LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
Data File : VX033933.D
Acq On : 27 Jan 2023 13:28
Operator : JC/MD
Sample : 01321-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33903

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Title : SW846 8260

Signal : TIC: VX033933.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.453	56	60	73	rBV	782724	912798	3.01%	2.172%
2	2.160	152	176	179	rBV	5946734	30316589	100.00%	72.151%
3	3.111	323	332	350	rVB	207970	477877	1.58%	1.137%
4	5.550	722	732	747	rVB	149436	417618	1.38%	0.994%
5	6.037	805	812	824	rVB	177849	468670	1.55%	1.115%
6	6.763	920	931	944	rBV	208786	505928	1.67%	1.204%
7	8.647	1234	1240	1246	rBV	434399	681935	2.25%	1.623%
8	8.720	1246	1252	1264	rVB	389041	617977	2.04%	1.471%
9	10.055	1465	1471	1480	rBV	426169	592758	1.96%	1.411%
10	10.299	1505	1511	1519	rBV	408481	543034	1.79%	1.292%
11	10.640	1562	1567	1578	rVB	351242	447199	1.48%	1.064%
12	11.079	1634	1639	1651	rBV	370986	473501	1.56%	1.127%
13	11.378	1683	1688	1696	rVV	301195	516800	1.70%	1.230%
14	11.750	1744	1749	1756	rBV	722806	860316	2.84%	2.047%
15	12.018	1788	1793	1799	rVB	460054	595873	1.97%	1.418%
16	12.085	1799	1804	1815	rVB	330186	415300	1.37%	0.988%
17	12.244	1822	1830	1833	rBV2	244868	381198	1.26%	0.907%
18	13.292	1992	2002	2007	rBV2	447097	686270	2.26%	1.633%
19	13.420	2019	2023	2032	rVB	284230	362645	1.20%	0.863%
20	13.774	2074	2081	2088	rVB	369012	462580	1.53%	1.101%
21	14.231	2149	2156	2164	rBV	325480	519135	1.71%	1.235%
22	14.481	2192	2197	2207	rBV2	229308	336044	1.11%	0.800%
23	14.633	2215	2222	2226	rBV2	223045	426488	1.41%	1.015%

Sum of corrected areas: 42018533

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Instrument :
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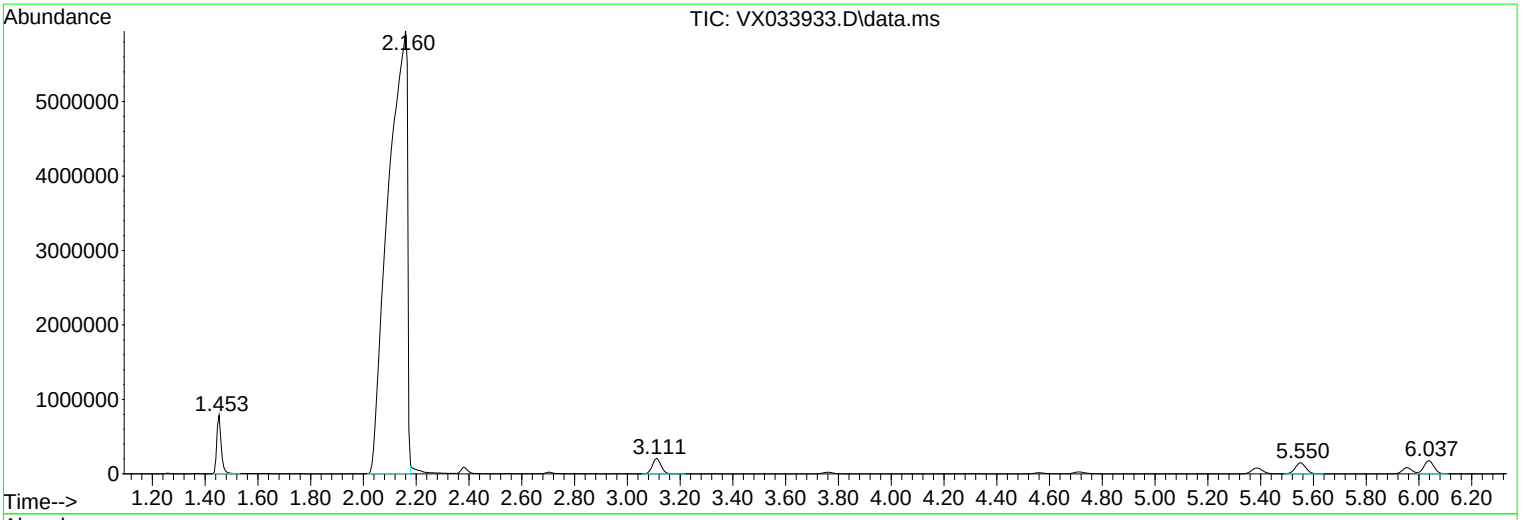
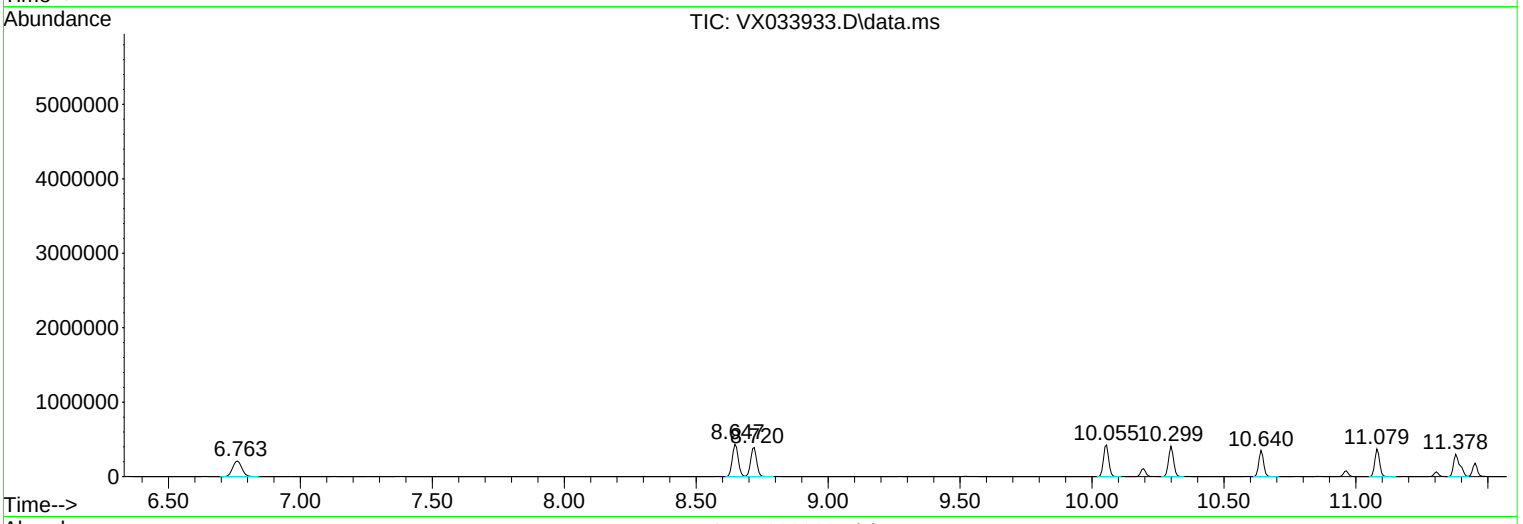
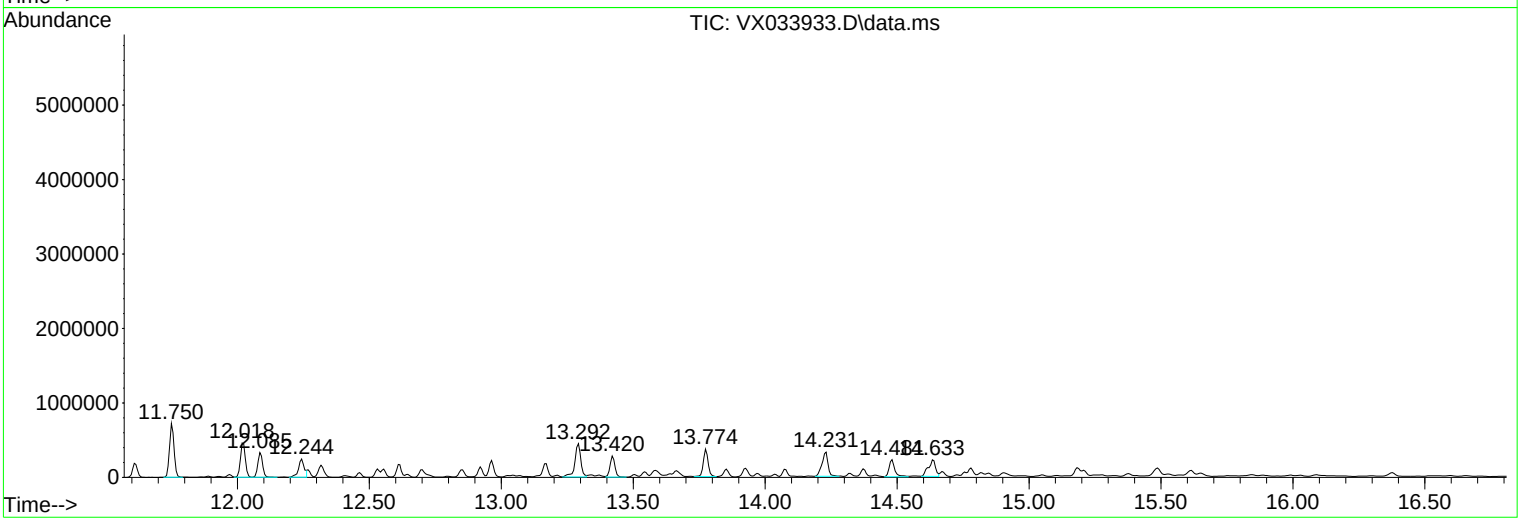
ClientSampleId :
33903

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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Quant Title : SW846 8260

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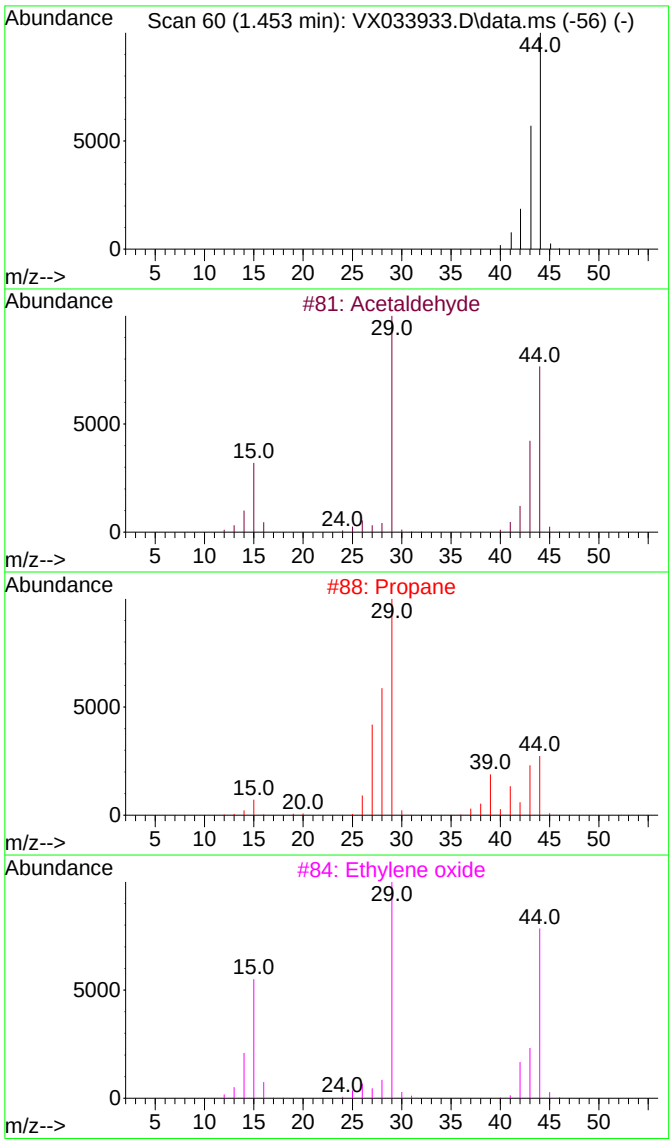
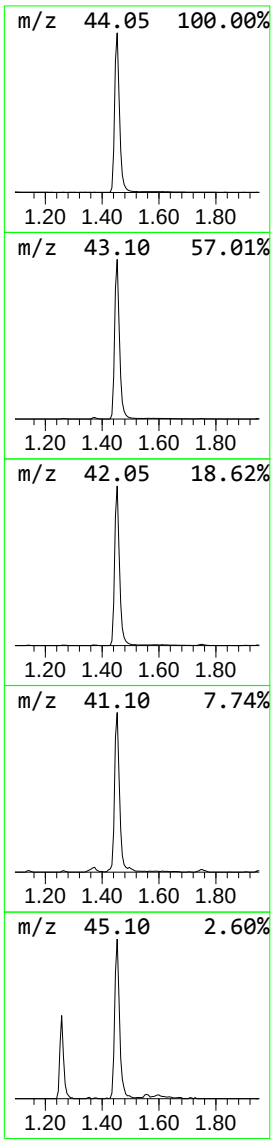
****

Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.453	109.29 ug/l	912798	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Propane	44	C3H8	000074-98-6	5
3	Ethylene oxide	44	C2H4O	000075-21-8	5
4	Alanine	89	C3H7NO2	000056-41-7	4
5	Carbon dioxide	44	CO2	000124-38-9	3





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ClientSampleId :
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Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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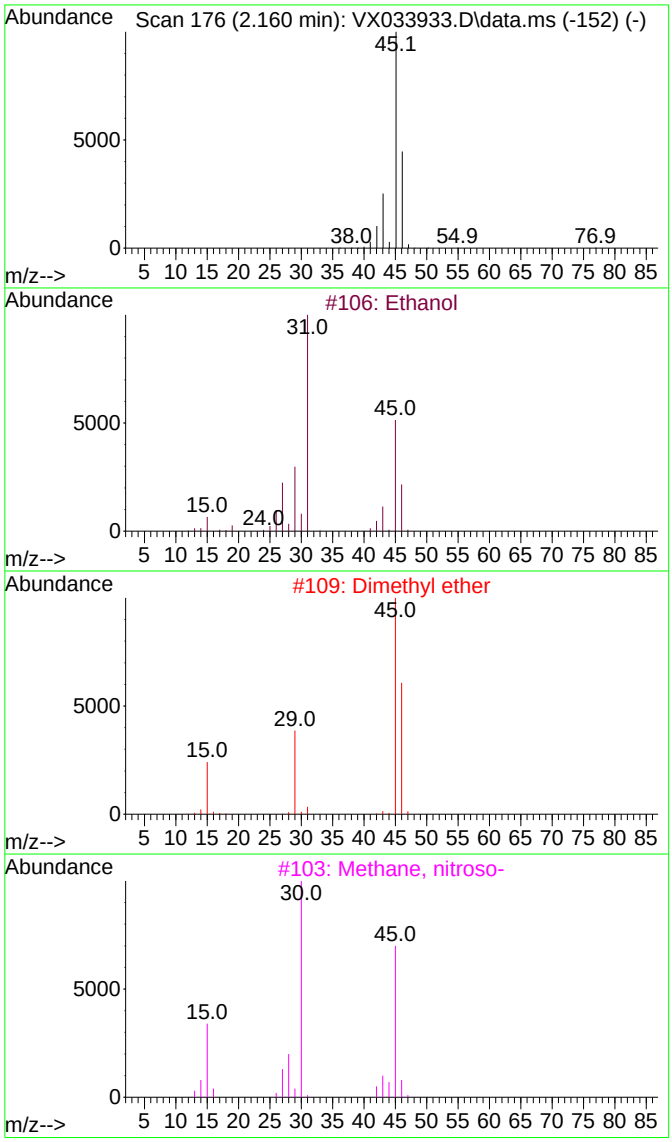
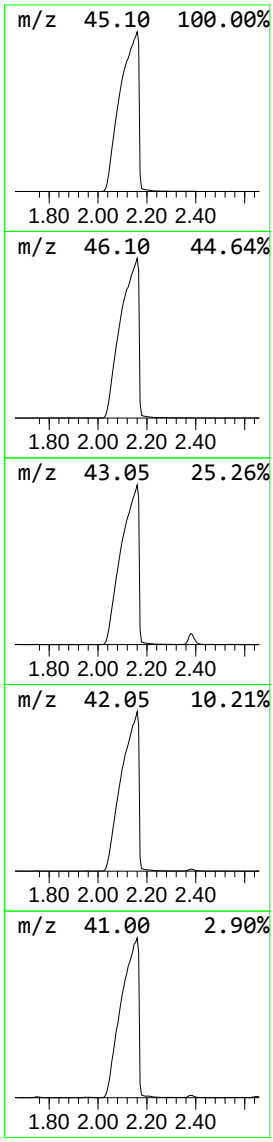
****
Peak Number 2 Ethanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	3629.70 ug/l	30316600	Pentafluorobenzene	5.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	90
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Formamide	45	CH3NO	000075-12-7	2





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Instrument :
MSVOA_X
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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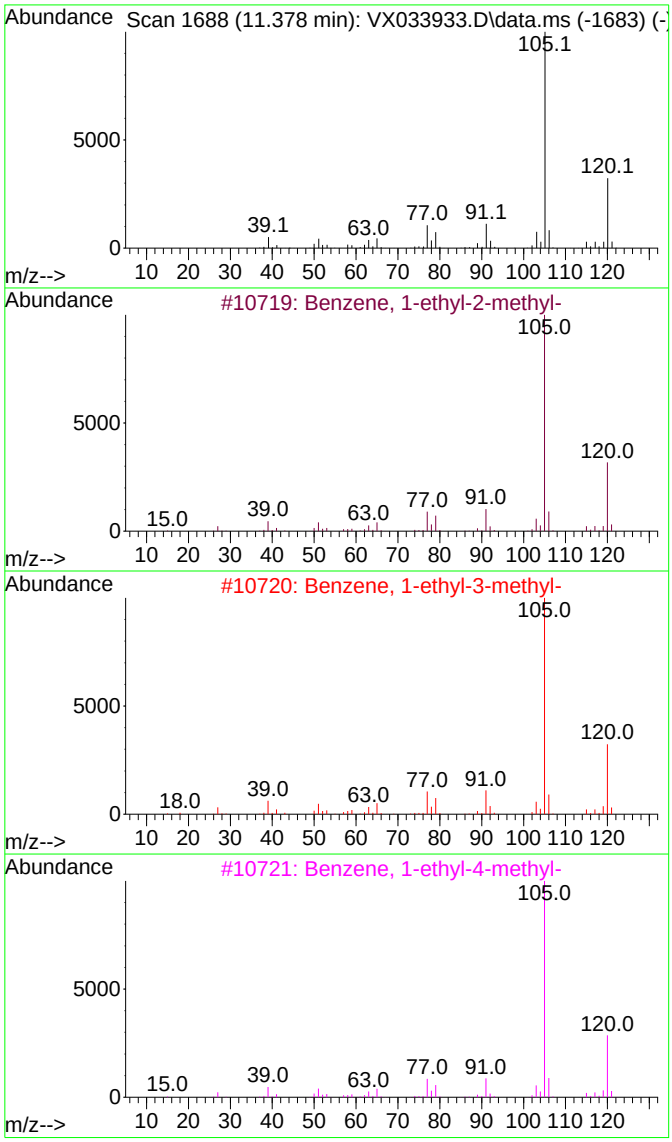
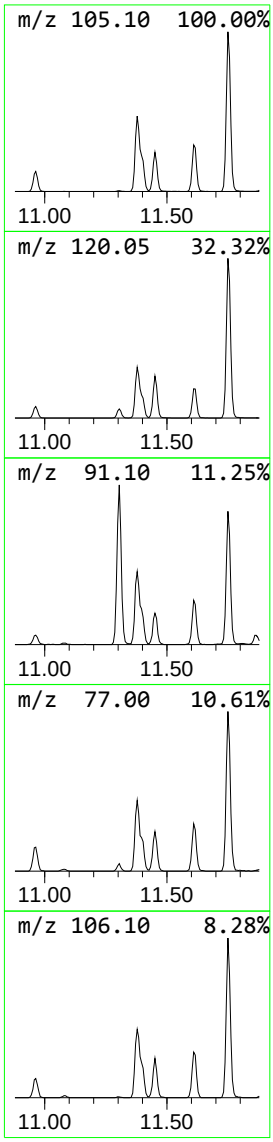
****
Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.378	43.36 ug/l	516800	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Instrument :
MSVOA_X
ClientSampleId :
33903

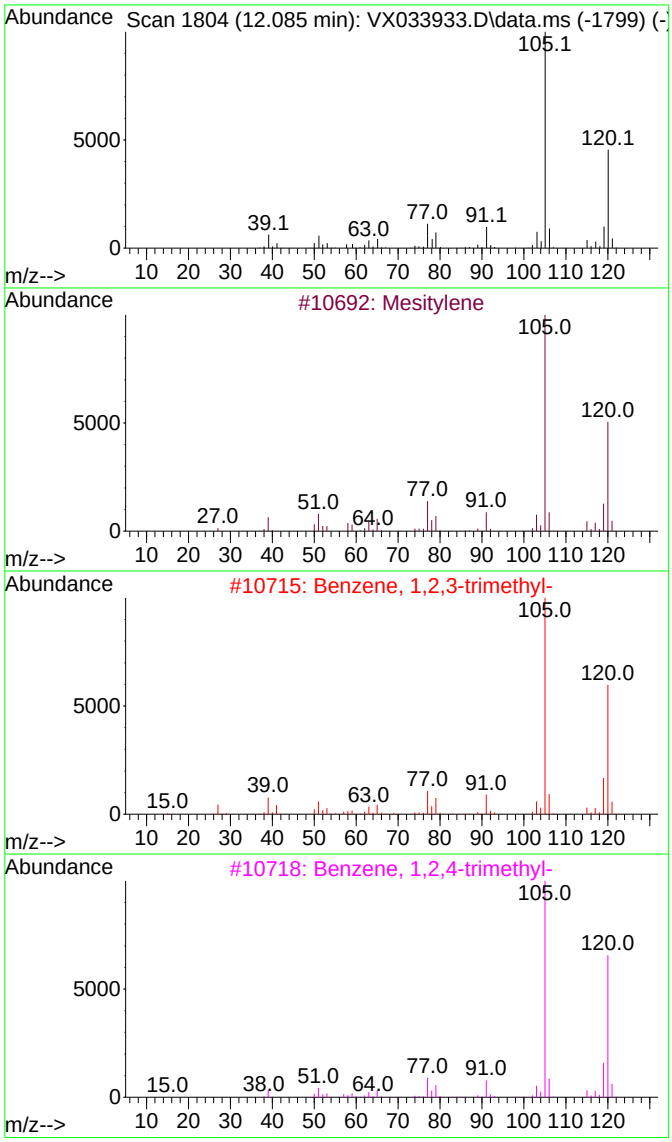
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

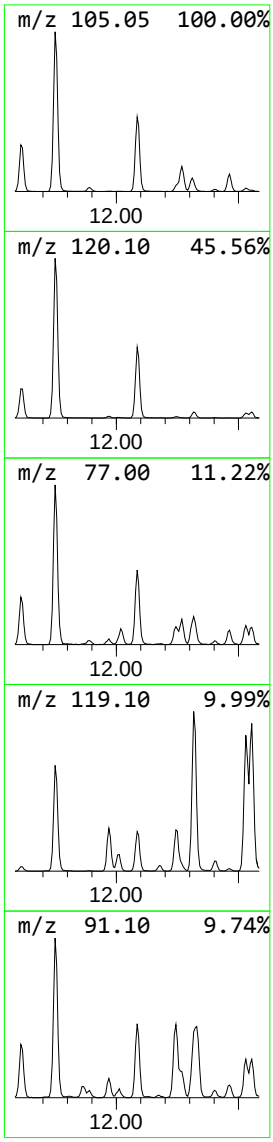
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.085	34.85 ug/l	415300	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





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Operator : JC/MD
Sample : 01321-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33903

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
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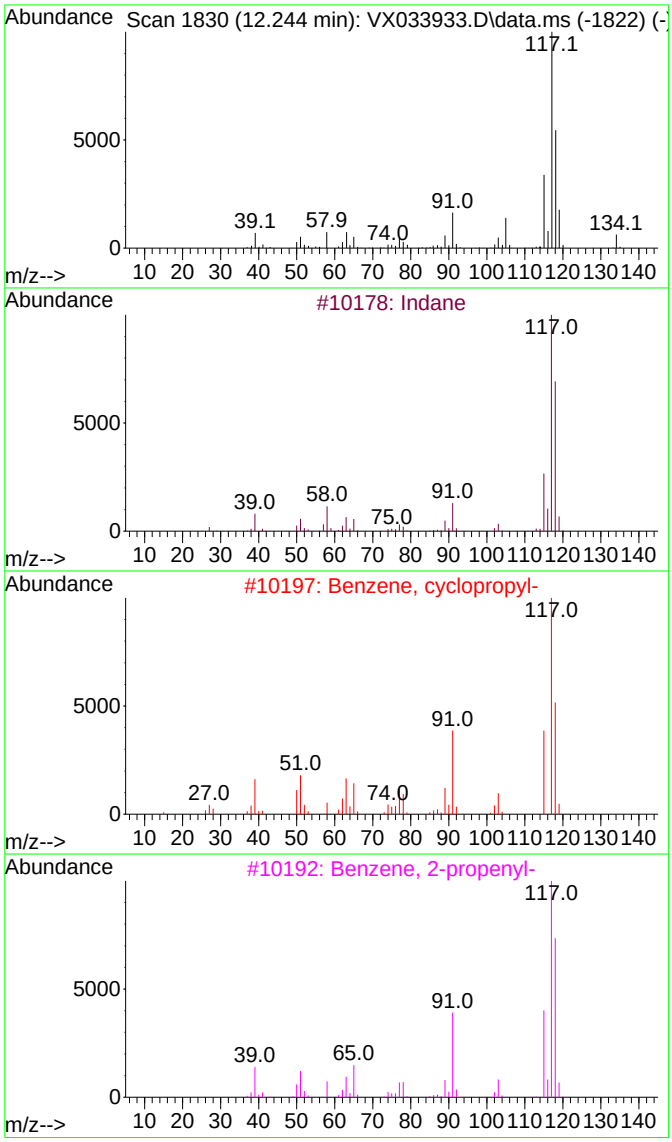
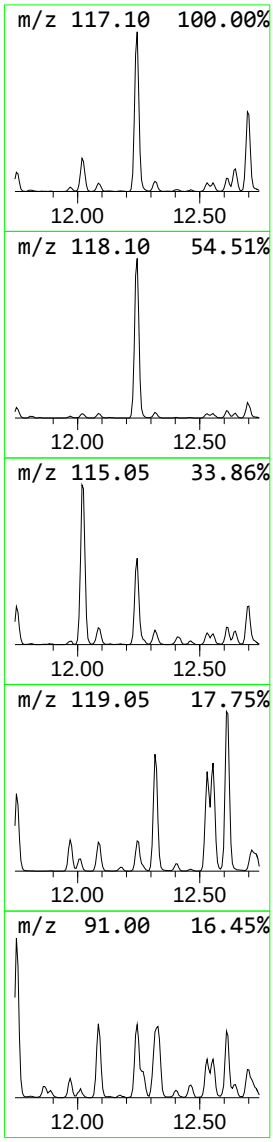
****

Peak Number 5 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	31.99 ug/l	381198	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	68
4	Deltacyclene	118	C9H10	007785-10-6	58
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	49





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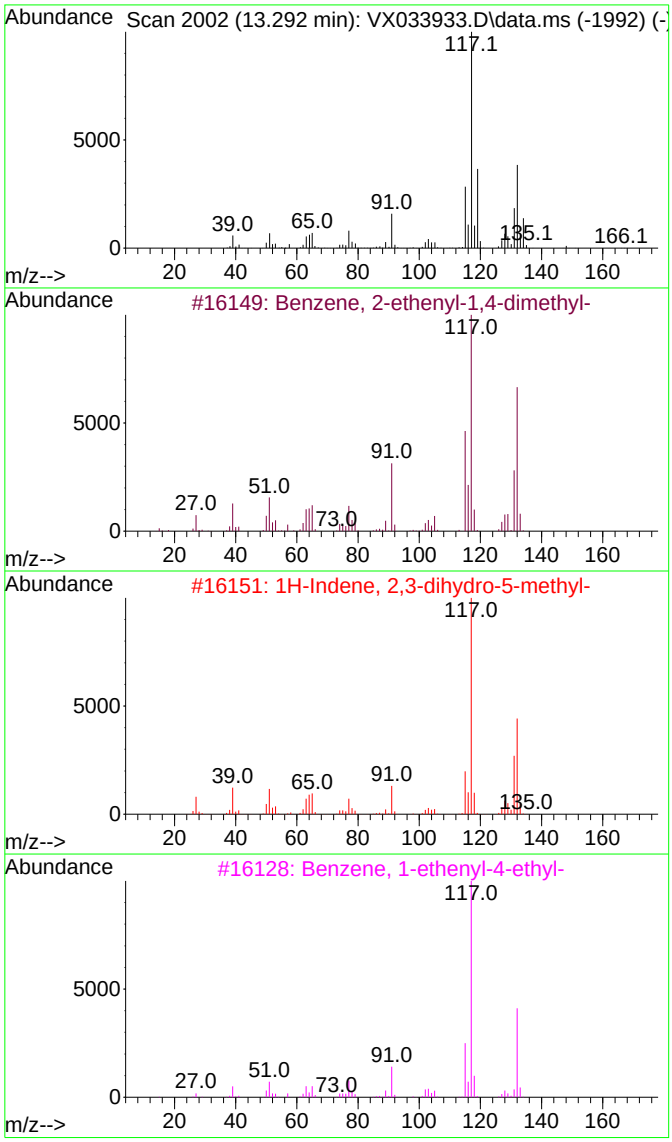
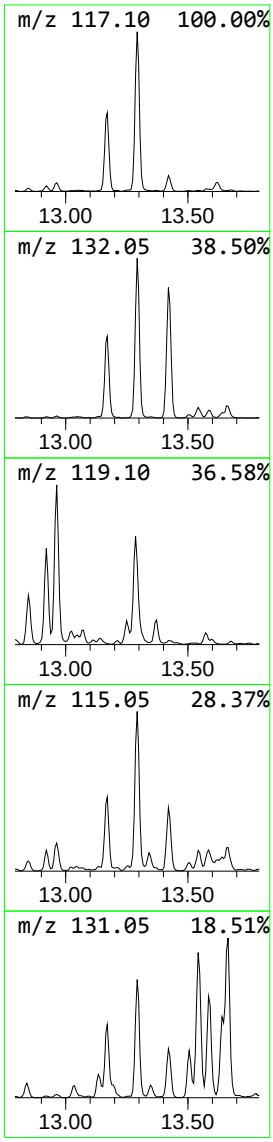
****
Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	57.59 ug/l	686270	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	90
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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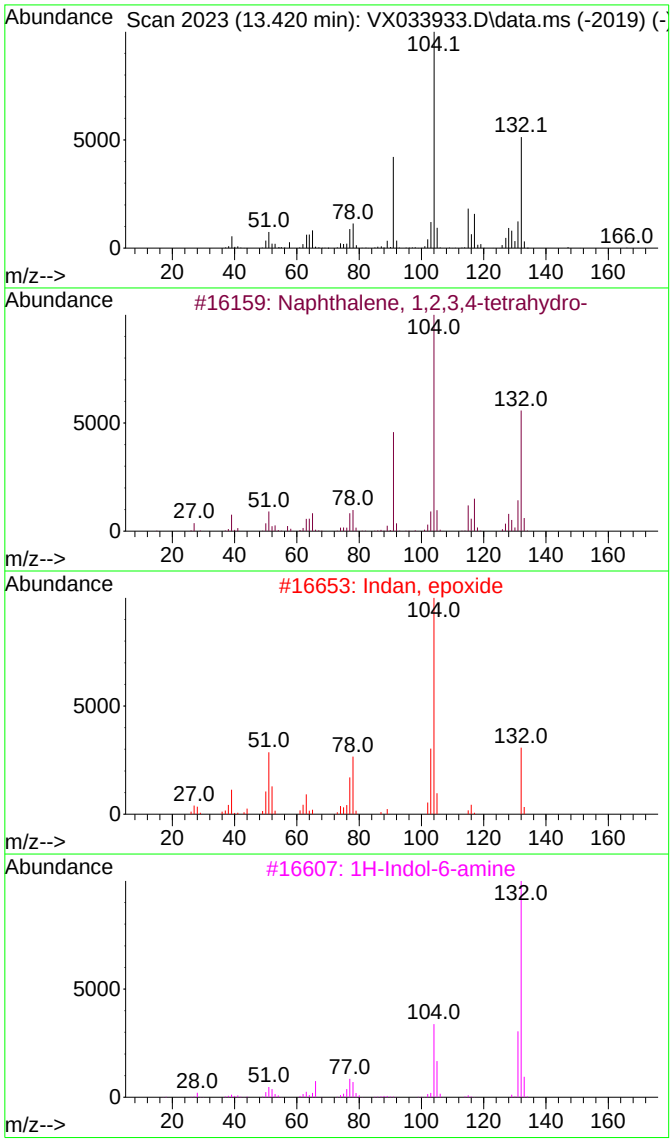
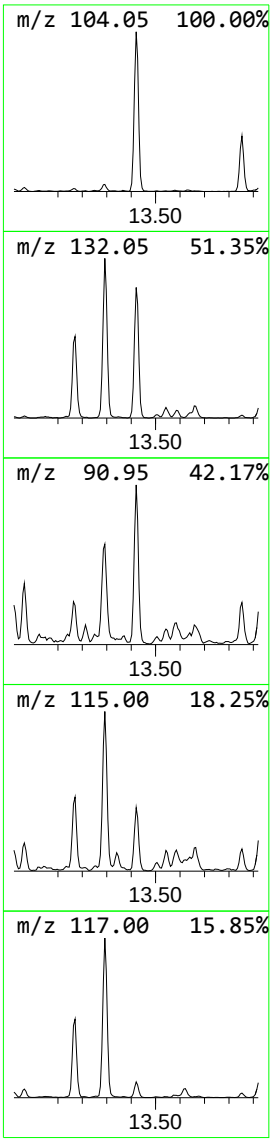
****
Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.420	30.43 ug/l	362645	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-	132	C10H12	000119-64-2	93
2	Indan, epoxide	132	C9H8O	000768-22-9	50
3	1H-Indol-6-amine	132	C8H8N2	005318-27-4	40
4	Acetic acid, trifluoro-, 2-pheny...	218	C10H9F3O2	055419-66-4	38
5	Isoquinoline, 1,2,3,4-tetrahydro-	133	C9H11N	000091-21-4	38





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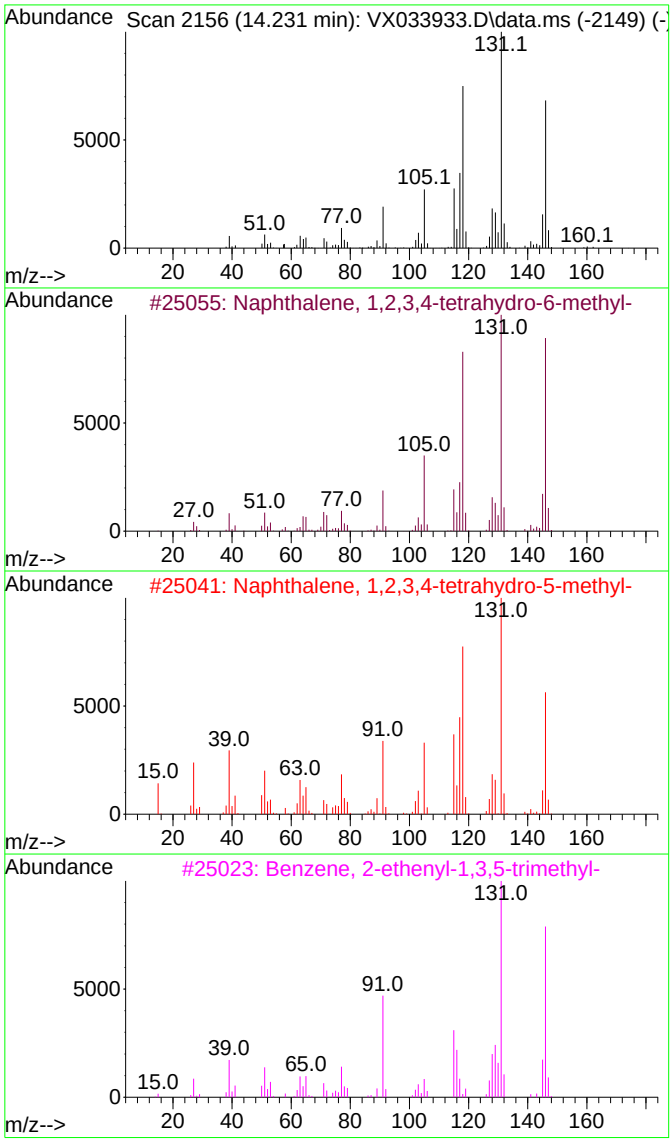
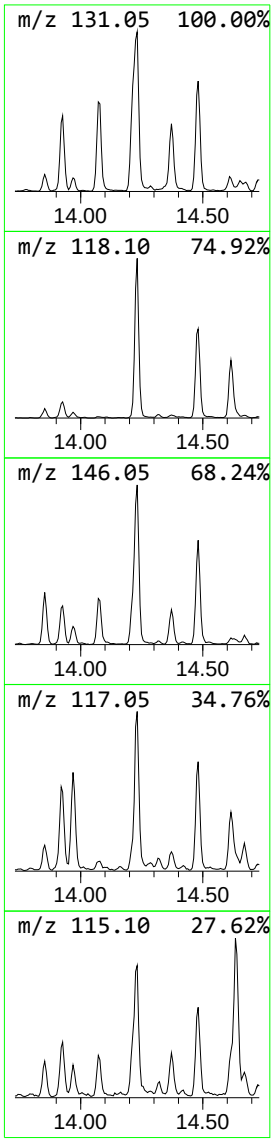
****
Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.231	43.56 ug/l	519135	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	97
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	97
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	78
4	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64
5	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	55





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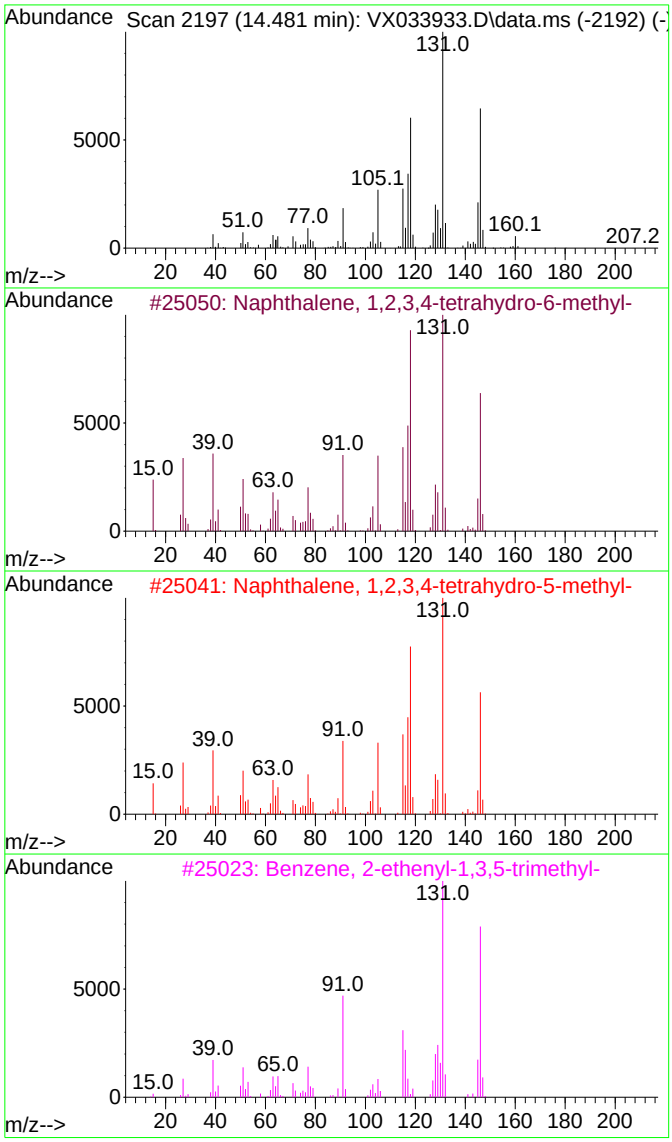
Quant Title : SW846 8260

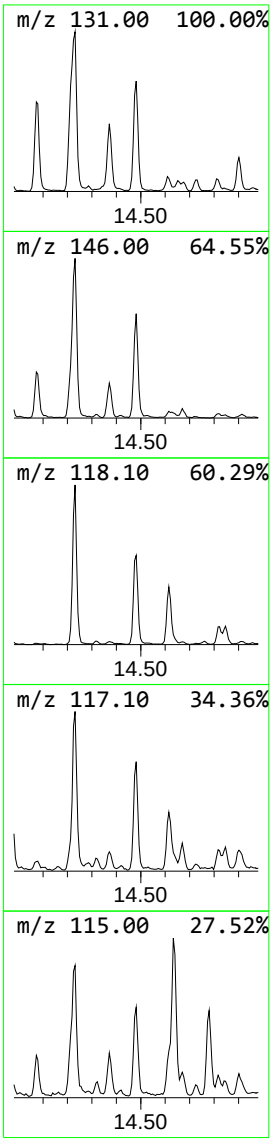
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.481	28.20 ug/l	336044	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	94
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	94
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	83
4	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1010189-31-0	76
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76





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Acq On : 27 Jan 2023 13:28
Operator : JC/MD
Sample : 01321-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33903

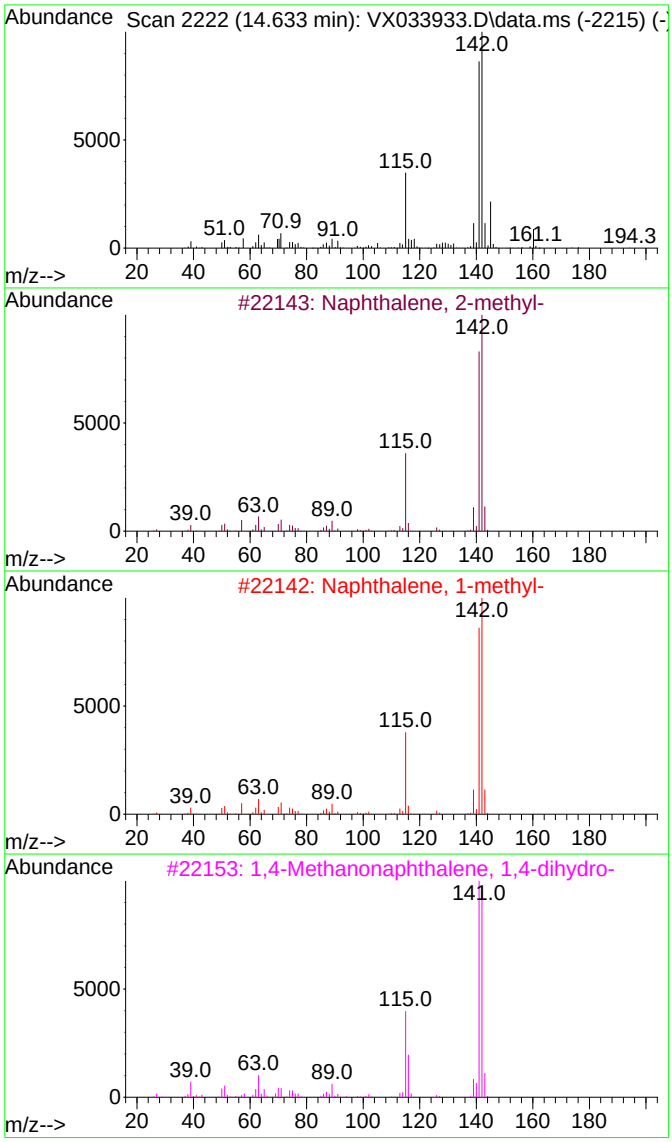
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

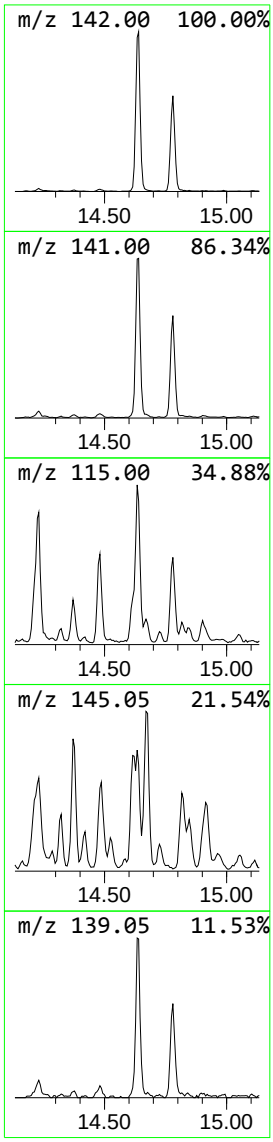
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.633	35.79 ug/l	426488	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	81
4	Benzocycloheptatriene	142	C11H10	000264-09-5	81
5	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
Data File : VX033933.D
Acq On : 27 Jan 2023 13:28
Operator : JC/MD
Sample : 01321-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
33903

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.453	109.3	ug/l	912798	1	5.550	417618	50.0
Ethanol	2.160	3629.7	ug/l	30316600	1	5.550	417618	50.0
Benzene, 1-ethy...	11.378	43.4	ug/l	516800	4	12.024	595873	50.0
Benzene, 1,2,3-...	12.085	34.9	ug/l	415300	4	12.024	595873	50.0
Indane	12.244	32.0	ug/l	381198	4	12.024	595873	50.0
Benzene, 2-ethe...	13.292	57.6	ug/l	686270	4	12.024	595873	50.0
Naphthalene, 1,...	13.420	30.4	ug/l	362645	4	12.024	595873	50.0
Naphthalene, 1,...	14.231	43.6	ug/l	519135	4	12.024	595873	50.0
Naphthalene, 1,...	14.481	28.2	ug/l	336044	4	12.024	595873	50.0
Naphthalene, 2-...	14.633	35.8	ug/l	426488	4	12.024	595873	50.0