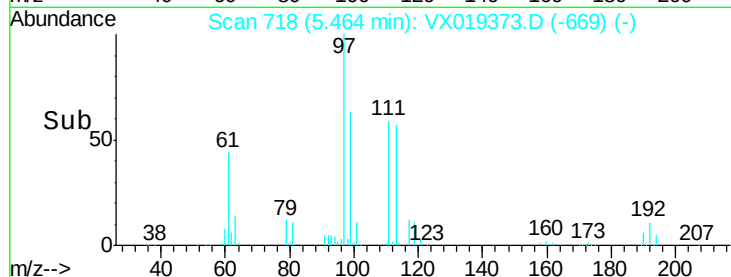
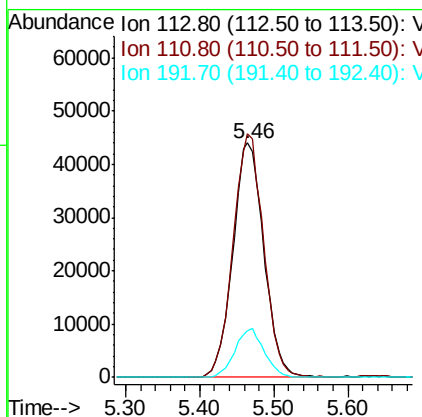
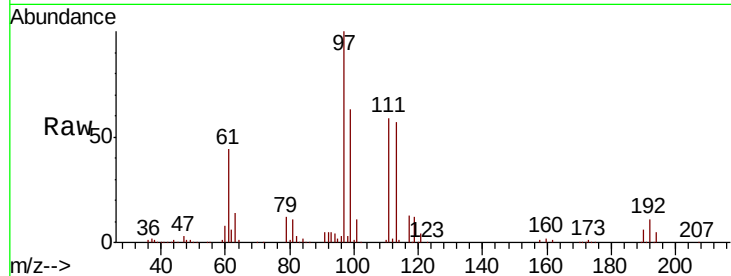
#35
 Dibromofluoromethane
 Concen: 49.452 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	128345		
111	102.6	82.3	123.5	
192	19.7	16.2	24.2	

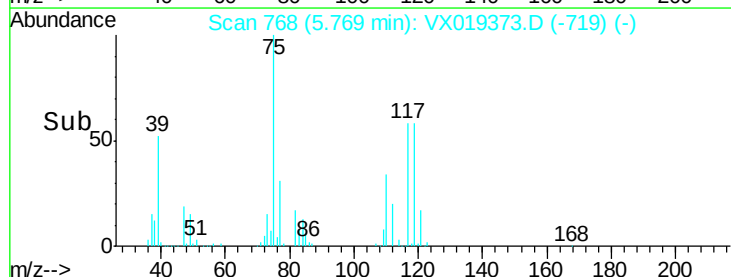
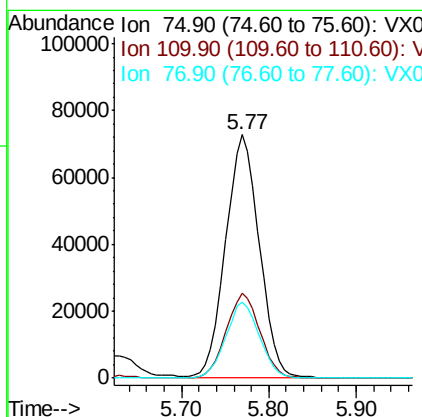
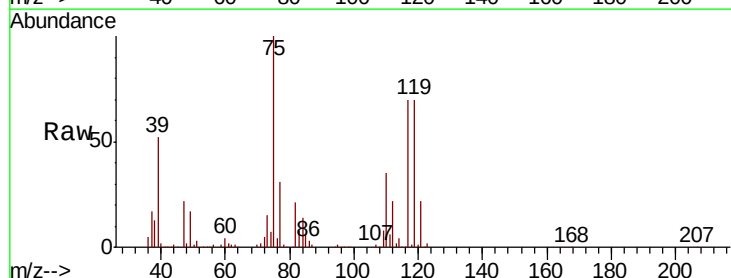
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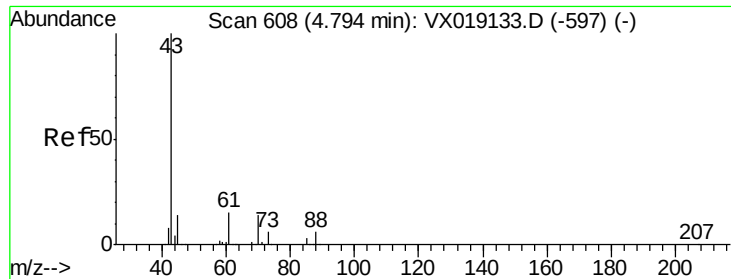
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#36
 1,1-Dichloropropene
 Concen: 50.977 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	194499		
110	35.1	18.3	54.9	
77	31.7	24.9	37.3	





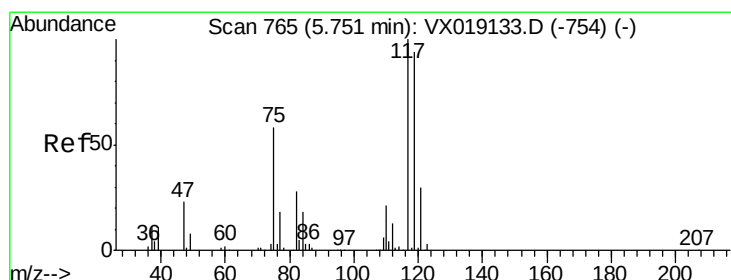
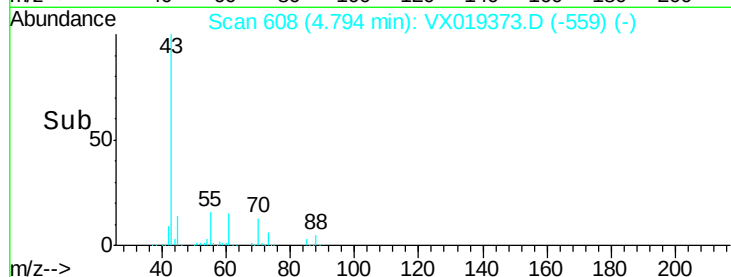
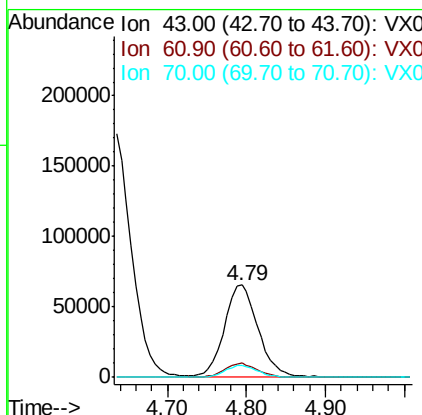
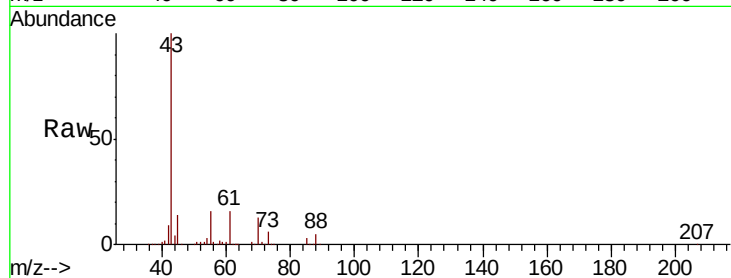
#37
Ethyl Acetate
Concen: 54.705 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.5	18.7
70	12.3	10.5	15.7

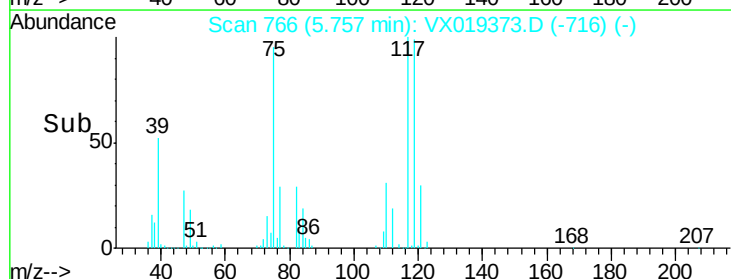
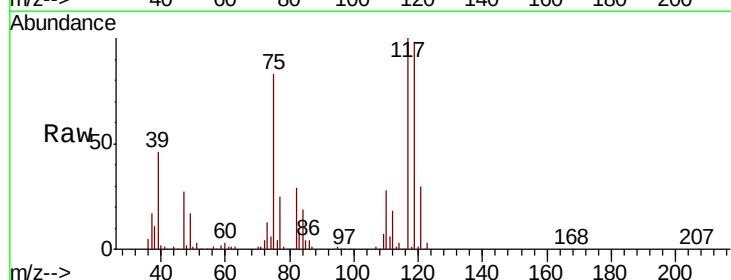
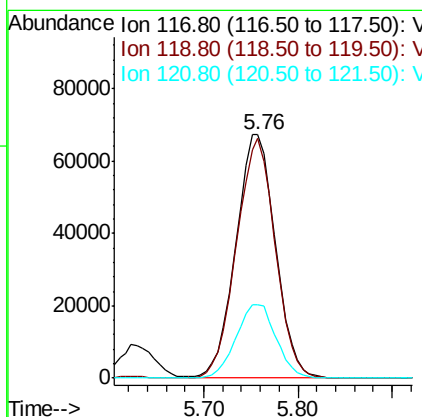
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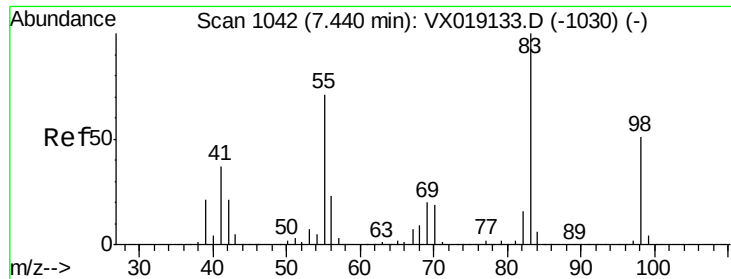
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#38
Carbon Tetrachloride
Concen: 50.728 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.4	75.0	112.6
121	30.0	23.9	35.9





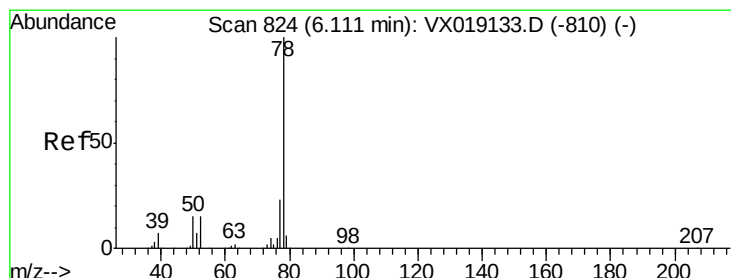
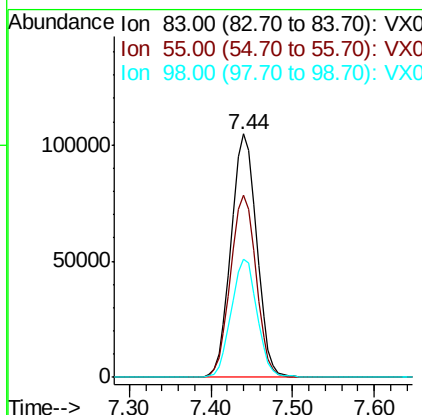
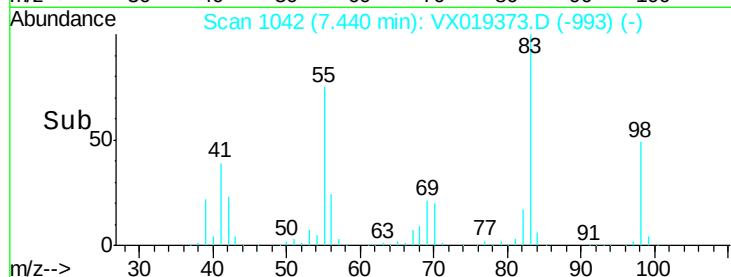
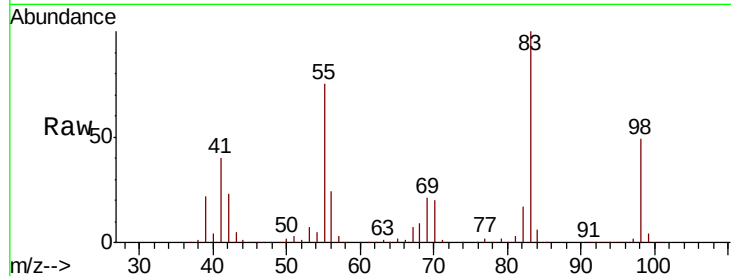
#39
Methylvlcyclohexane
Concen: 49.757 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	57.0	85.6
98	48.6	40.5	60.7

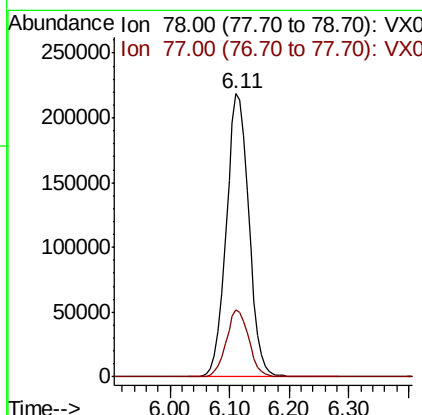
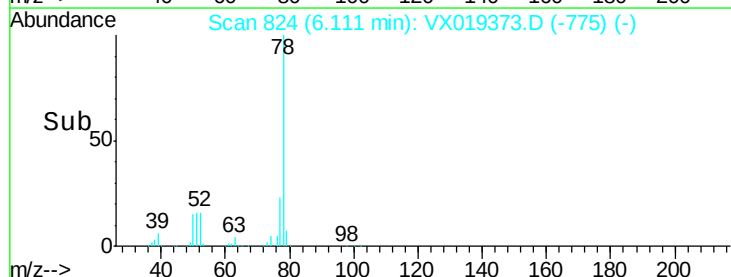
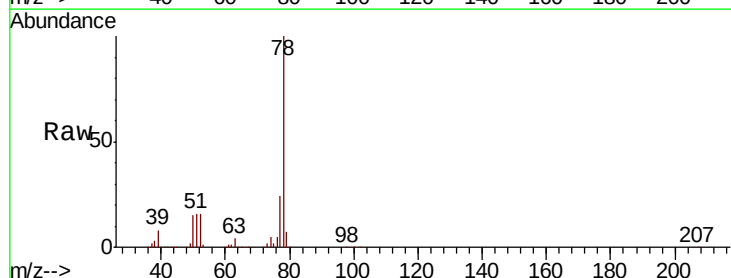
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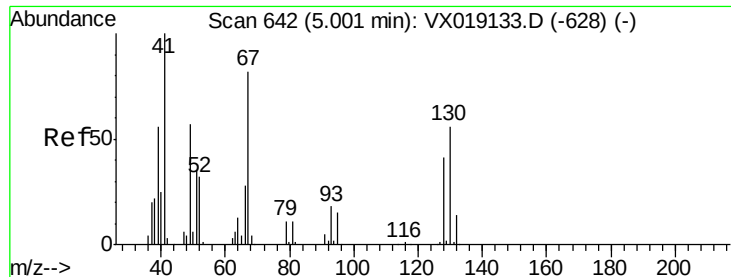
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#40
Benzene
Concen: 53.193 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.7	28.1





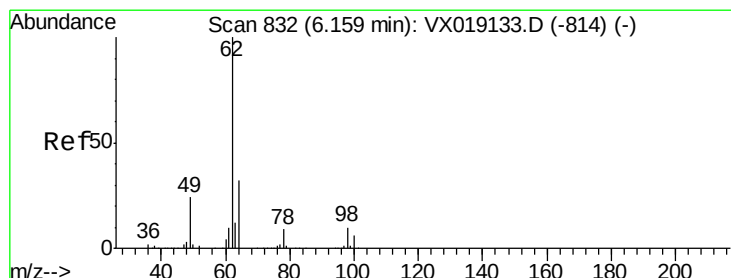
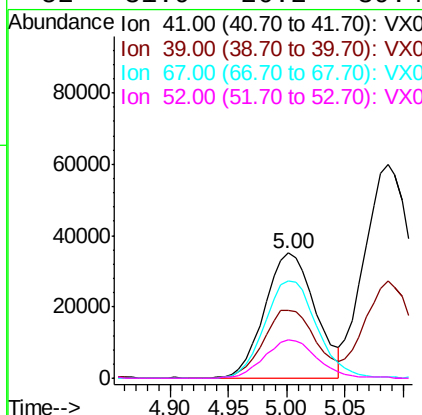
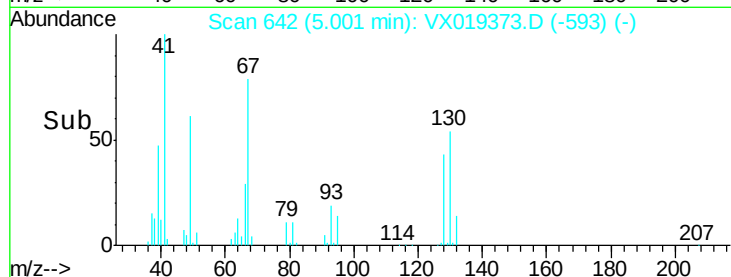
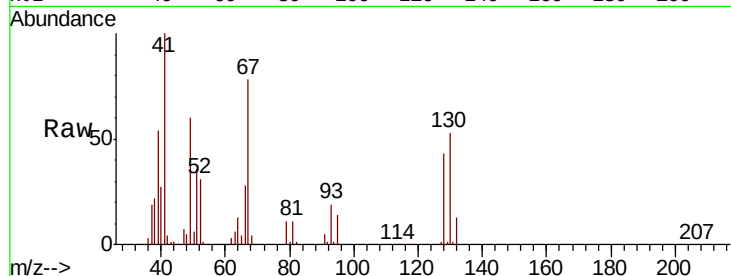
#41
Methacrylonitrile
Concen: 55.413 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.0	44.4	66.6		
67	80.4	66.4	99.6		
52	31.9	26.2	39.4		

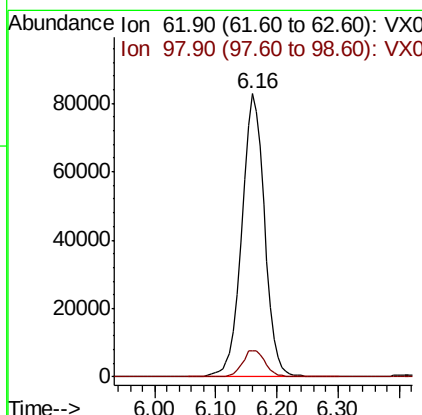
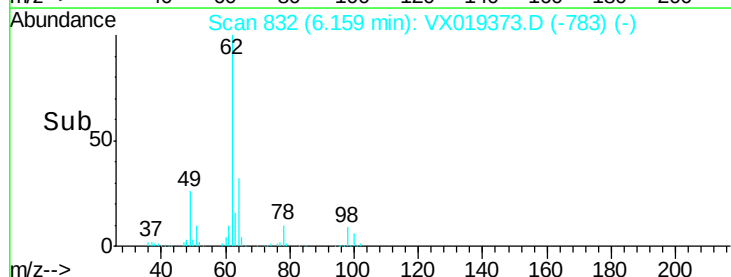
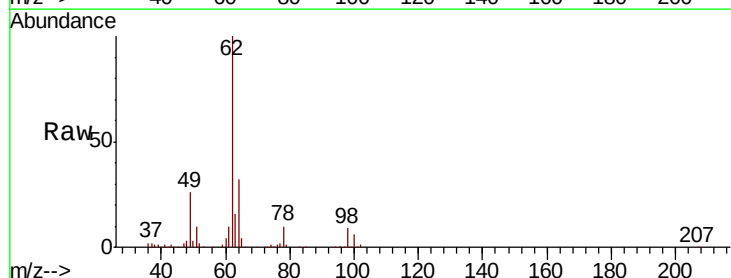
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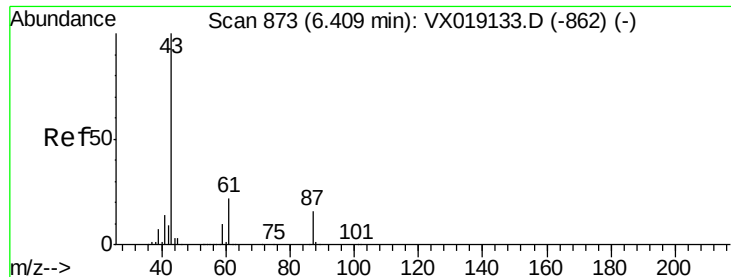
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#42
1,2-Dichloroethane
Concen: 53.673 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	19.0		





#43

Isopropyl Acetate

Concen: 54.811 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

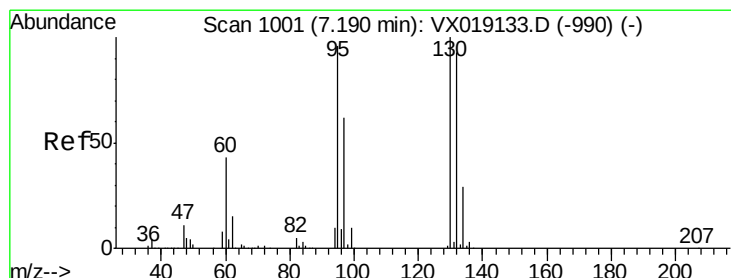
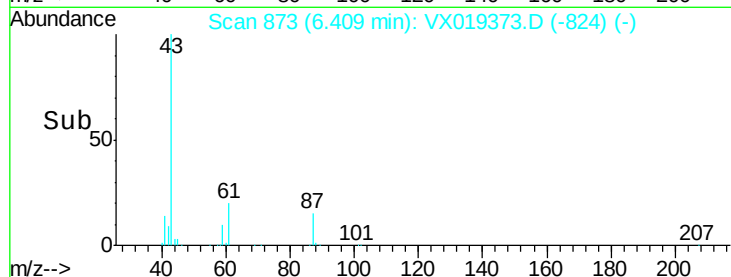
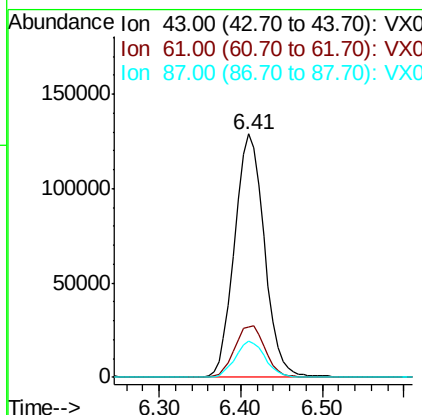
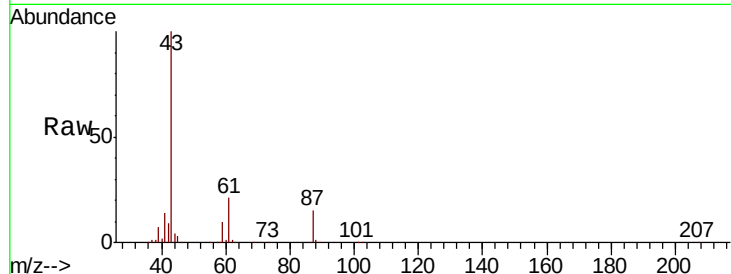
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	325120
Ion	Ratio	Lower	Upper
43	100		
61	21.9	17.8	26.6
87	14.7	12.6	19.0

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#44

Trichloroethene

Concen: 48.739 ug/l

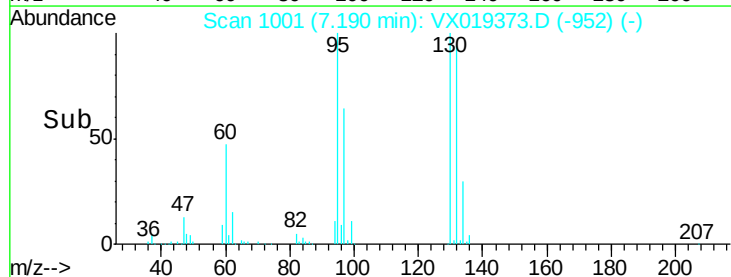
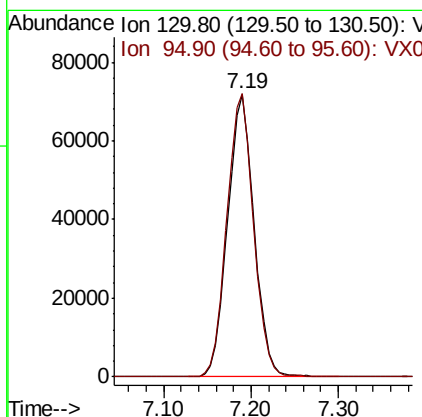
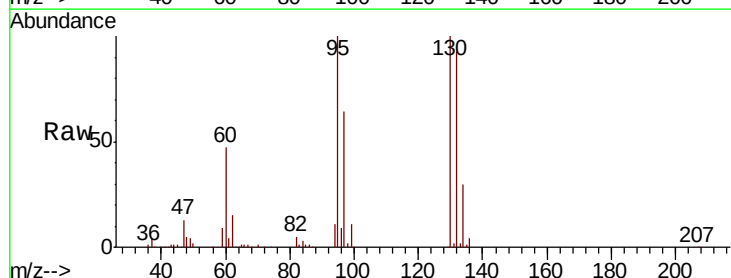
RT: 7.19 min Scan# 1001

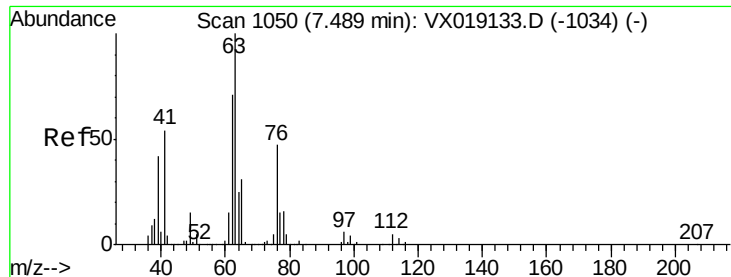
Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion:	130	Resp:	151000
Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	192.0





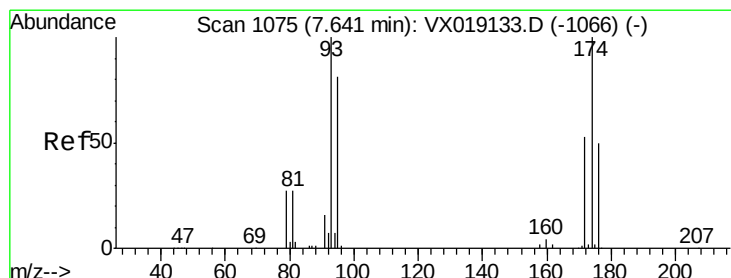
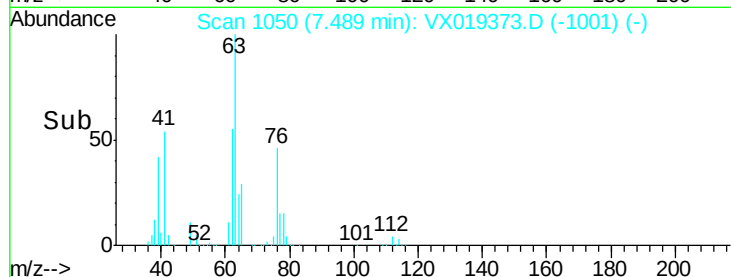
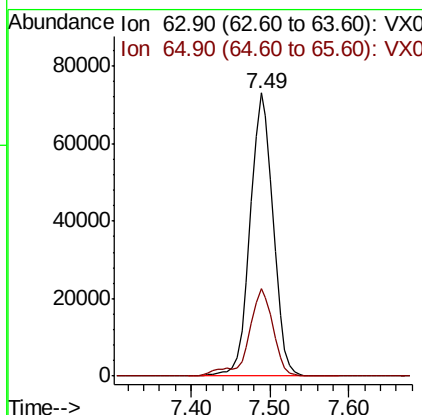
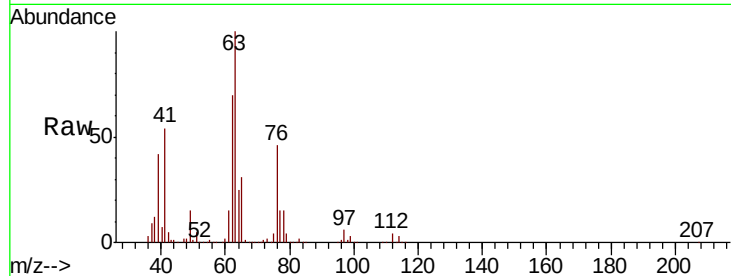
#45
 1,2-Dichloropropane
 Concen: 55.968 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.2	37.8

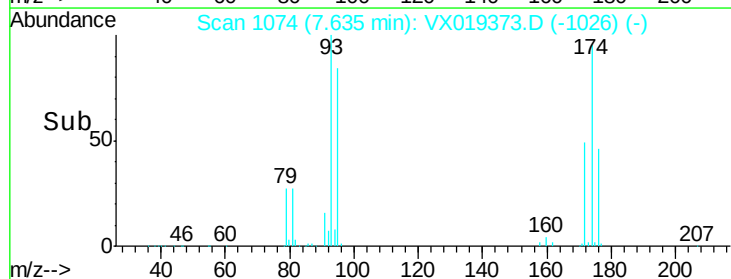
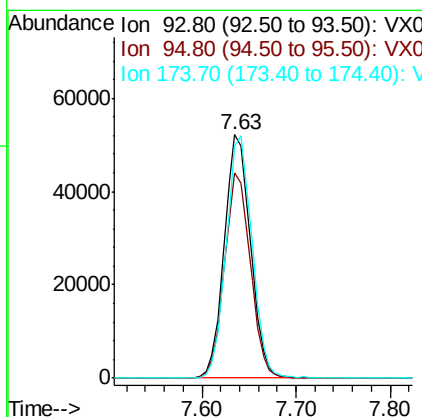
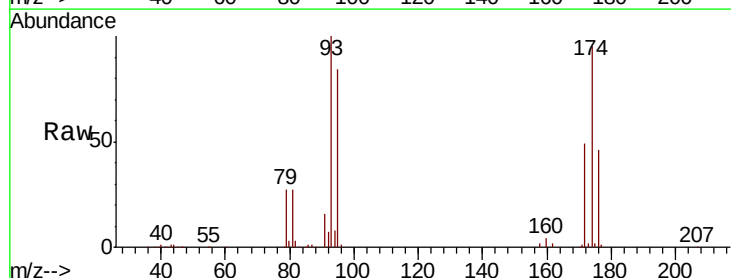
Manual Integrations
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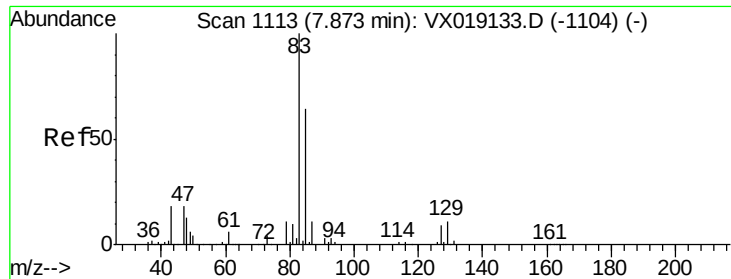
MMDadoda
 11/10/2020 8:57:25 AM



#46
 Dibromomethane
 Concen: 51.483 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	67.0	100.6
174	98.4	81.7	122.5





#47

Bromodichloromethane

Concen: 53.326 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

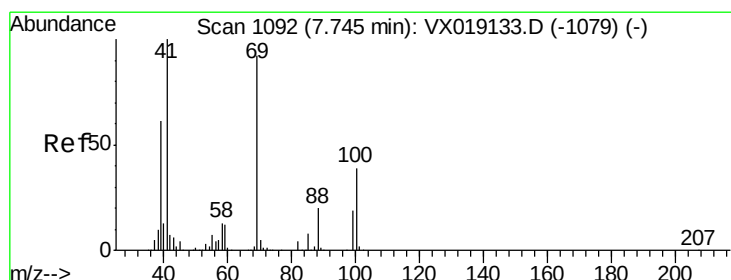
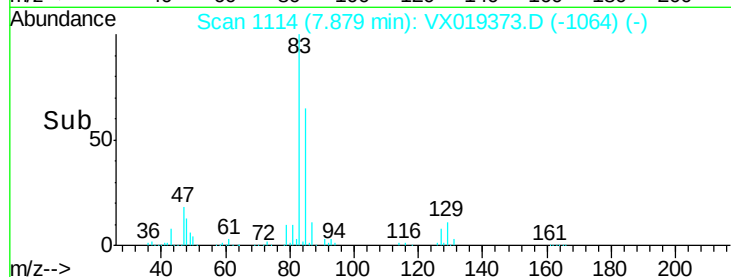
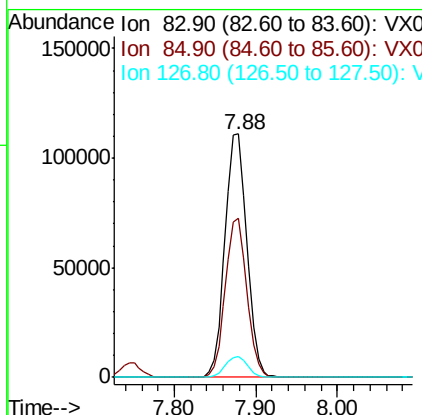
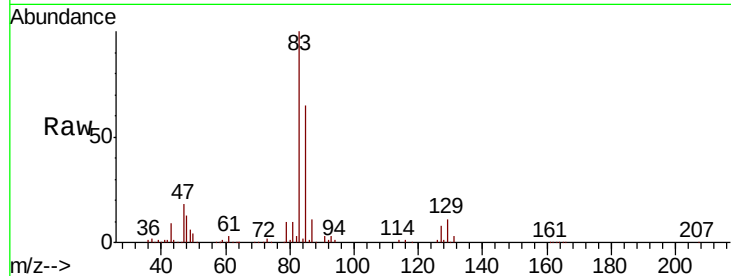
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	205944
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.2	76.8
127	8.4	7.1	10.7

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#48

Methyl methacrylate

Concen: 56.194 ug/l

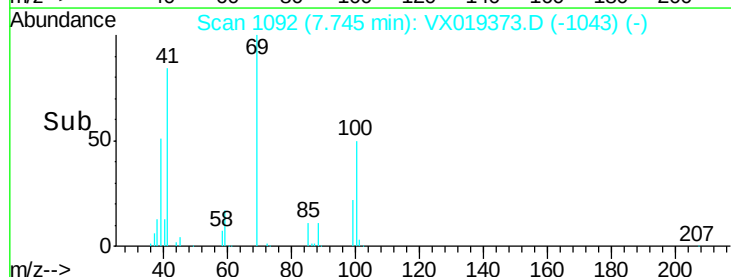
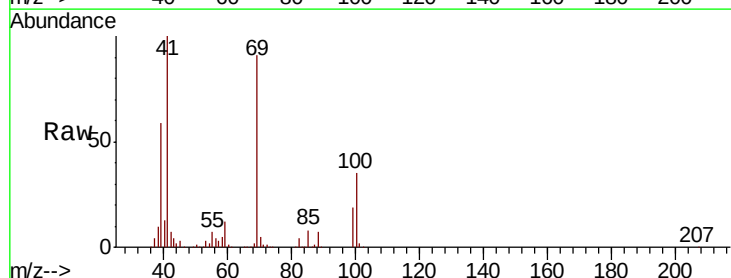
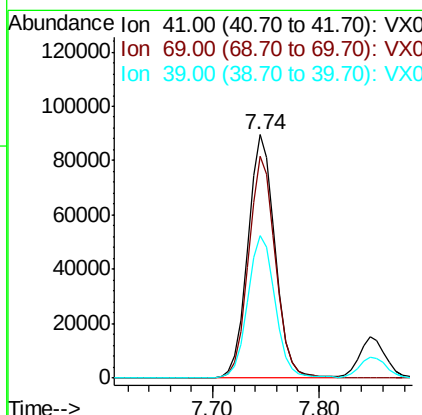
RT: 7.74 min Scan# 1092

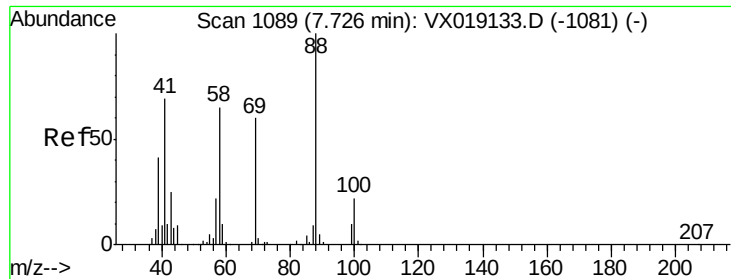
Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion	41	Resp	160432
Ion	Ratio	Lower	Upper
41	100		
69	90.6	75.5	113.3
39	59.4	48.9	73.3





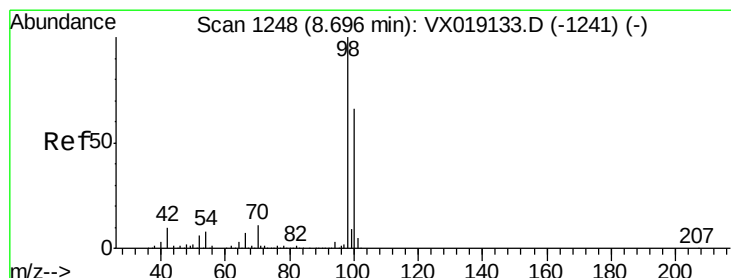
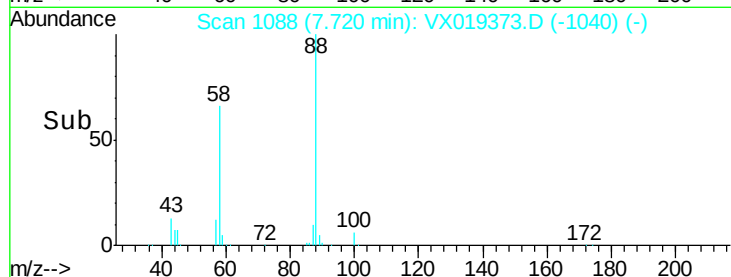
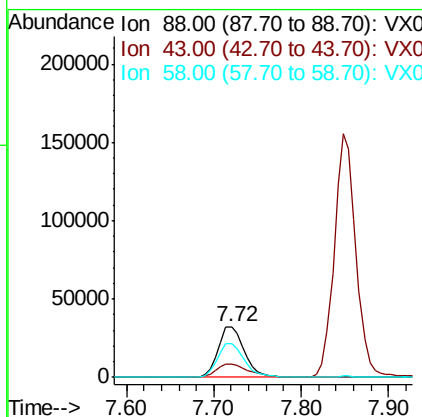
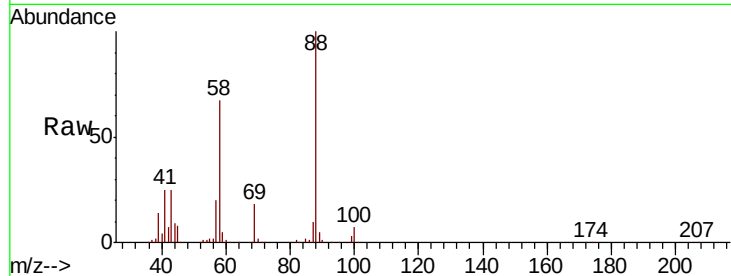
#49
 1,4-Dioxane
 Concen: 1053.860 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. -0.01 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.8	23.0	34.6
58	69.0	52.2	78.2

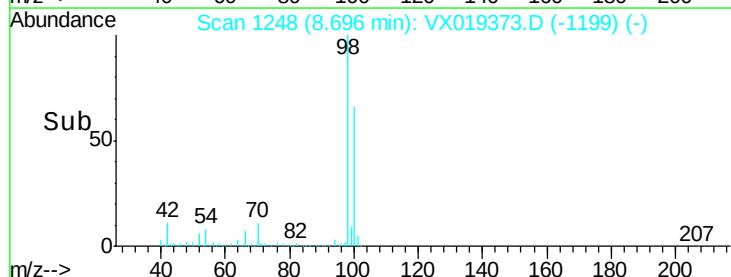
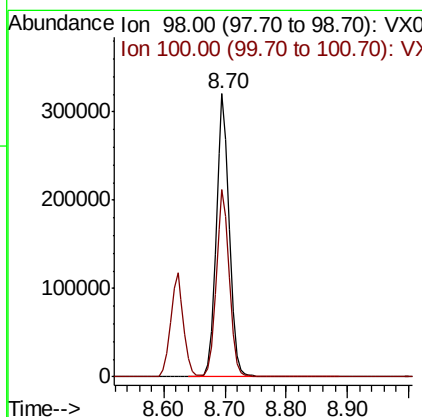
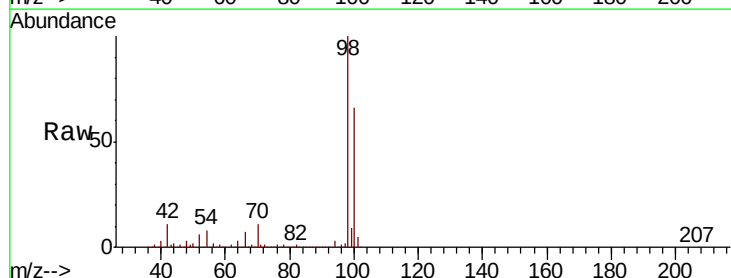
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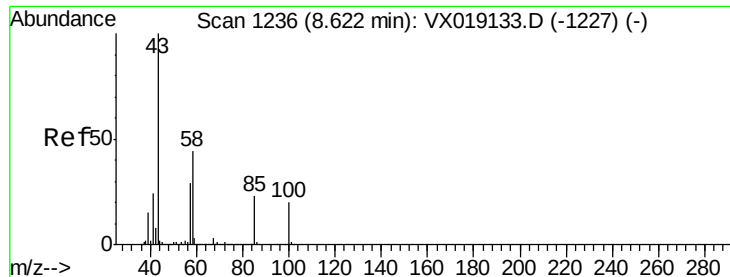
MMDadoda
 11/10/2020 8:57:25 AM



#50
 Toluene-d8
 Concen: 50.011 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.0	79.6





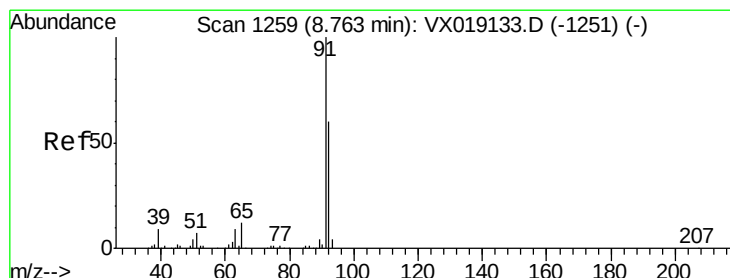
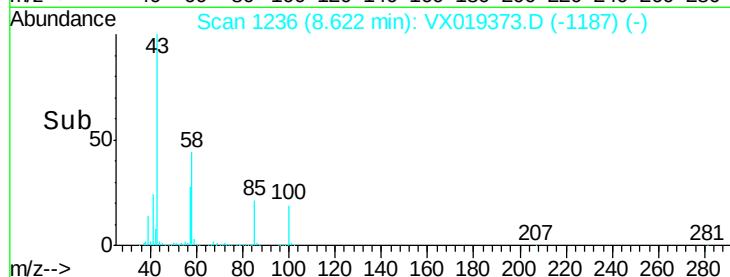
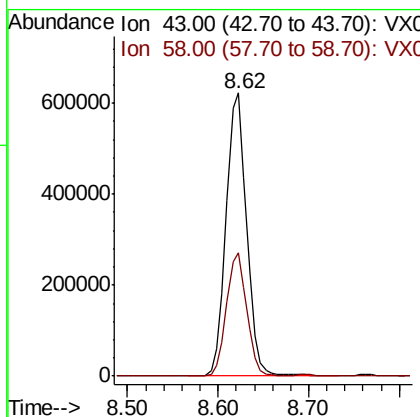
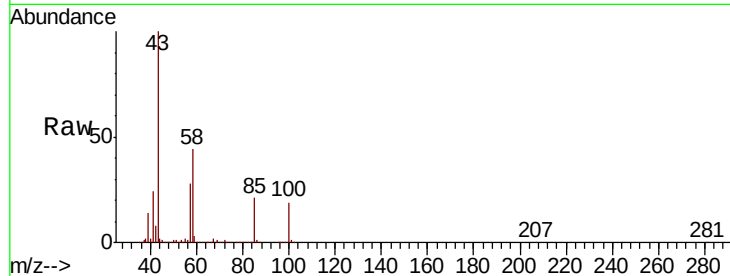
#51
 4-Methyl-2-Pentanone
 Concen: 287.847 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	35.0	52.4

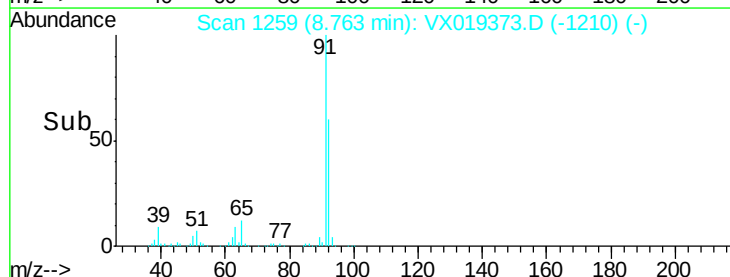
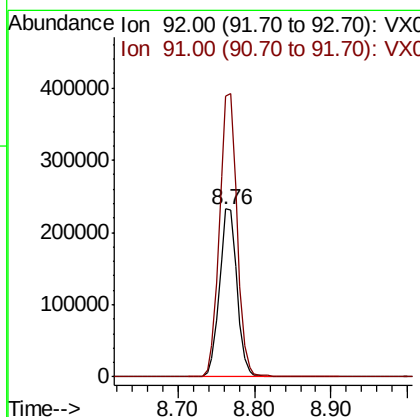
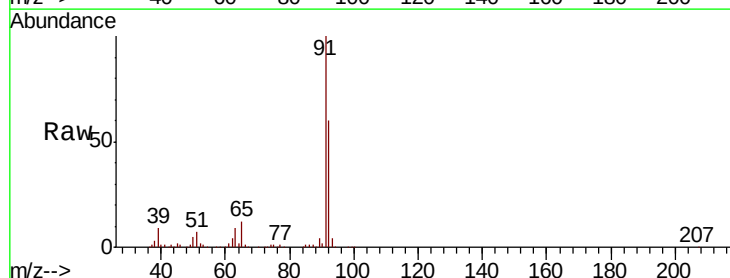
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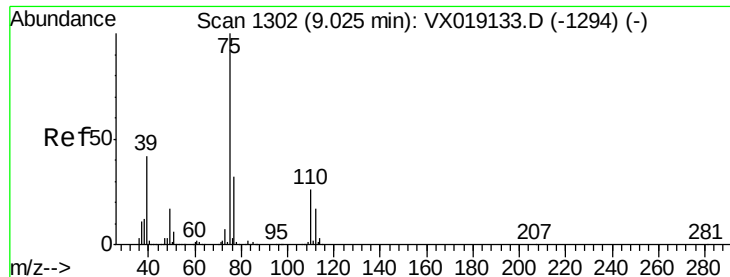
MMDadoda
 11/10/2020 8:57:25 AM



#52
 Toluene
 Concen: 52.703 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.9	136.3	204.5





#53

t-1,3-Dichloropropene

Concen: 52.290 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tot Ion: 75 Resp: 230655

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

Instrument :

MSVOA_X

ClientSampleId :

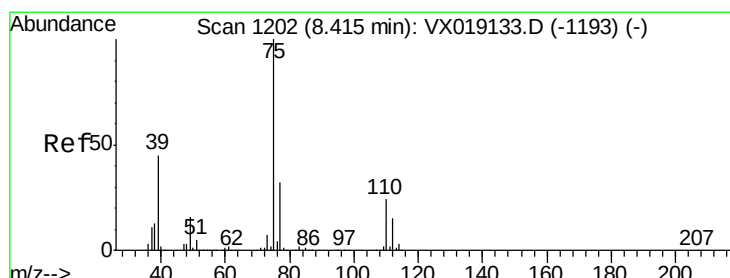
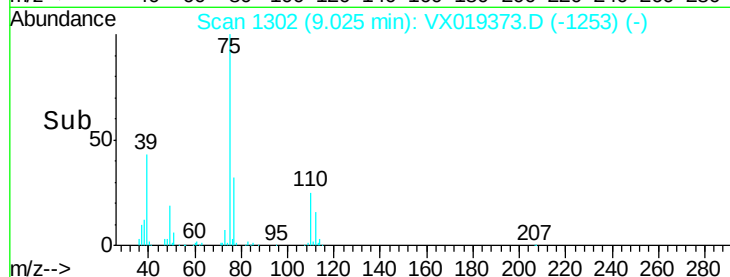
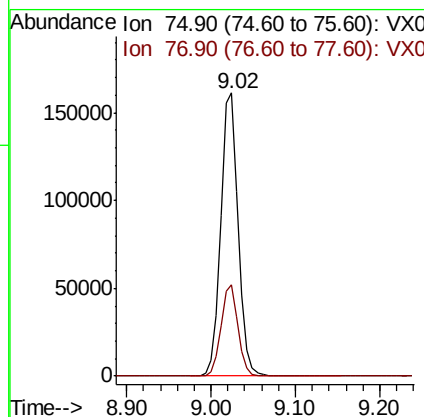
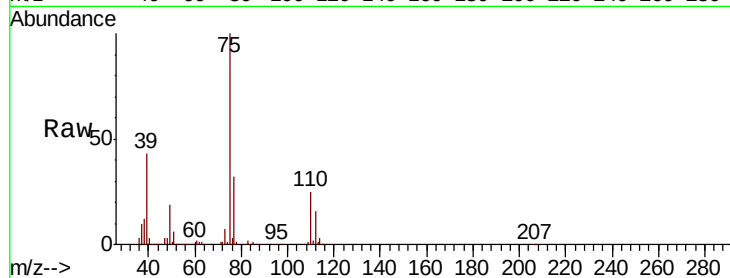
VSTDCCC050EC

Manual Integrations

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MMDadoda

11/10/2020 8:57:25 AM



#54

cis-1,3-Dichloropropene

Concen: 53.867 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

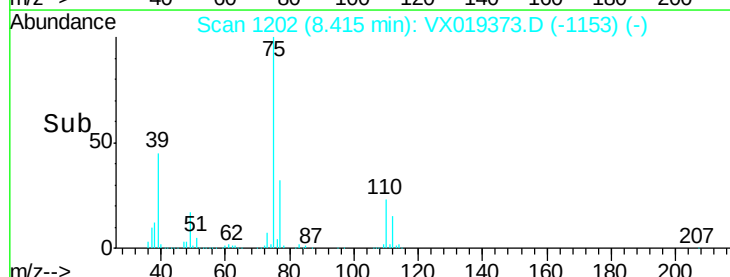
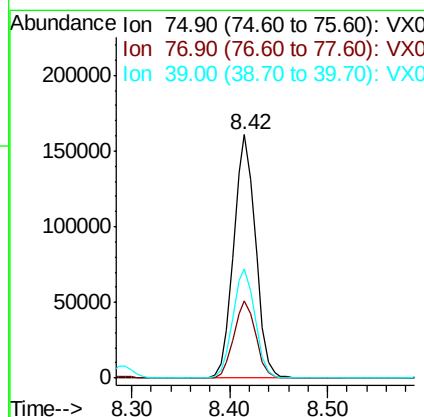
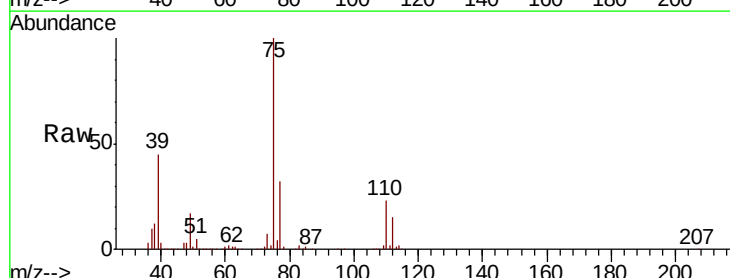
Tgt Ion: 75 Resp: 249862

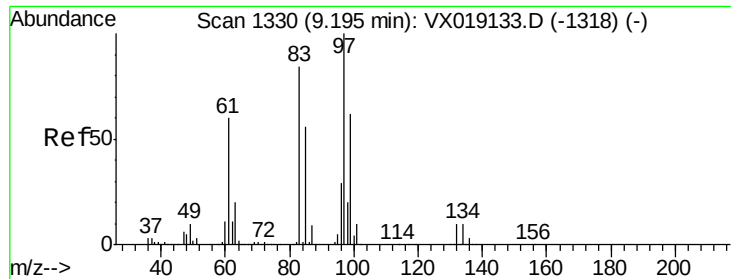
Ion Ratio Lower Upper

75 100

77 31.8 25.5 38.3

39 44.6 36.2 54.2





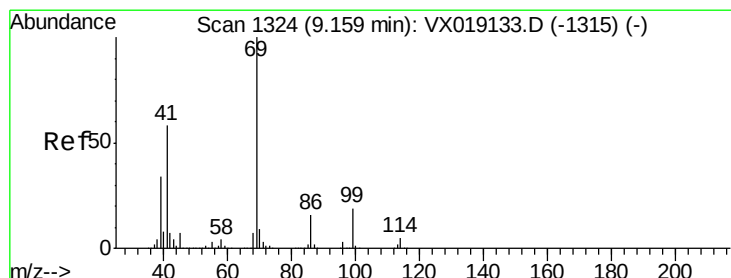
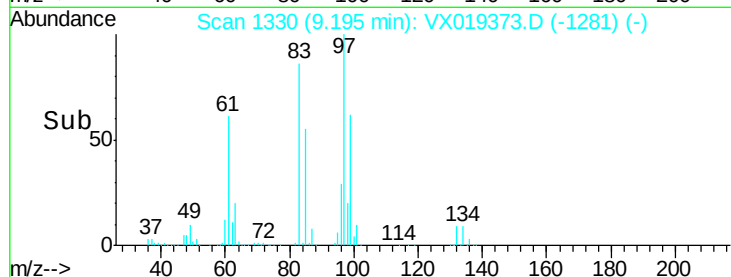
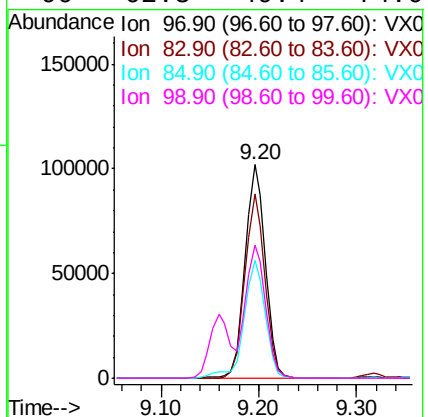
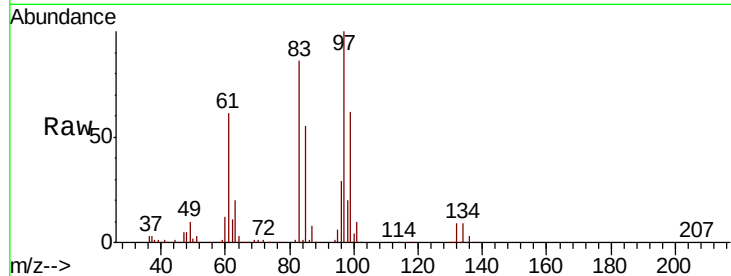
#55
 1,1,2-Trichloroethane
 Concen: 53.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	147628
Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.2	100.8
85	55.0	44.6	67.0
99	62.3	49.4	74.0

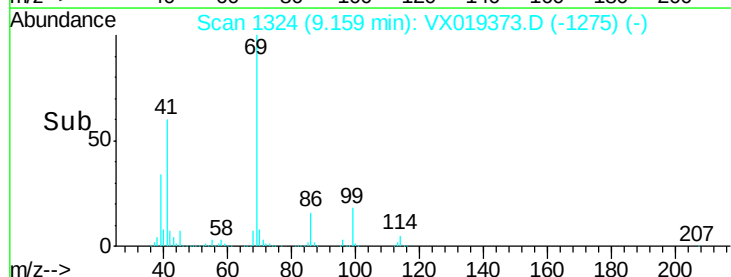
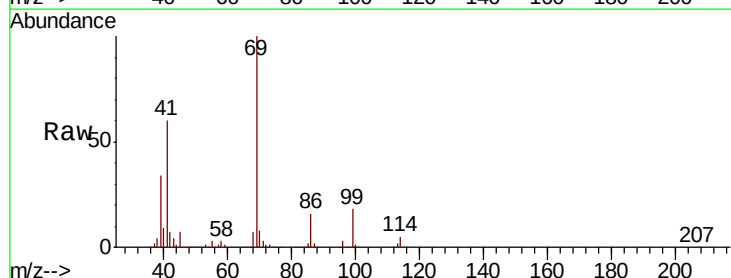
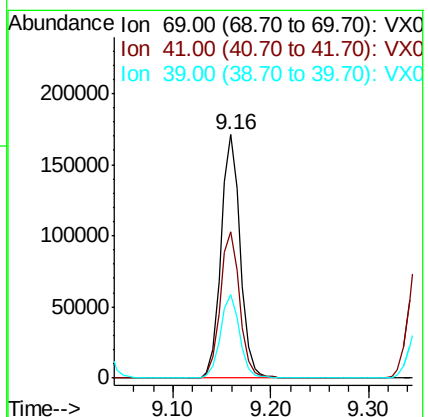
Manual Integrations
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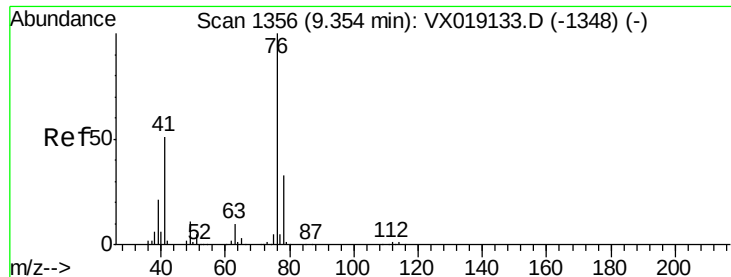
MMDadoda
 11/10/2020 8:57:25 AM



#56
 Ethyl methacrylate
 Concen: 55.889 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion:	69	Resp:	232396
Ion	Ratio	Lower	Upper
69	100		
41	60.7	46.5	69.7
39	34.5	27.6	41.4





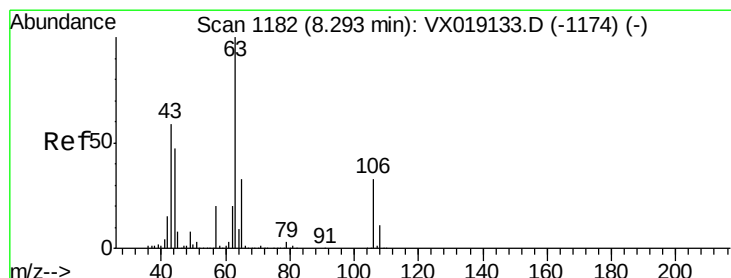
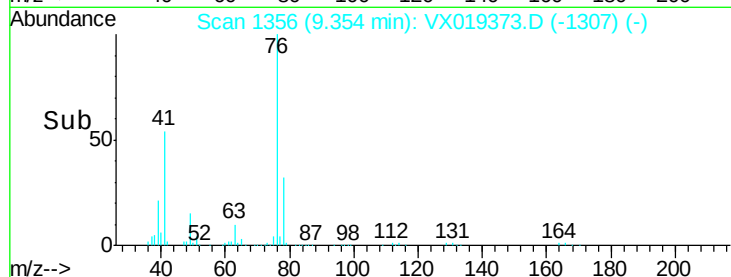
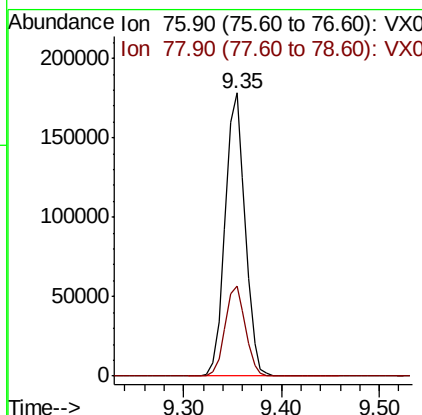
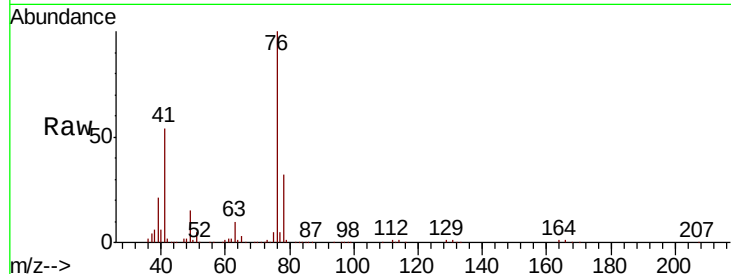
#57
 1,3-Dichloropropane
 Concen: 54.392 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.9	38.9

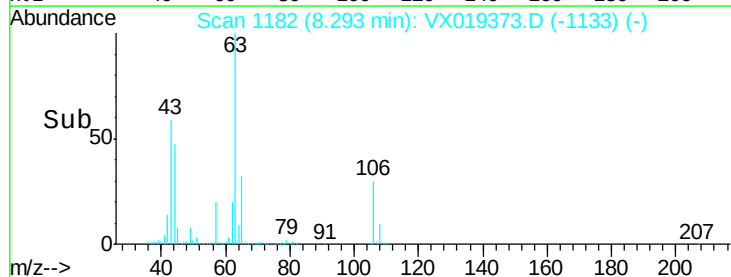
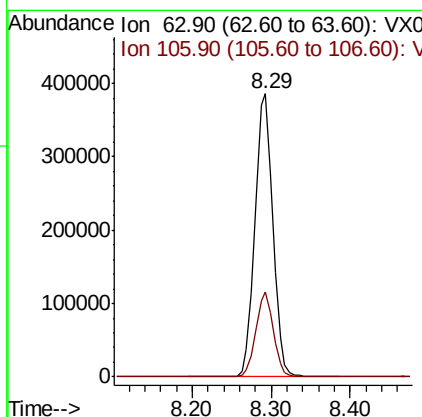
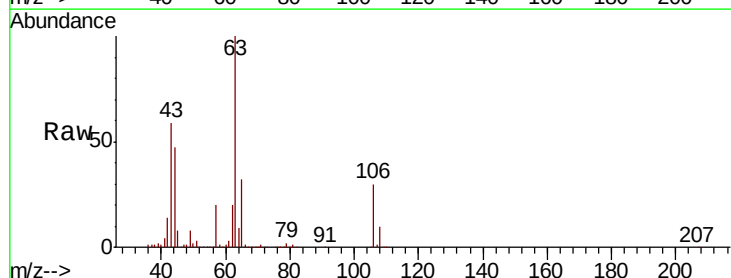
Manual Integrations
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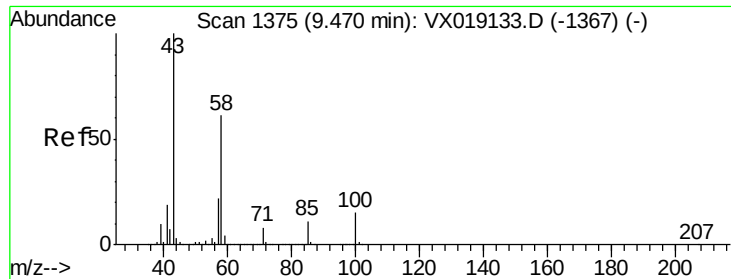
MMDadoda
 11/10/2020 8:57:25 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 262.277 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	25.1	37.7





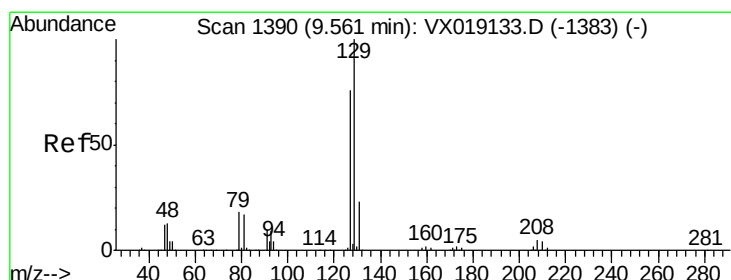
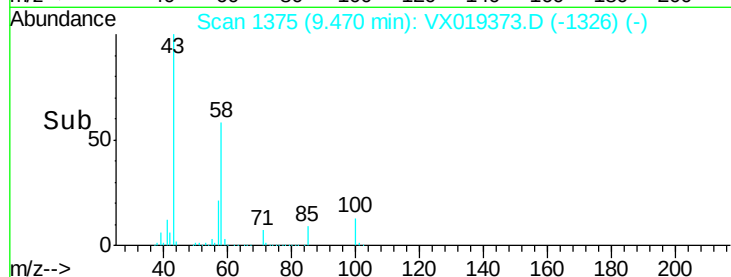
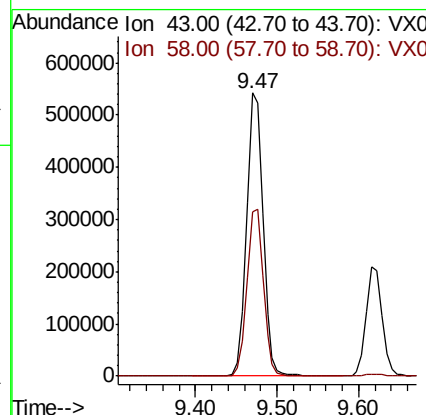
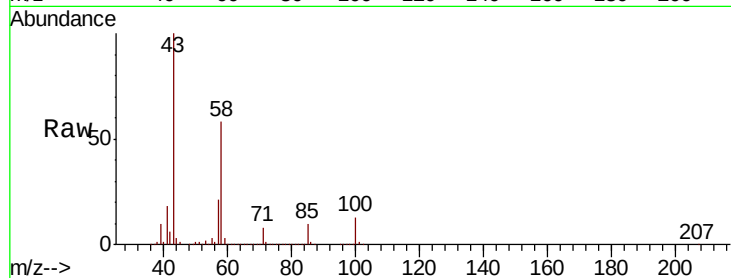
#59
2-Hexanone
Concen: 288.663 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 749120
Ion Ratio Lower Upper
43 100
58 59.6 30.5 91.5

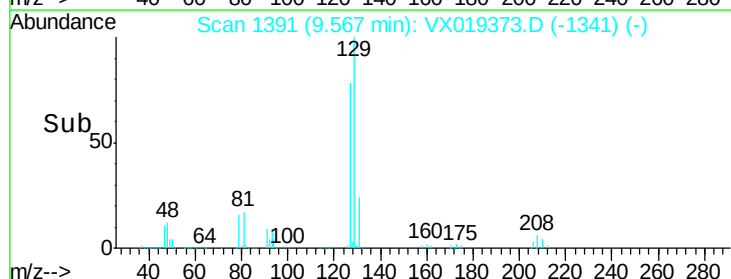
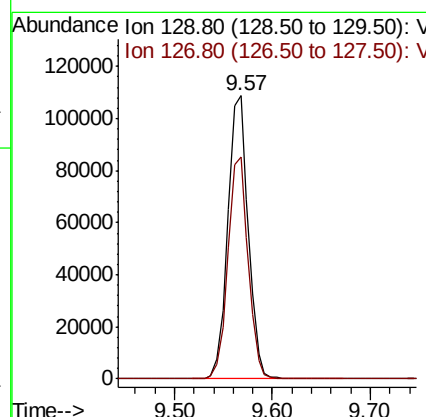
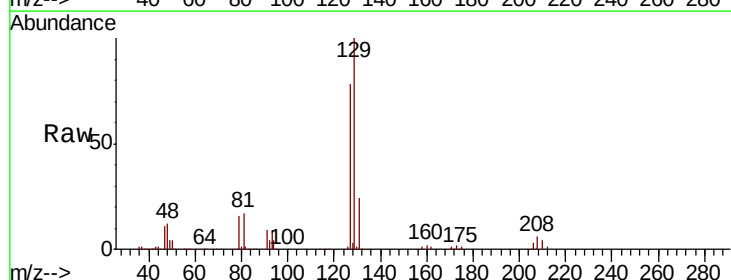
Manual Integrations
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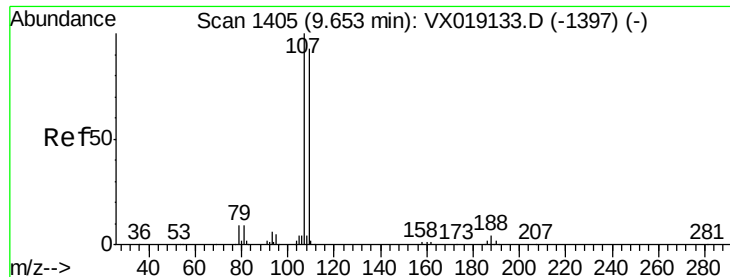
MMDadoda
11/10/2020 8:57:25 AM



#60
Dibromochloromethane
Concen: 52.629 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 129 Resp: 157234
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 52.215 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 153711

Ion Ratio Lower Upper

107 100

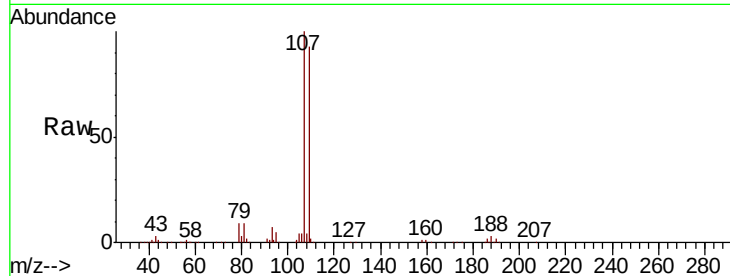
109 95.3 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

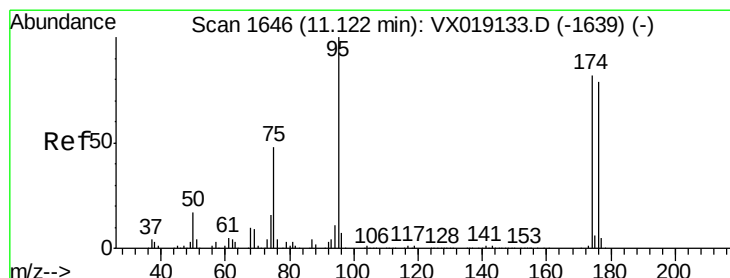
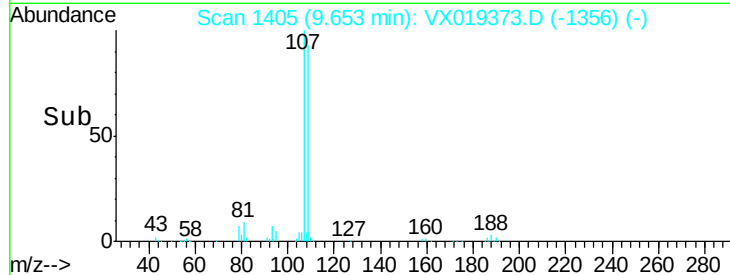
60000

40000

20000

0

Time--> 9.50 9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 51.504 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

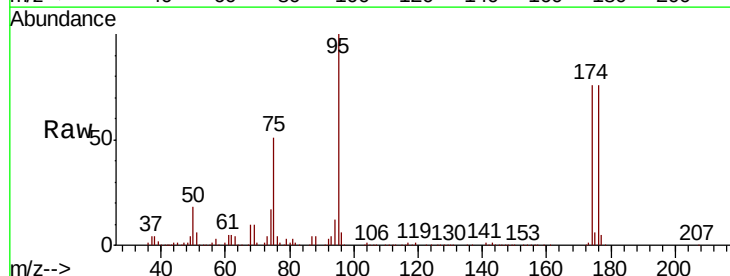
Tgt Ion: 95 Resp: 190826

Ion Ratio Lower Upper

95 100

174 75.0 0.0 156.0

176 73.5 0.0 149.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

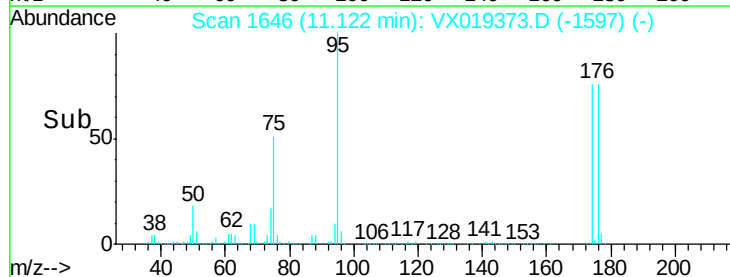
150000

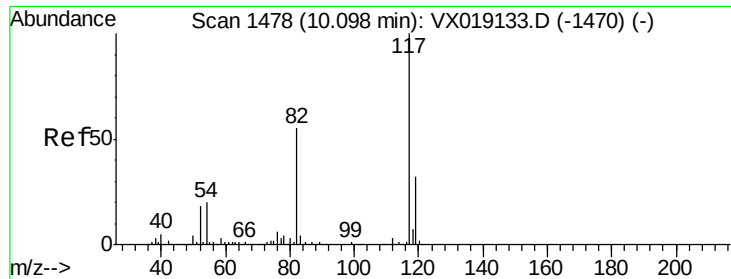
100000

50000

0

Time--> 11.10 11.20





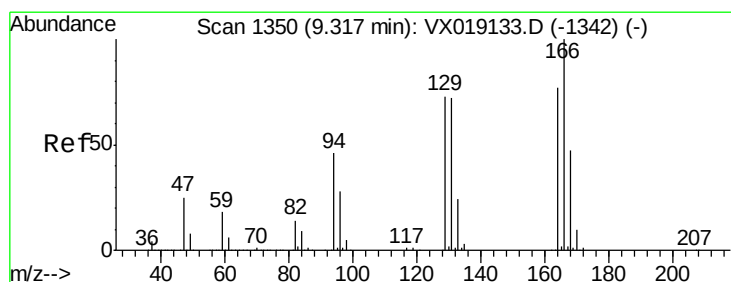
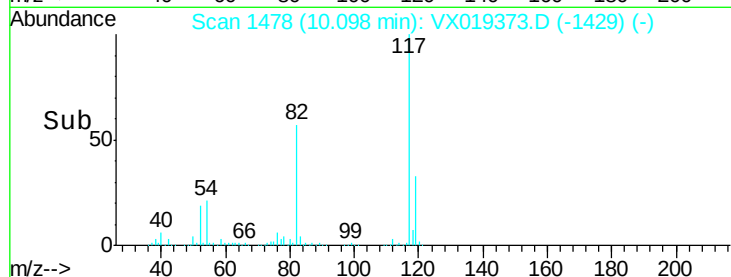
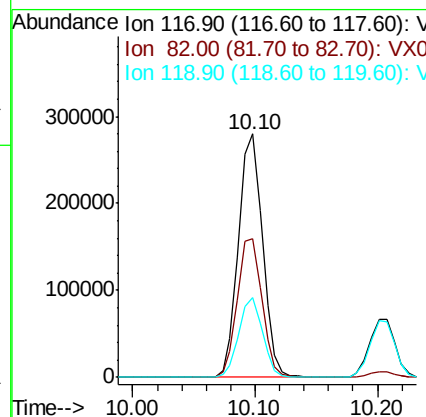
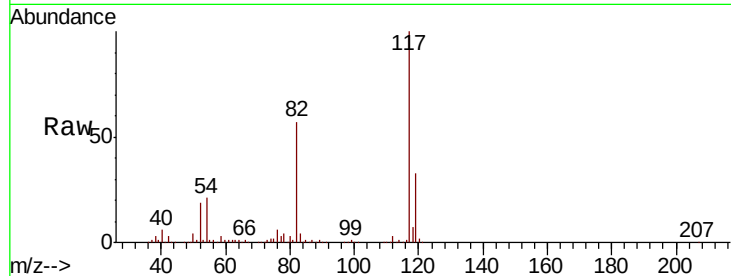
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380896		
82	56.8		43.6	65.4
119	32.5		25.5	38.3

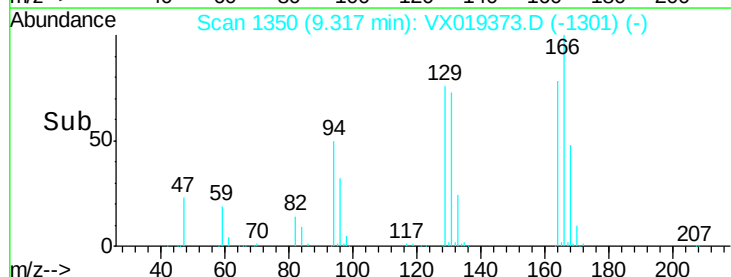
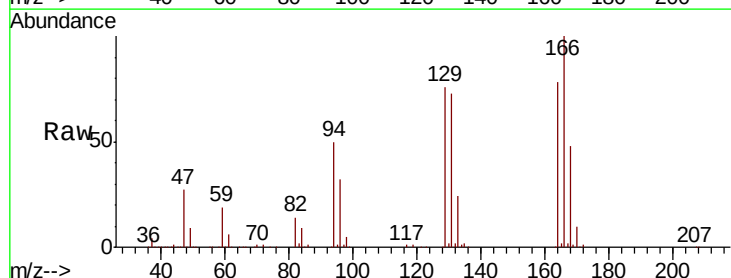
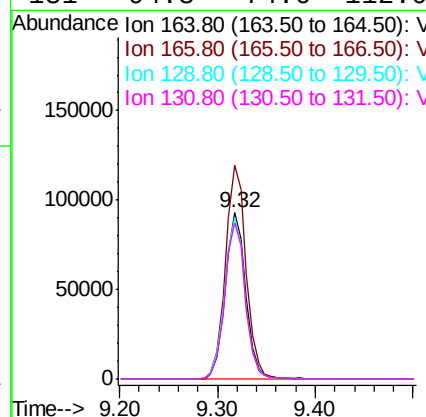
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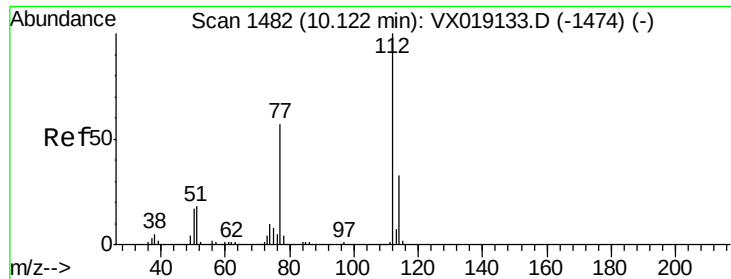
MMDadoda
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#64
Tetrachloroethene
Concen: 46.474 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	134869		
166	128.7		104.1	156.1
129	97.2		76.2	114.4
131	94.3		74.6	112.0





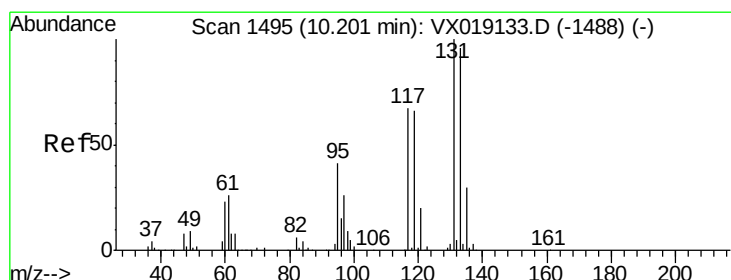
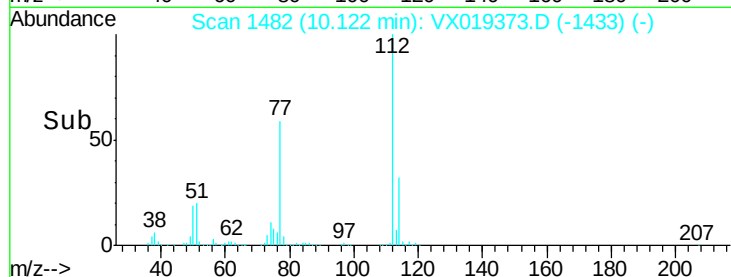
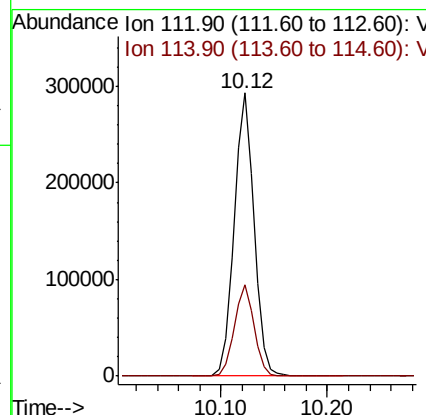
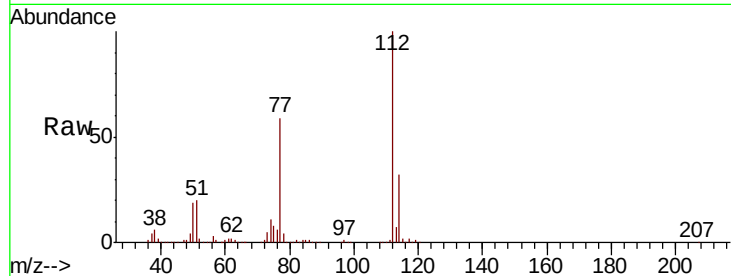
#65
Chlorobenzene
Concen: 49.449 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	26.1	39.1

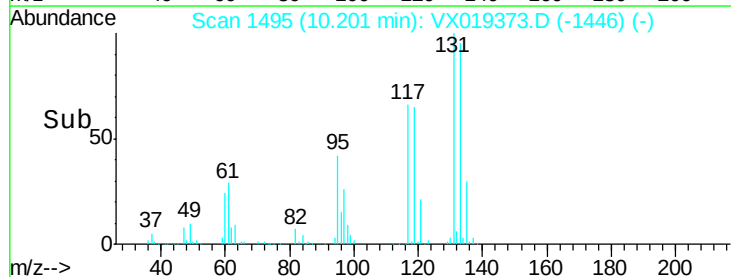
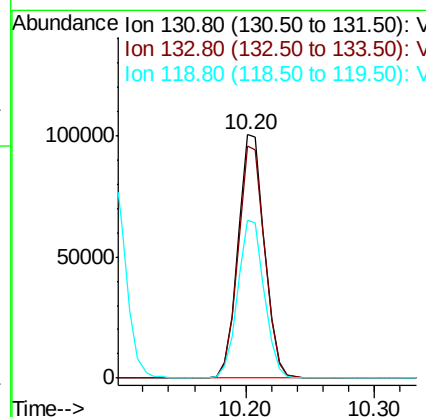
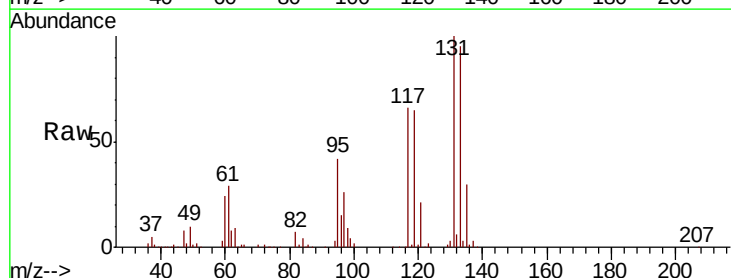
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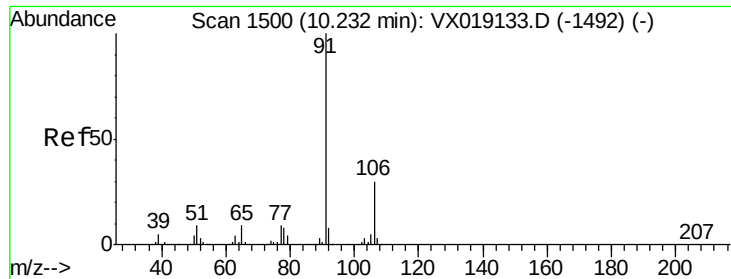
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.221 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.8	47.3	141.8
119	65.1	32.3	96.9





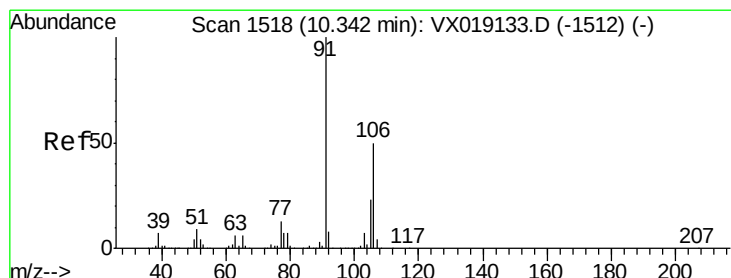
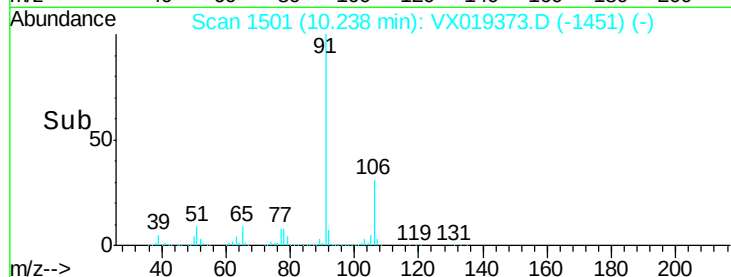
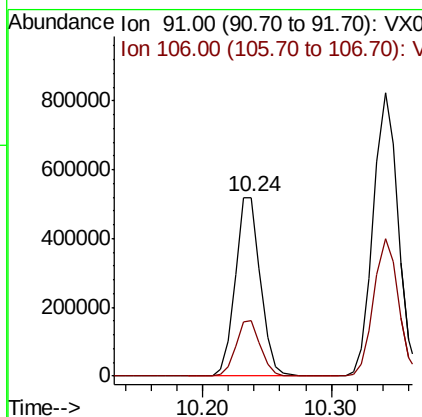
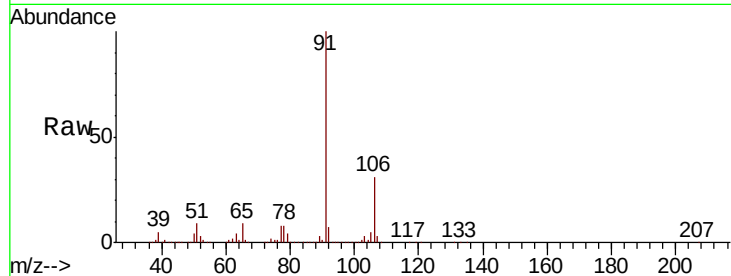
#67
Ethyl Benzene
Concen: 51.024 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 707830
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5

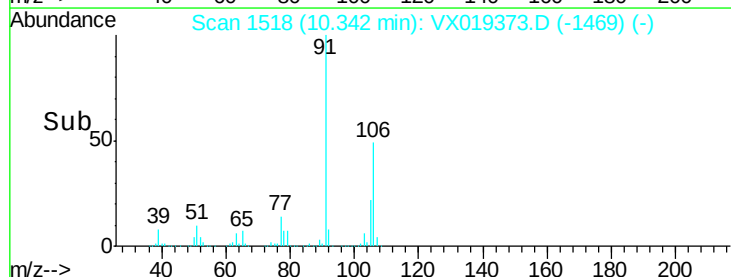
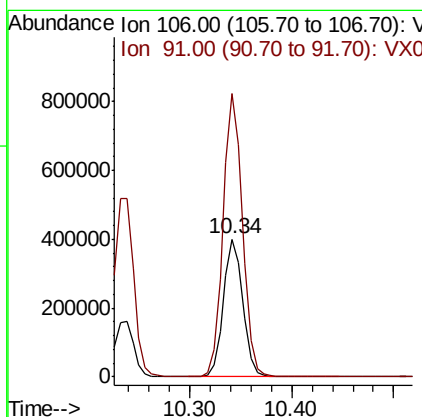
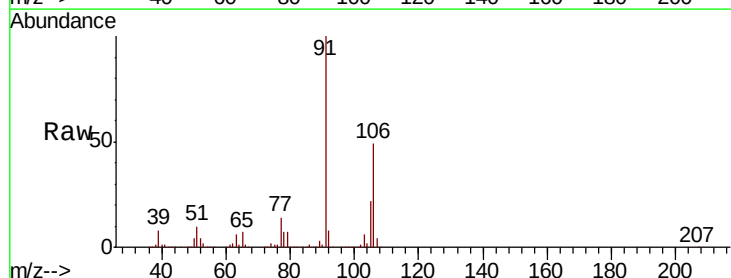
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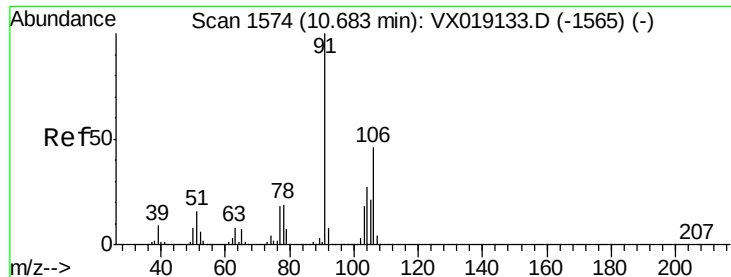
MMDadoda
11/10/2020 8:57:25 AM



#68
m/p-Xylenes
Concen: 101.787 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion: 106 Resp: 529964
Ion Ratio Lower Upper
106 100
91 206.4 161.0 241.4





#69

o-Xylene

Concen: 51.603 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:106 Resp: 254835

Ion Ratio Lower Upper

106 100

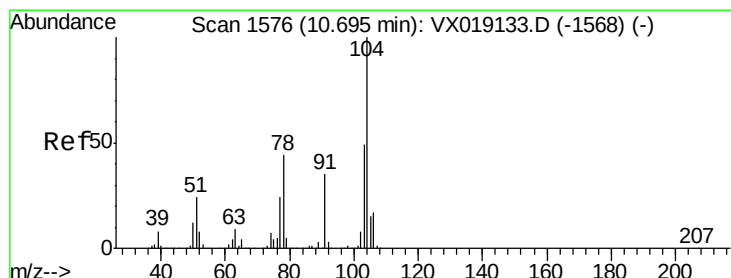
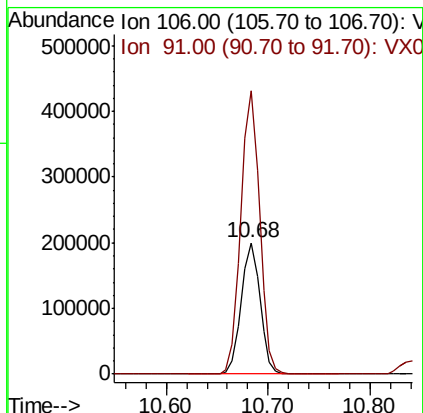
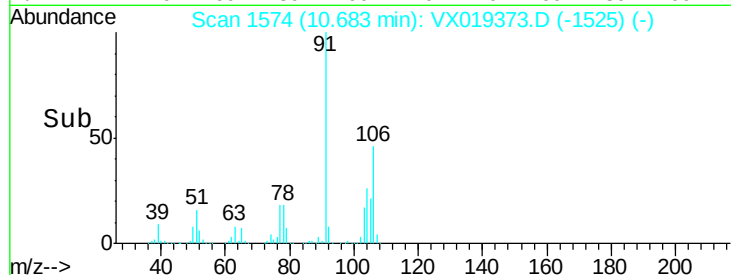
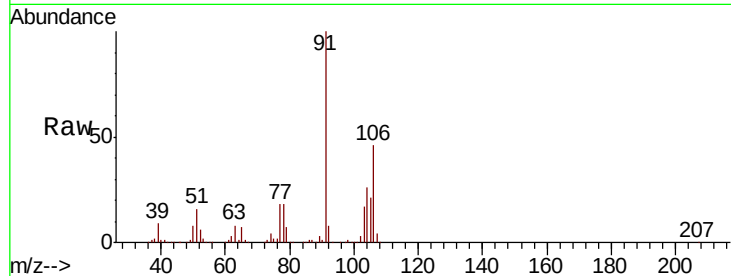
91 215.3 108.3 324.8

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#70

Styrene

Concen: 51.785 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

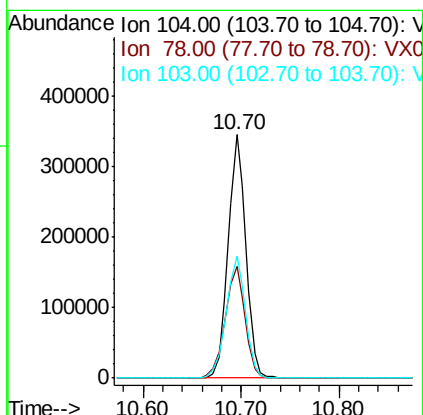
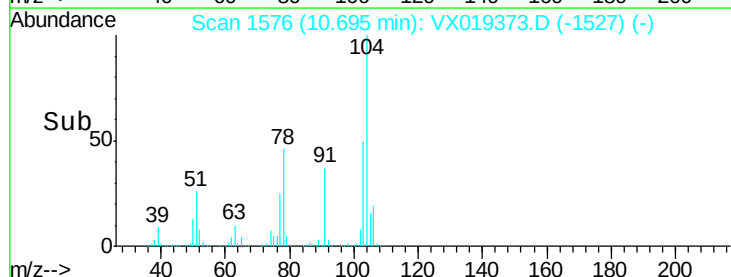
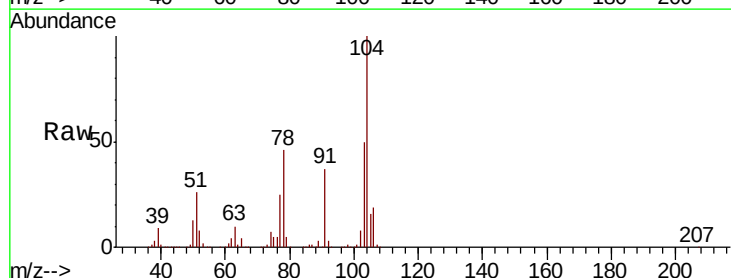
Tgt Ion:104 Resp: 436342

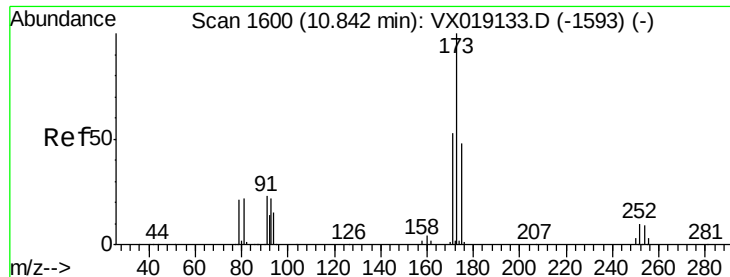
Ion Ratio Lower Upper

104 100

78 50.9 40.0 60.0

103 54.4 43.5 65.3





#71

Bromoform

Concen: 50.533 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 112291

Ion Ratio Lower Upper

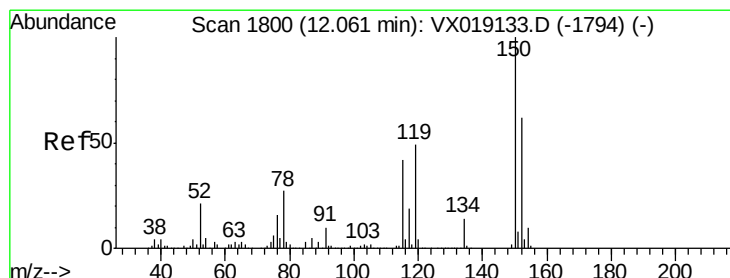
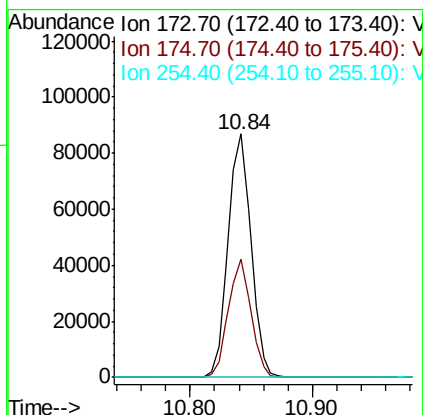
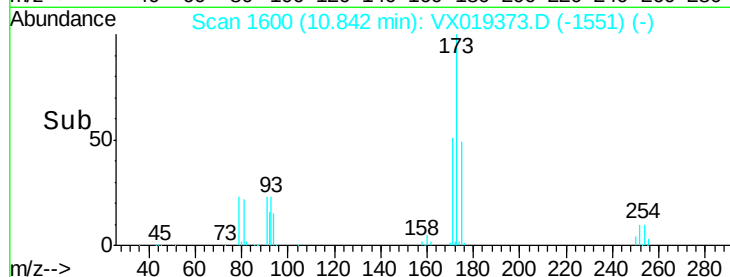
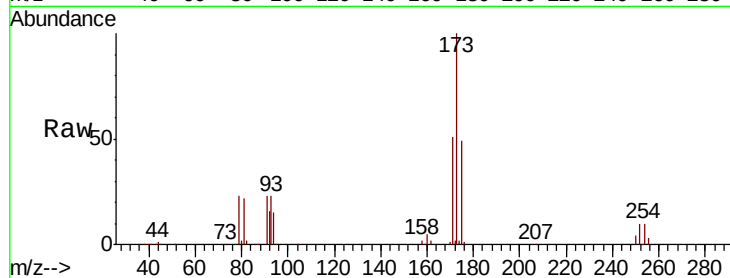
173 100

175 48.2 24.4 73.4

254 0.1 0.1 0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

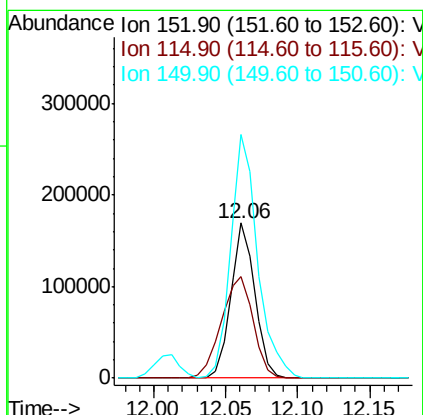
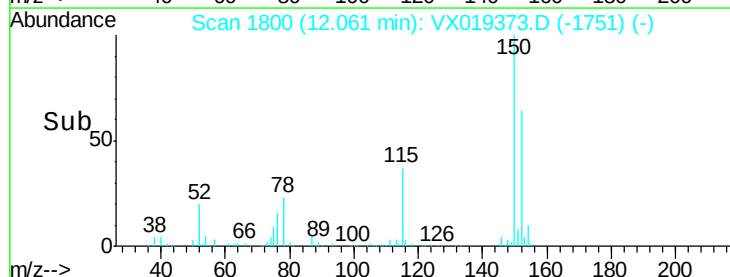
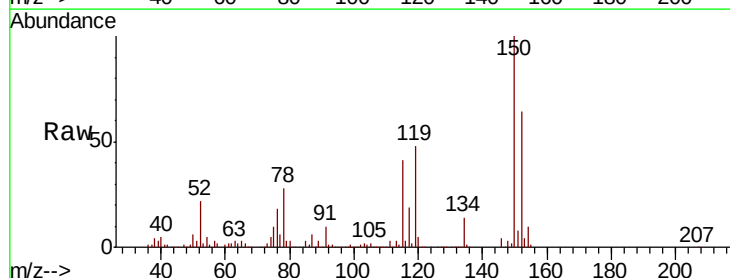
Tgt Ion:152 Resp: 198860

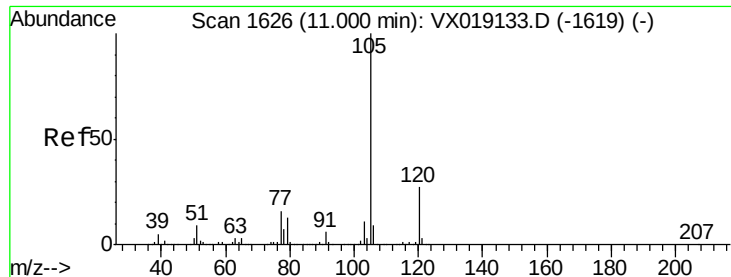
Ion Ratio Lower Upper

152 100

115 85.9 41.9 125.7

150 175.7 0.0 347.8





#73

Isopropylbenzene

Concen: 48.667 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 685056

Ion Ratio Lower Upper

105 100

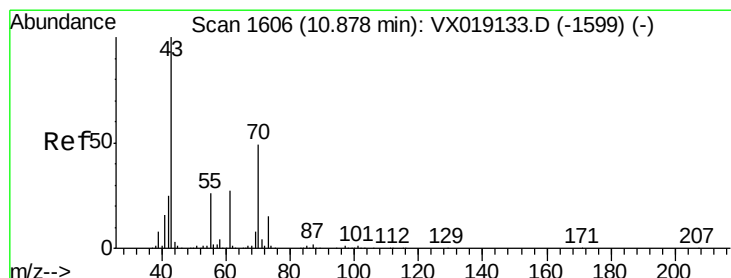
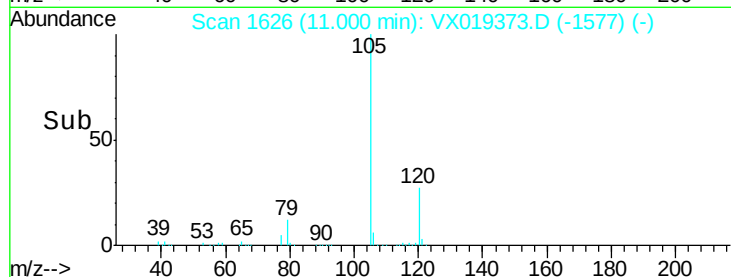
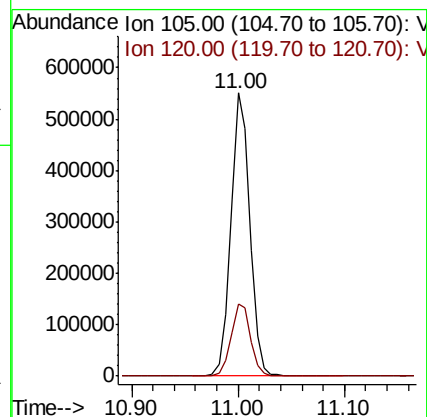
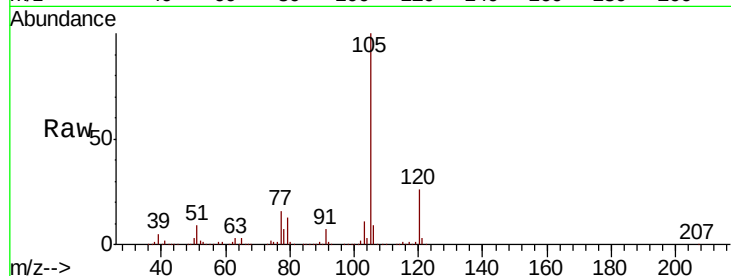
120 26.2 13.3 39.8

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#74

N-ethyl acetate

Concen: 54.629 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Tgt Ion: 43 Resp: 281161

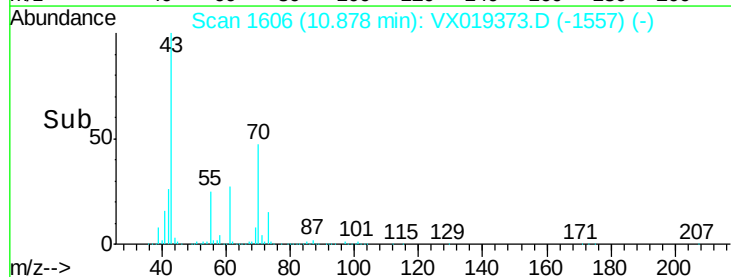
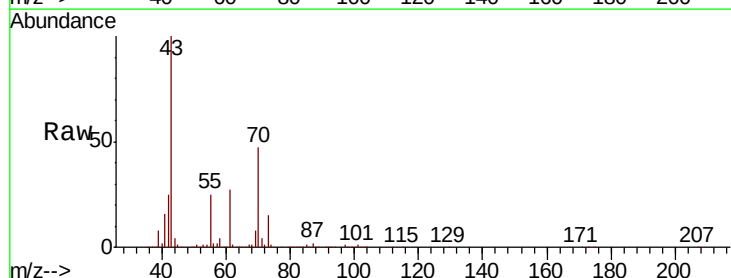
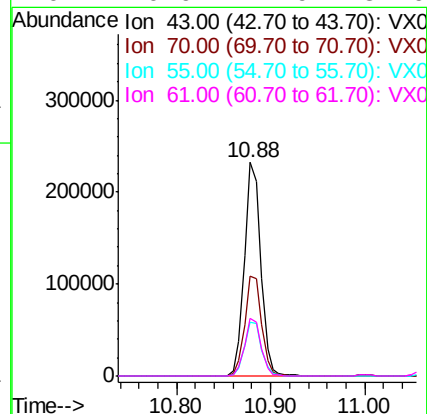
Ion Ratio Lower Upper

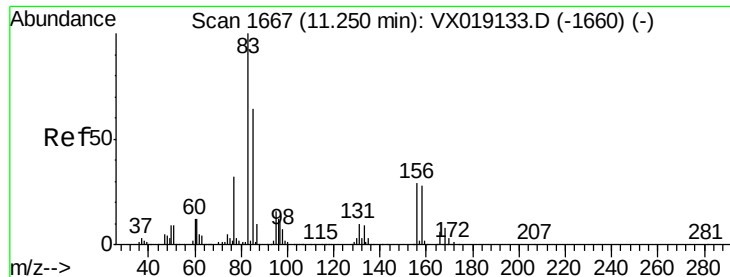
43 100

70 48.2 39.6 59.4

55 26.2 20.7 31.1

61 26.9 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.220 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 234128

Ion Ratio Lower Upper

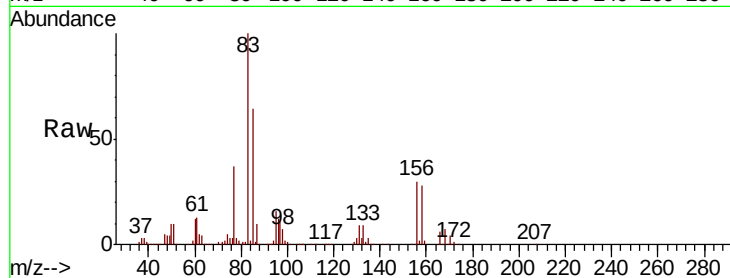
83 100

131 9.8 5.2 15.6

85 64.7 32.1 96.3

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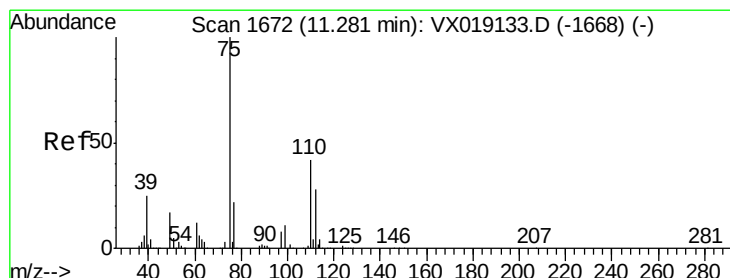
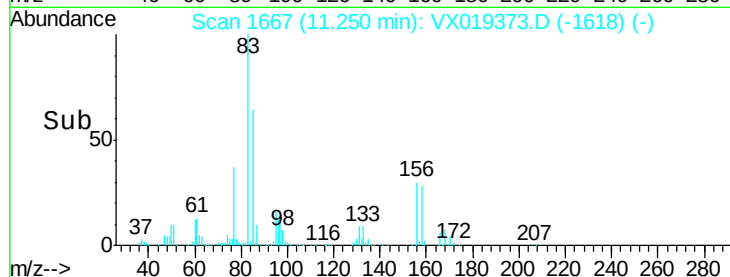
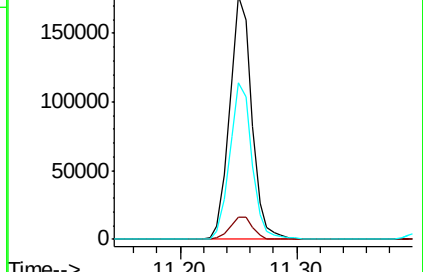
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 51.828 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019373.D

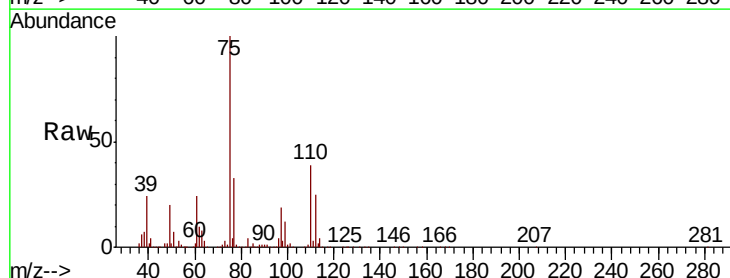
Acq: 09 Nov 2020 17:13

Tgt Ion: 75 Resp: 212806

Ion Ratio Lower Upper

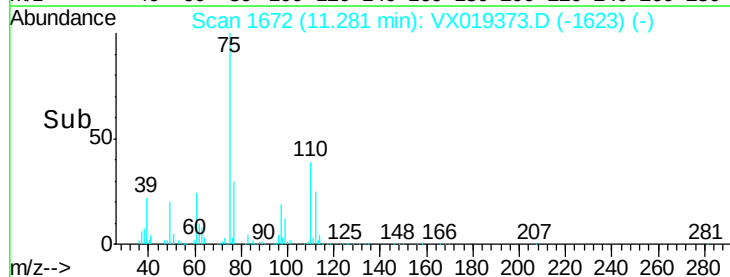
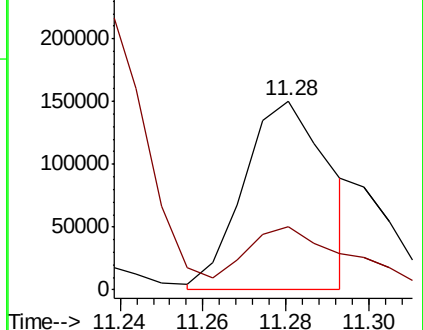
75 100

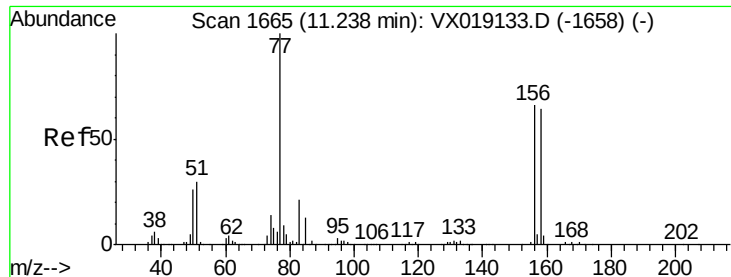
77 40.7 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





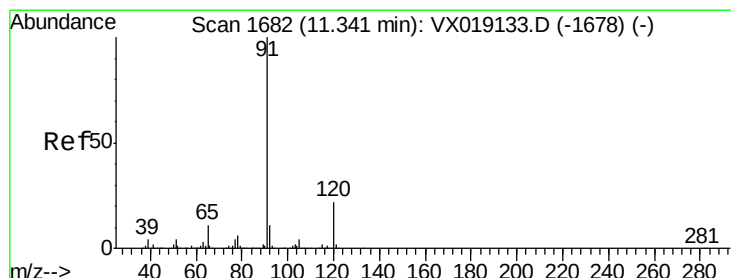
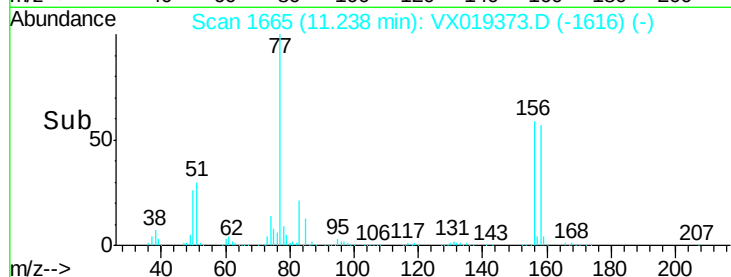
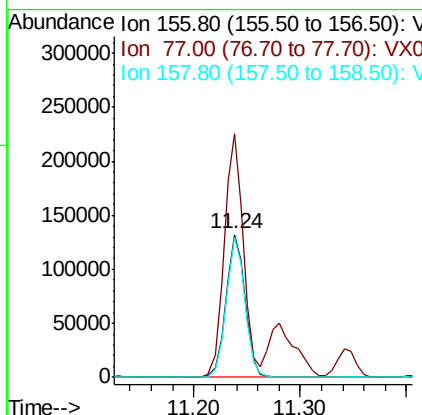
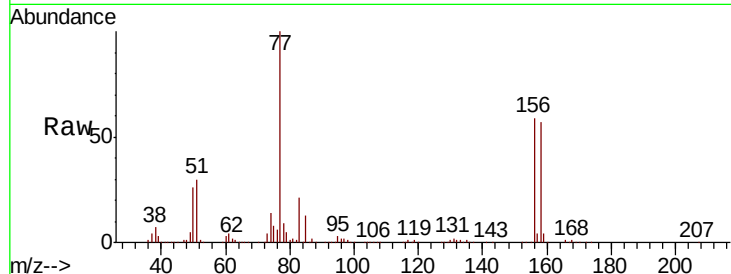
#77
Bromobenzene
Concen: 47.244 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	170.9	77.7	233.1	
158	96.1	48.3	144.8	

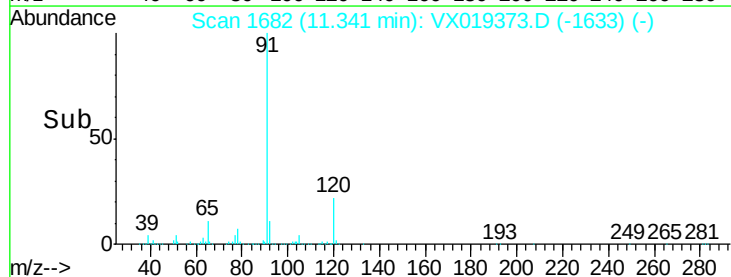
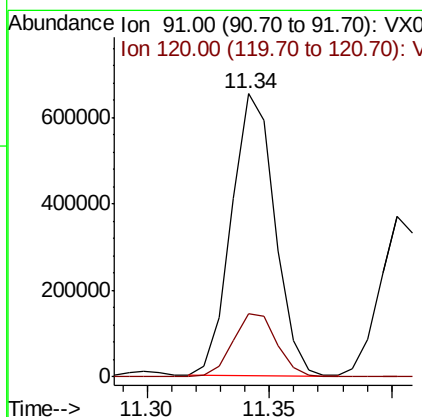
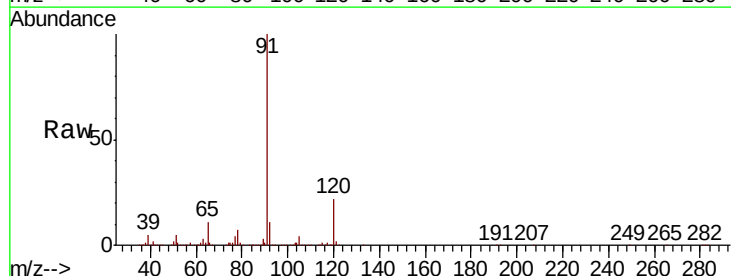
Manual Integrations
APPROVED

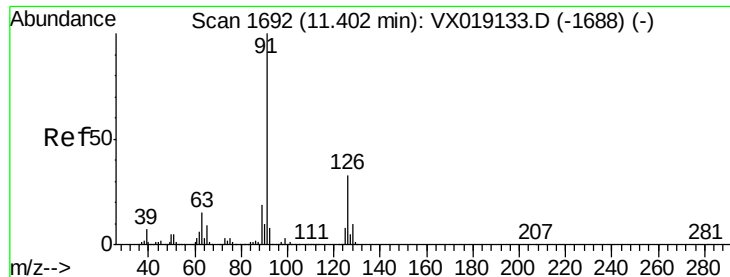
MMDadoda
11/10/2020 8:57:25 AM



#78
n-propylbenzene
Concen: 50.018 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.7	11.7	35.0	





#79

2-Chlorotoluene

Concen: 49.727 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019373.D

Acq: 09 Nov 2020 17:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 470430

Ion Ratio Lower Upper

91 100

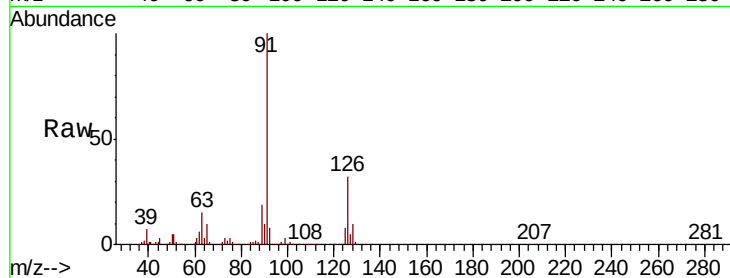
126 32.8 16.9 50.7

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019133.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX019133.D (-1688) (-)

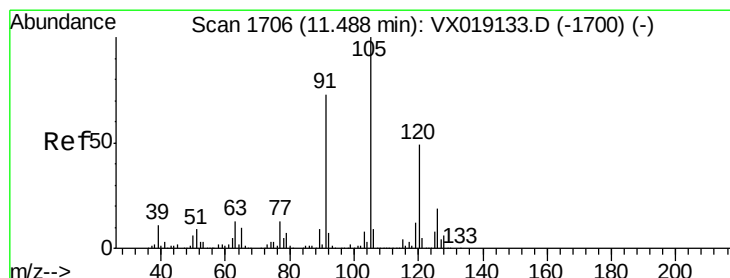
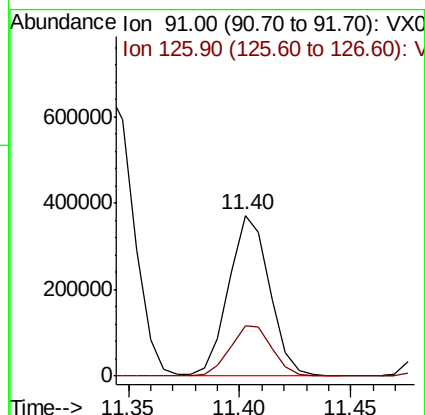
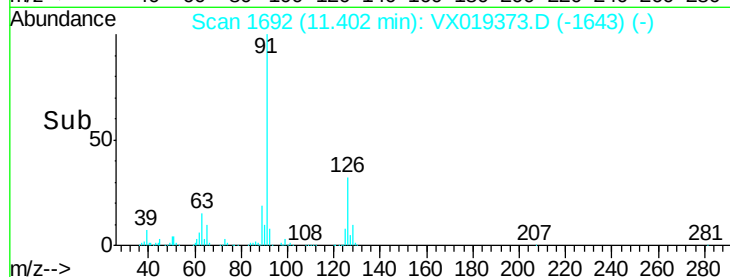
600000

400000

200000

0

11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 49.268 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019373.D

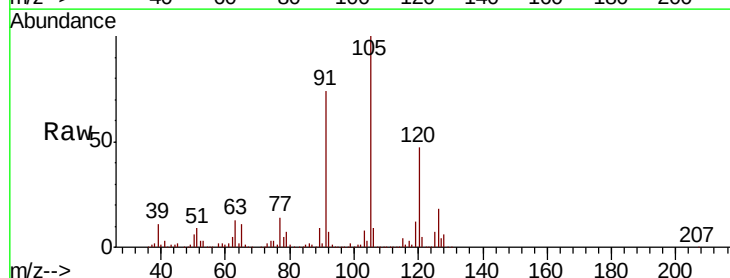
Acq: 09 Nov 2020 17:13

Tgt Ion: 105 Resp: 585881

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX019133.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019133.D (-1700) (-)

500000

400000

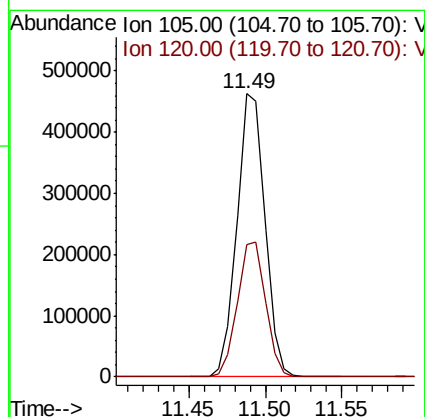
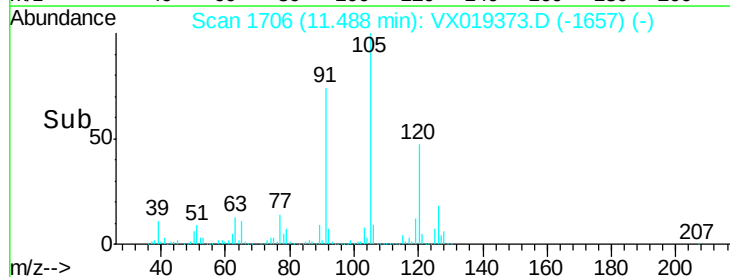
300000

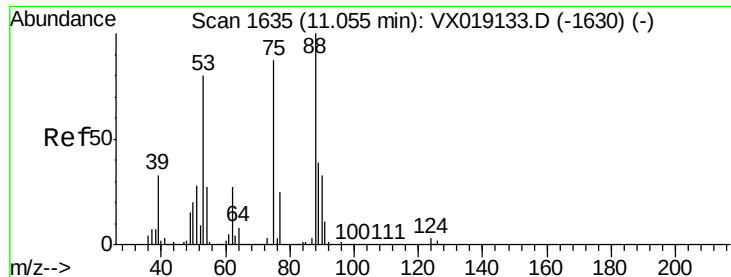
200000

100000

0

11.45 11.50 11.55





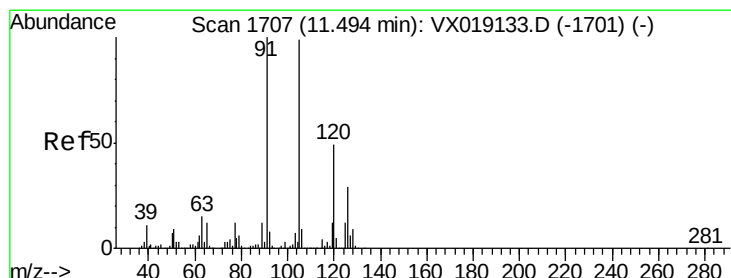
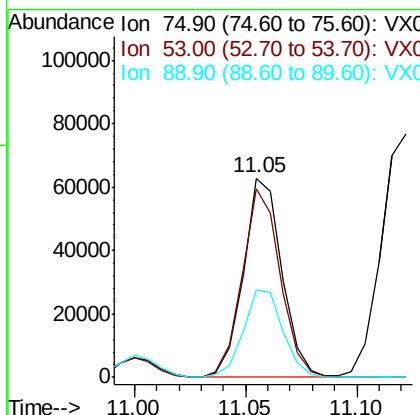
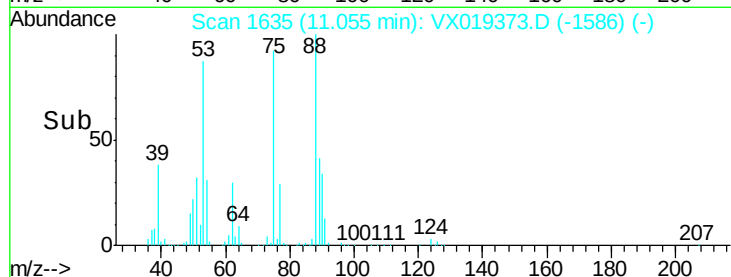
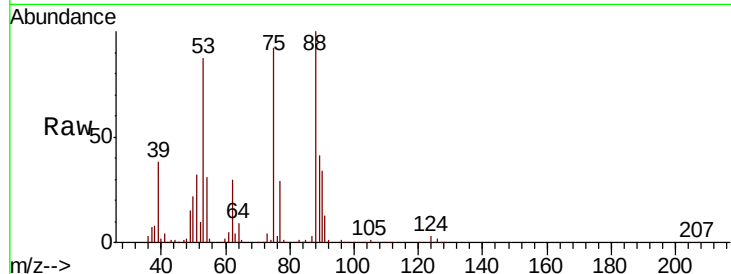
#81
trans-1,4-Dichloro-2-butene
Concen: 48.437 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	73.3	109.9
89	45.5	38.2	57.2

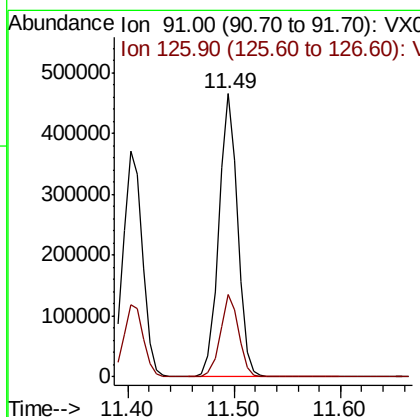
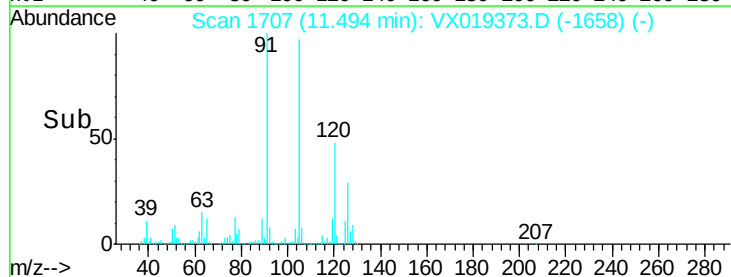
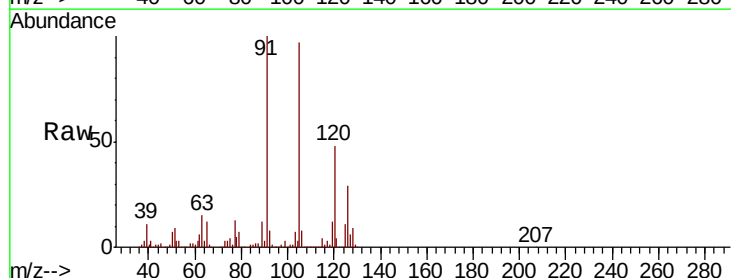
Manual Integrations
APPROVED

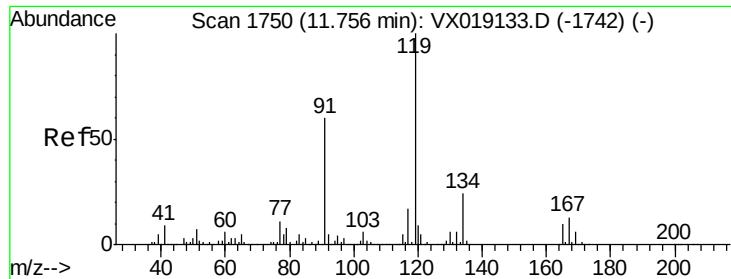
MMDadoda
11/10/2020 8:57:25 AM



#82
4-Chlorotoluene
Concen: 49.292 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.8	44.4





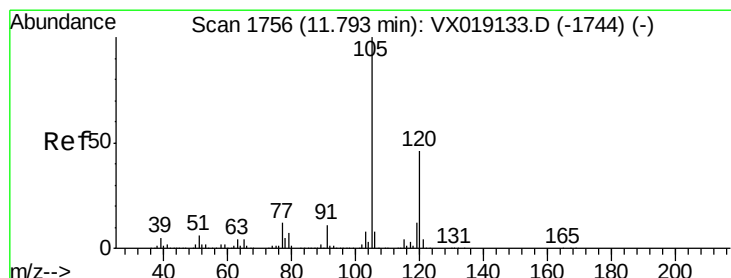
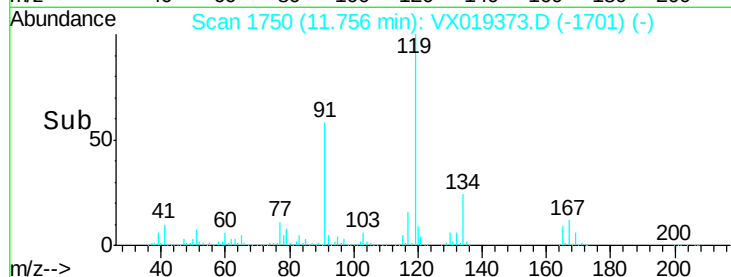
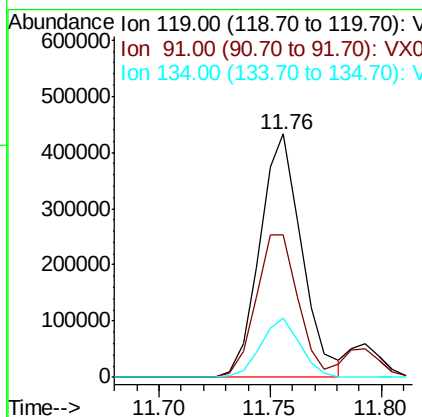
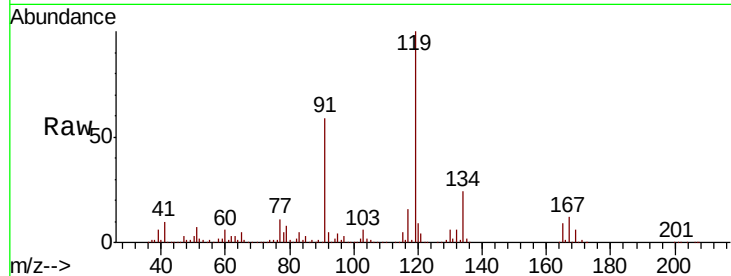
#83
 tert-Butylbenzene
 Concen: 49.686 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	565731		
91	59.0		29.0	87.1
134	22.9		11.7	35.0

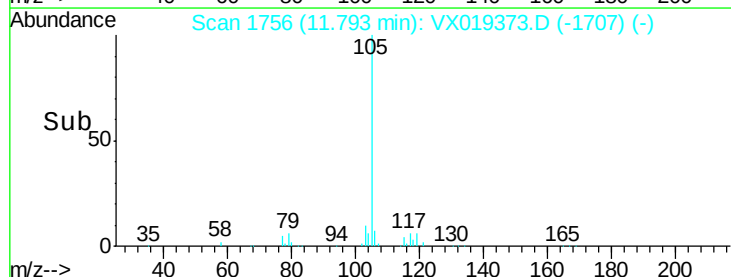
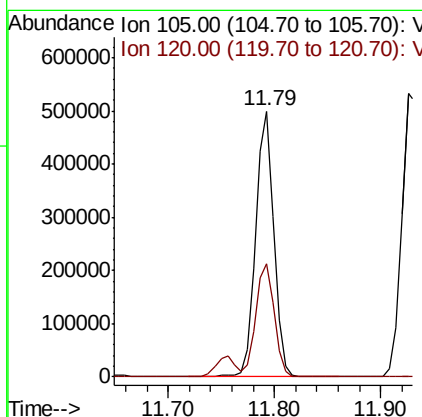
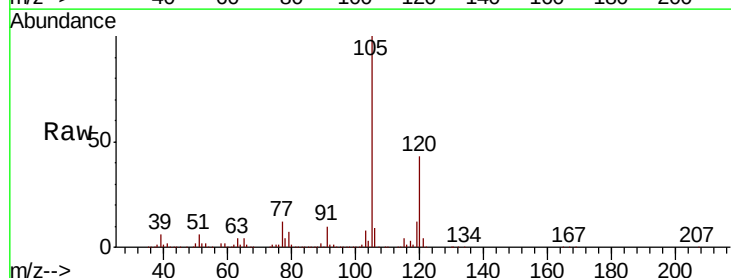
Manual Integrations
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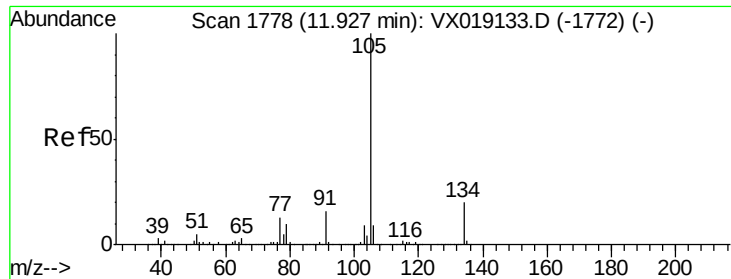
MMDadoda
 11/10/2020 8:57:25 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.737 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	597102		
120	43.6		22.4	67.3





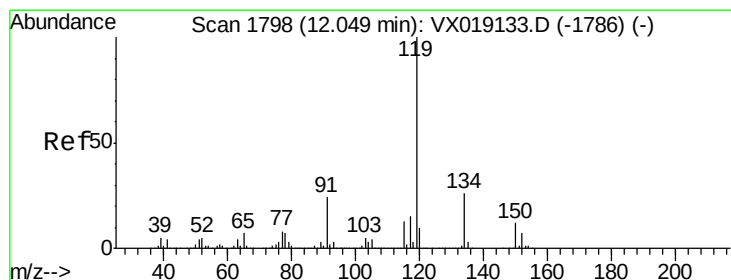
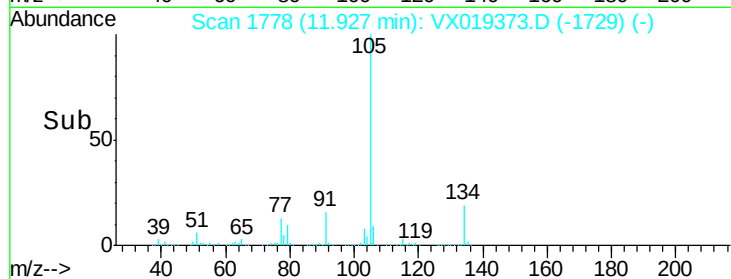
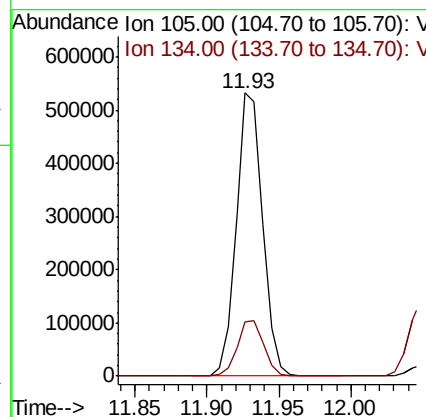
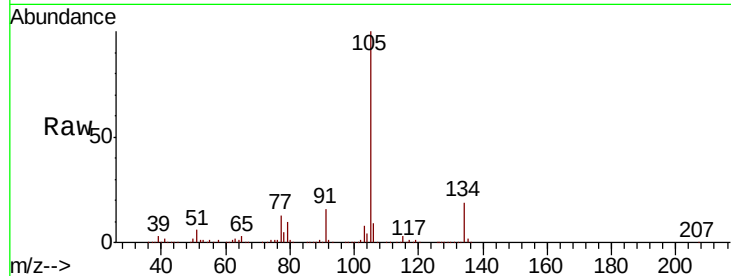
#85
 sec-Butylbenzene
 Concen: 49.847 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.8	10.1	30.1

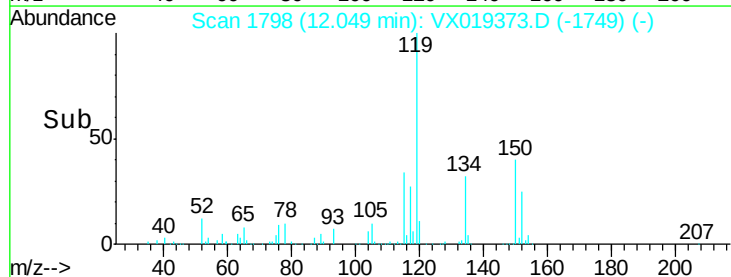
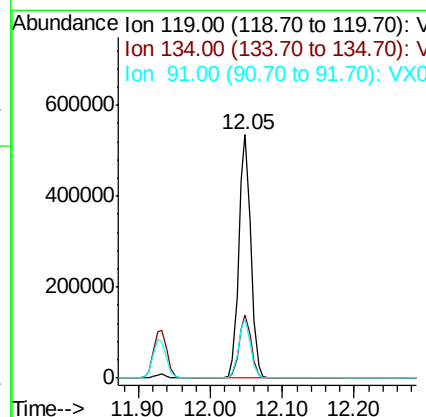
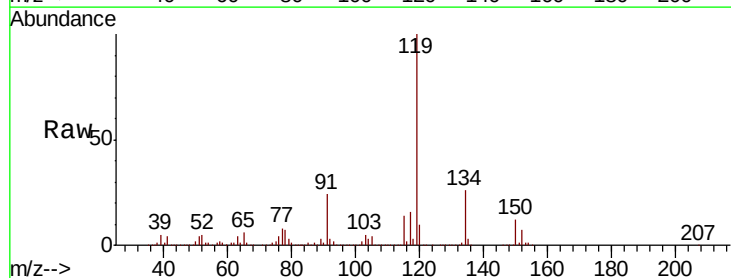
Manual Integrations
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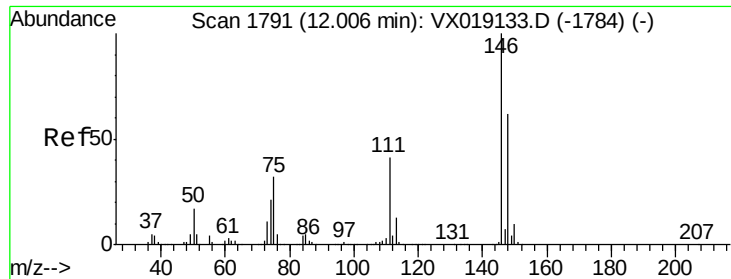
MMDadoda
 11/10/2020 8:57:25 AM



#86
 p-Isopropyltoluene
 Concen: 49.560 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.9	38.7
91	24.4	12.0	36.0





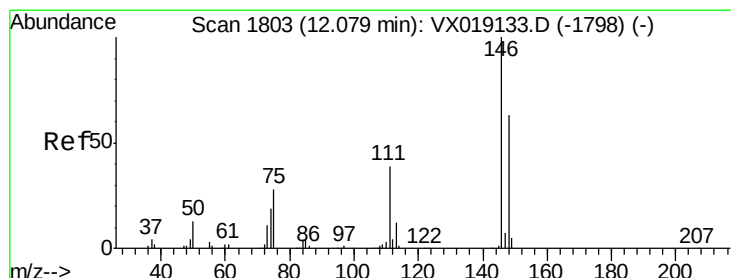
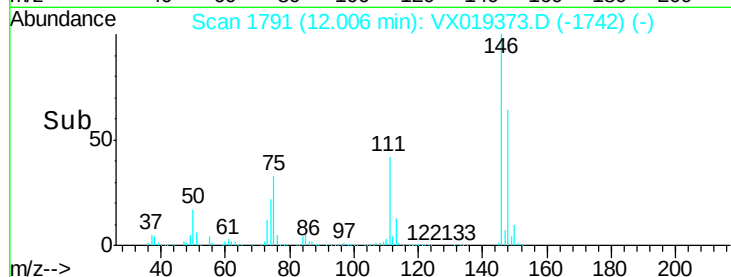
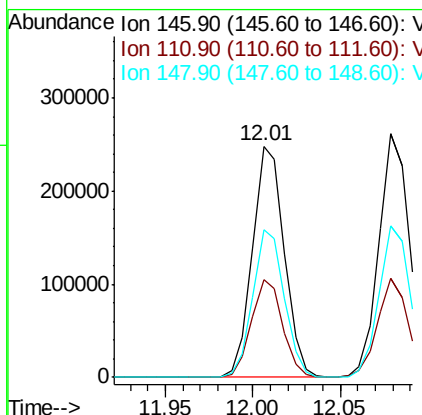
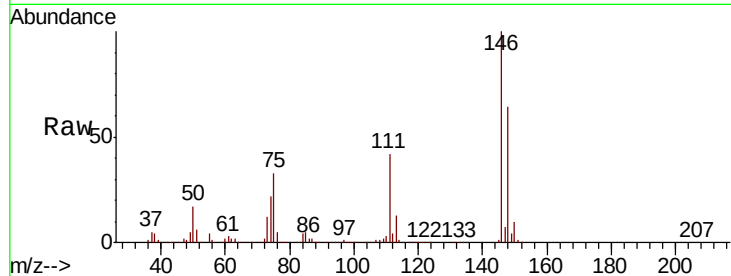
#87
 1,3-Dichlorobenzene
 Concen: 48.188 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	20.4	61.2
148	63.2	31.6	94.8

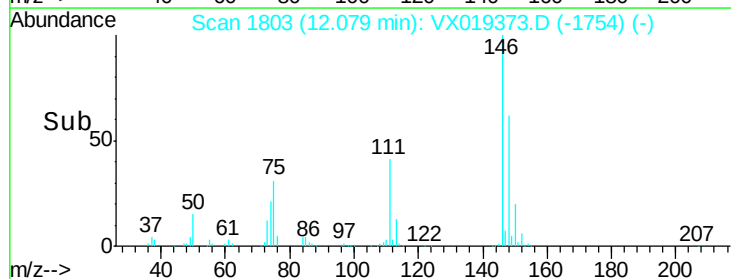
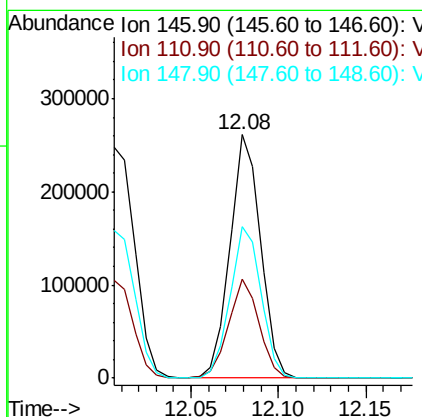
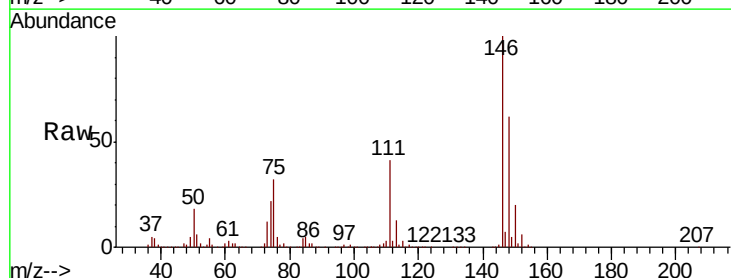
Manual Integrations
 APPROVED

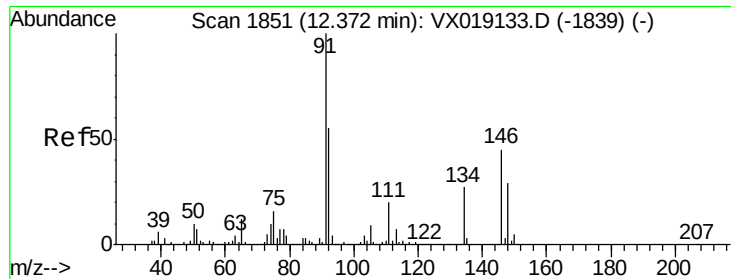
MMDadoda
 11/10/2020 8:57:25 AM



#88
 1,4-Dichlorobenzene
 Concen: 46.753 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	63.2	31.3	93.8





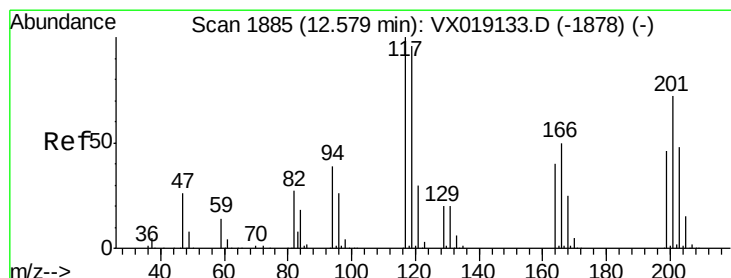
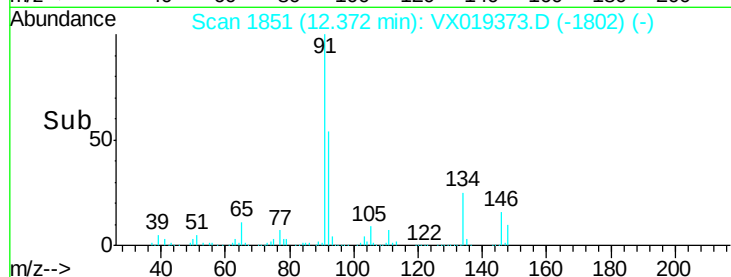
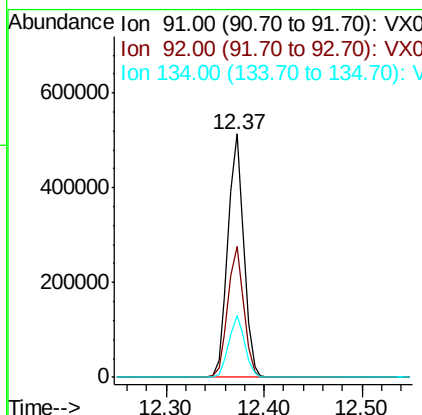
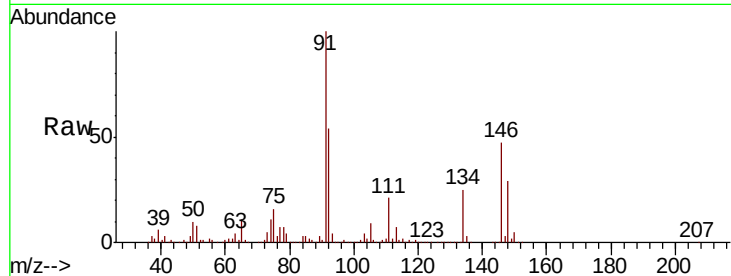
#89
n-Butylbenzene
Concen: 49.232 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.0	27.5	82.4
134	25.2	13.2	39.6

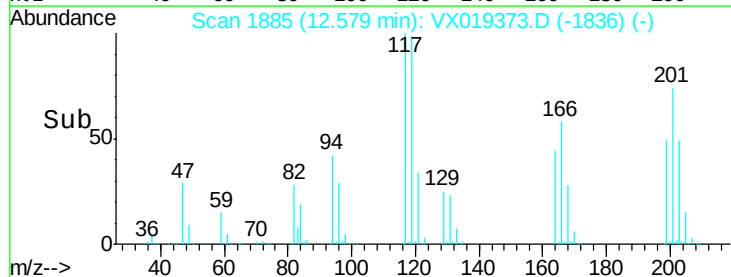
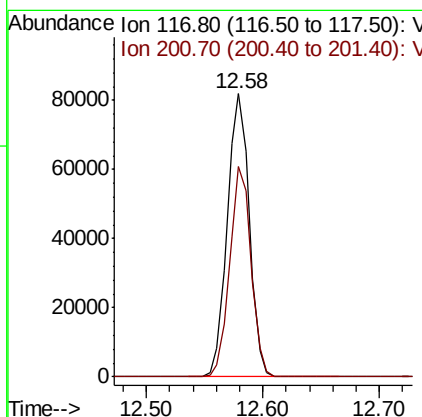
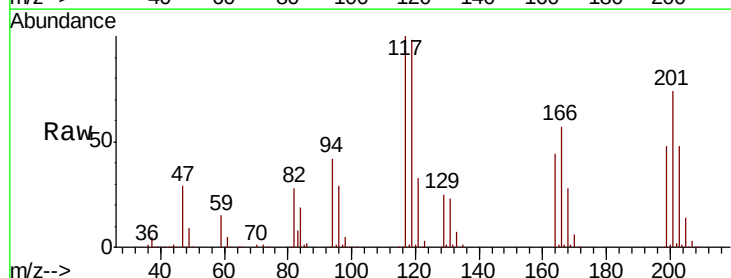
Manual Integrations
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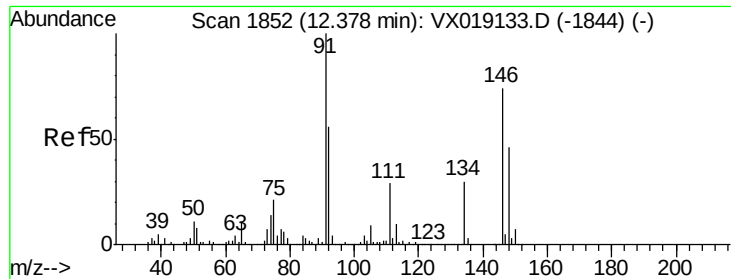
MMDadoda
11/10/2020 8:57:25 AM



#90
Hexachloroethane
Concen: 50.041 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.3	38.5	115.3





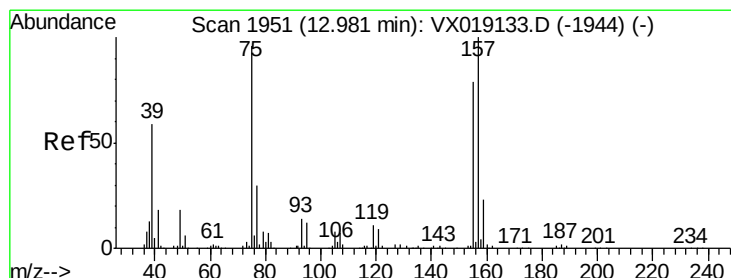
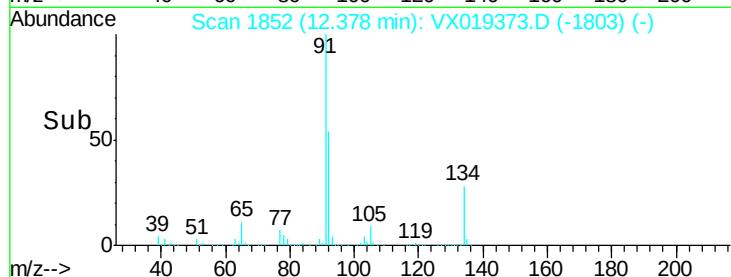
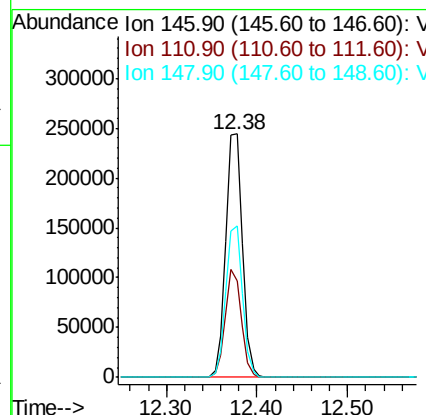
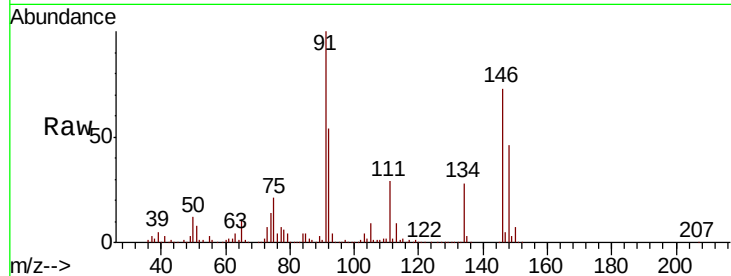
#91
 1,2-Dichlorobenzene
 Concen: 50.308 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.2	63.6
148	62.0	31.6	94.7

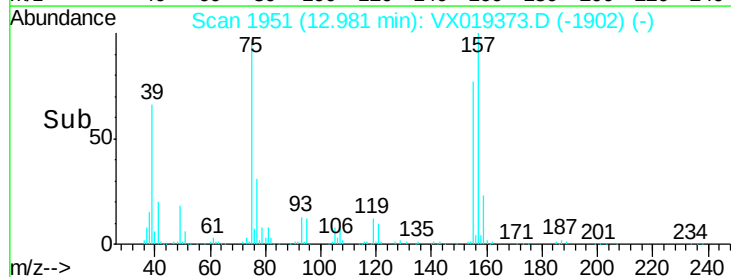
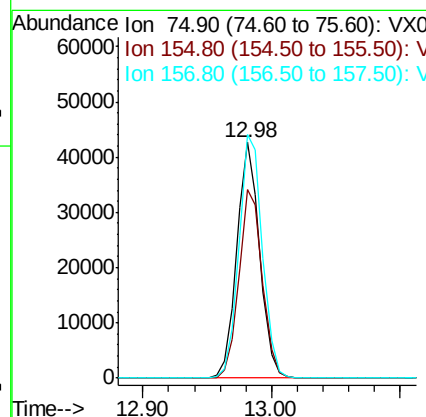
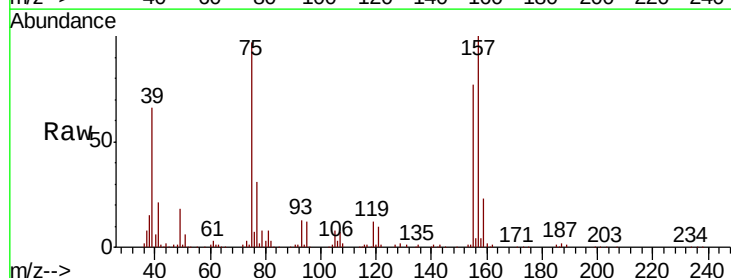
Manual Integrations
 APPROVED

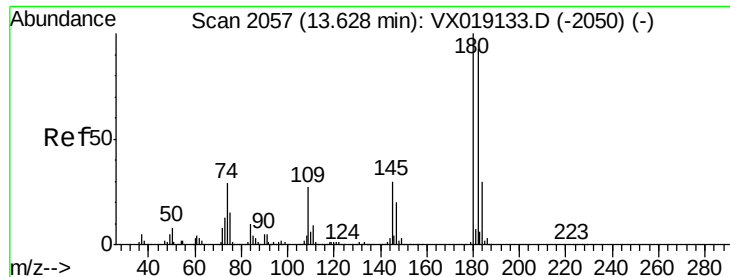
MMDadoda
 11/10/2020 8:57:25 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.033 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019373.D
 Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.4	42.8	128.4
157	105.5	54.8	164.4





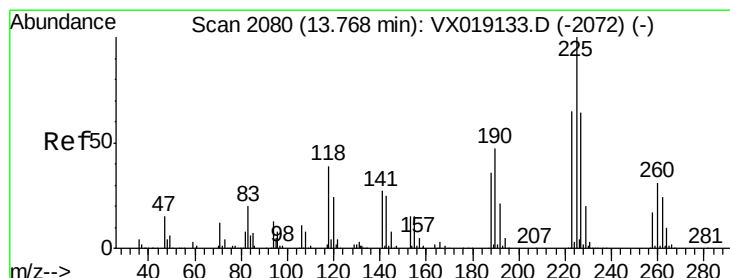
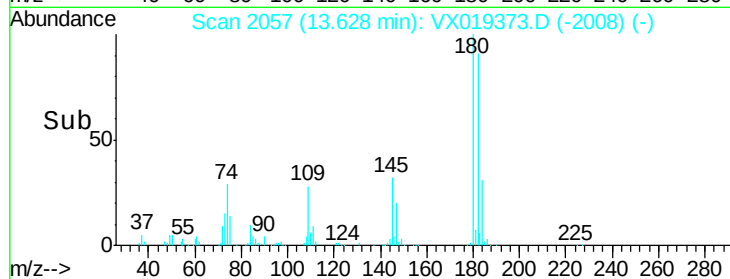
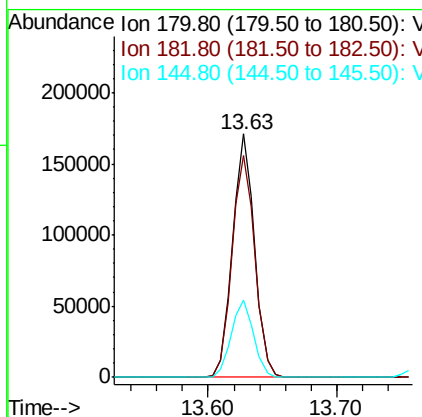
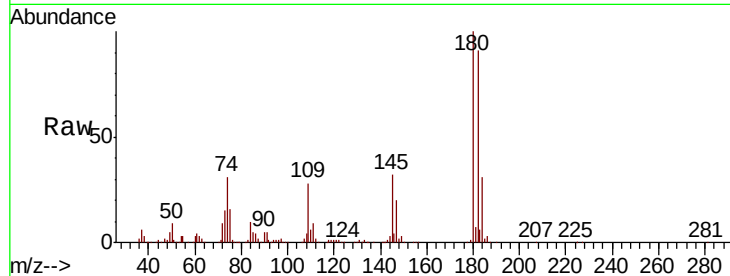
#93
1,2,4-Trichlorobenzene
Concen: 43.517 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	204200		
182	94.7	46.8	140.3	
145	32.4	15.5	46.5	

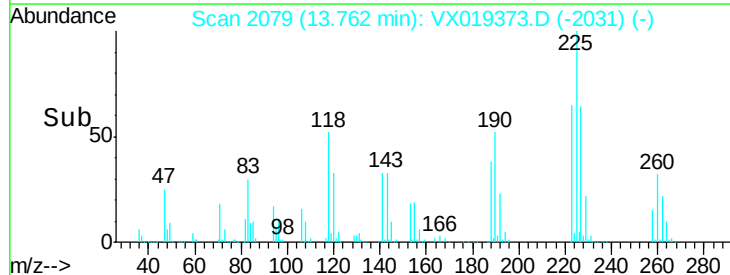
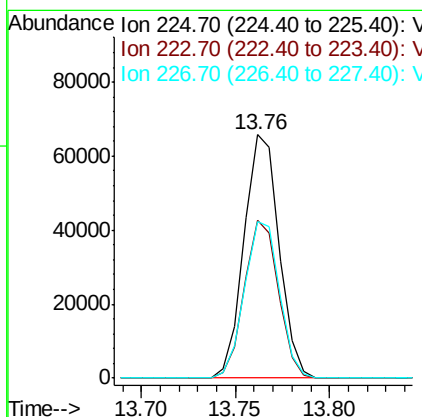
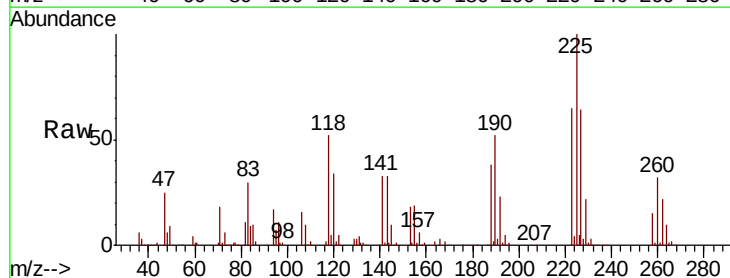
Manual Integrations
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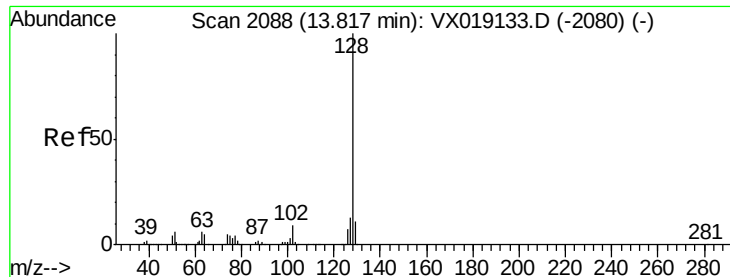
MMDadoda
11/10/2020 8:57:25 AM



#94
Hexachlorobutadiene
Concen: 41.157 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	85016		
223	63.0	32.4	97.2	
227	64.2	31.6	94.7	





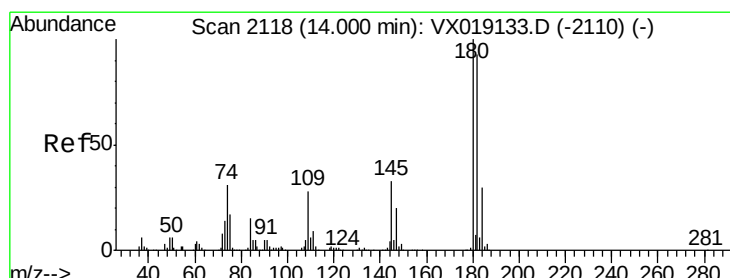
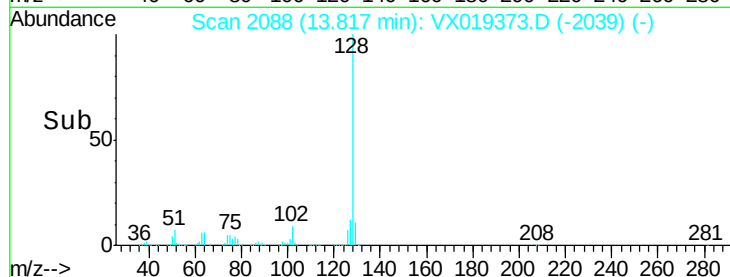
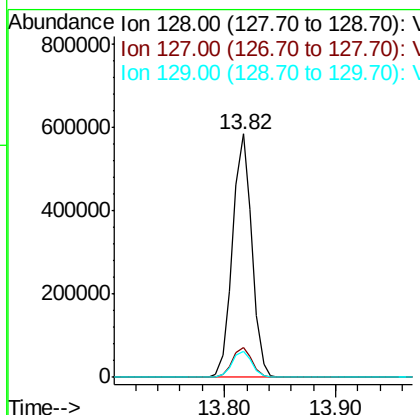
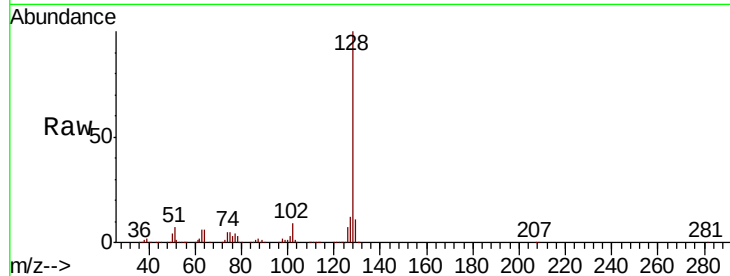
#95
Naphthalene
Concen: 47.176 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
11/10/2020 8:57:25 AM



#96
1,2,3-Trichlorobenzene
Concen: 42.742 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019373.D
Acq: 09 Nov 2020 17:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.7	47.8	143.3
145	35.6	16.5	49.5

