LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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\82X111721W.M
Title : SW846 8260

Signal : TIC: VX025439.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.252	22	27	28	rBV	321087	408033	3.49%	0.592%
2	1.270	28	30	42	rVV	309072	496218	4.24%	0.720%
3	1.368	42	46	52	rVB	436054	475461	4.07%	0.689%
4	1.746	103	108	121	rVB	611564	860765	7.36%	1.248%
5	1.959	138	143	155	rVV3	437756	911119	7.79%	1.321%
6	2.069	155	161	170	rVV	341210	476265	4.07%	0.691%
7	2.160	171	176	180	rVV	203589	305905	2.62%	0.444%
8	2.215	180	185	200	rVB	575957	866107	7.41%	1.256%
9	2.745	261	272	280	rBV	133886	309913	2.65%	0.449%
10	2.867	286	292	303	rVB	259715	574495	4.91%	0.833%
11	3.117	321	333	347	rVB3	217434	535786	4.58%	0.777%
12	3.733	428	434	443	rVB	78608	187743	1.61%	0.272%
13	3.837	443	451	457	rBV	52743	131926	1.13%	0.191%
14	4.105	485	495	507	rVB	73713	195029	1.67%	0.283%
15	4.306	516	528	540	rBV	206338	584407	5.00%	0.847%
16	5.196	662	674	691	rVB	124657	377342	3.23%	0.547%
17	5.391	695	706	712	rVV	65129	193880	1.66%	0.281%
18	5.477	712	720	727	rVV	143962	446712	3.82%	0.648%
19	5.556	727	733	761	rVB	104282	324592	2.78%	0.471%
20	5.964	789	800	805	rBV	66083	175287	1.50%	0.254%
21	6.044	805	813	825	rVV	443106	1166991	9.98%	1.692%
22	6.202	828	839	857	rVB2	55192	199454	1.71%	0.289%
23	6.769	923	932	941	rBV	164567	436322	3.73%	0.633%
24	8.653	1234	1241	1246	rBV	348842	543688	4.65%	0.788%
25	8.726	1246	1253	1269	rVB	3122868	4886224	41.78%	7.086%
26	8.958	1281	1291	1297	rBV	153830	240903	2.06%	0.349%
27	9.049	1297	1306	1312	rVB	150265	230376	1.97%	0.334%
28	10.055	1465	1471	1477	rBV	346062	466698	3.99%	0.677%
29	10.201	1488	1495	1505	rBV	4736691	6302290	53.89%	9.139%
30	10.311	1505	1513	1518	rBV	8651365	11694895	100.00%	16.959%
31	10.646	1562	1568	1579	rVB	5016923	6304071	53.90%	9.142%
32	10.963	1615	1620	1627	rBV	226904	281681	2.41%	0.408%
33	11.085	1634	1640	1650	rBV	287700	368807	3.15%	0.535%
34	11.305	1671	1676	1682	rBV	490865	607931	5.20%	0.882%
35	11.384	1682	1689	1696	rVV	1364143	2624135	22.44%	3.805%
36	11.457	1696	1701	1707	rVB	679861	860228	7.36%	1.247%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

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\82X111721W.M
Title : SW846 8260

37	11.616	1721	1727	1736	rBV	1352649	1642082	14.04%	2.381%
38	11.756	1744	1750	1755	rBV	4212174	4924513	42.11%	7.141%
39	12.024	1789	1794	1799	rVB	392898	494650	4.23%	0.717%
40	12.091	1799	1805	1810	rBV	1526588	1831587	15.66%	2.656%
41	12.244	1825	1830	1838	rBV	2290607	3008253	25.72%	4.362%
42	12.317	1838	1842	1852	rVB2	226218	334582	2.86%	0.485%
43	12.414	1852	1858	1862	rBV2	199670	254025	2.17%	0.368%
44	12.463	1862	1866	1872	rVB	99701	119425	1.02%	0.173%
45	12.530	1872	1877	1880	rBV	226528	325972	2.79%	0.473%
46	12.555	1880	1881	1886	rVB	175362	164843	1.41%	0.239%
47	12.616	1886	1891	1894	rBV	491685	570733	4.88%	0.828%
48	12.646	1894	1896	1900	rVB	144193	154091	1.32%	0.223%
49	12.701	1900	1905	1913	rBV2	487690	642813	5.50%	0.932%
50	12.853	1924	1930	1934	rVB	128098	164688	1.41%	0.239%
51	12.926	1934	1942	1945	rBV	327150	406387	3.47%	0.589%
52	12.963	1945	1948	1954	rVB	402006	467333	4.00%	0.678%
53	13.170	1978	1982	1987	rVB	462191	539628	4.61%	0.783%
54	13.292	1998	2002	2007	rVB2	1030179	1348585	11.53%	1.956%
55	13.426	2019	2024	2032	rVB	254155	323611	2.77%	0.469%
56	13.548	2040	2044	2047	rBV	93576	120682	1.03%	0.175%
57	13.585	2047	2050	2056	rVB2	97241	149028	1.27%	0.216%
58	13.664	2061	2063	2070	rVB2	113275	162162	1.39%	0.235%
59	13.780	2074	2082	2091	rBV	2406305	2968297	25.38%	4.304%
60	13.871	2091	2097	2101	rBV	181522	233506	2.00%	0.339%
61	14.079	2126	2131	2138	rBV	93592	122145	1.04%	0.177%
62	14.219	2150	2154	2159	rBV2	84124	143082	1.22%	0.207%
63	14.640	2219	2223	2234	rVB	445051	561038	4.80%	0.814%
64	14.780	2241	2246	2261	rVB	540335	731024	6.25%	1.060%

Sum of corrected areas: 68960444

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Acq On : 02 Dec 2021 19:27
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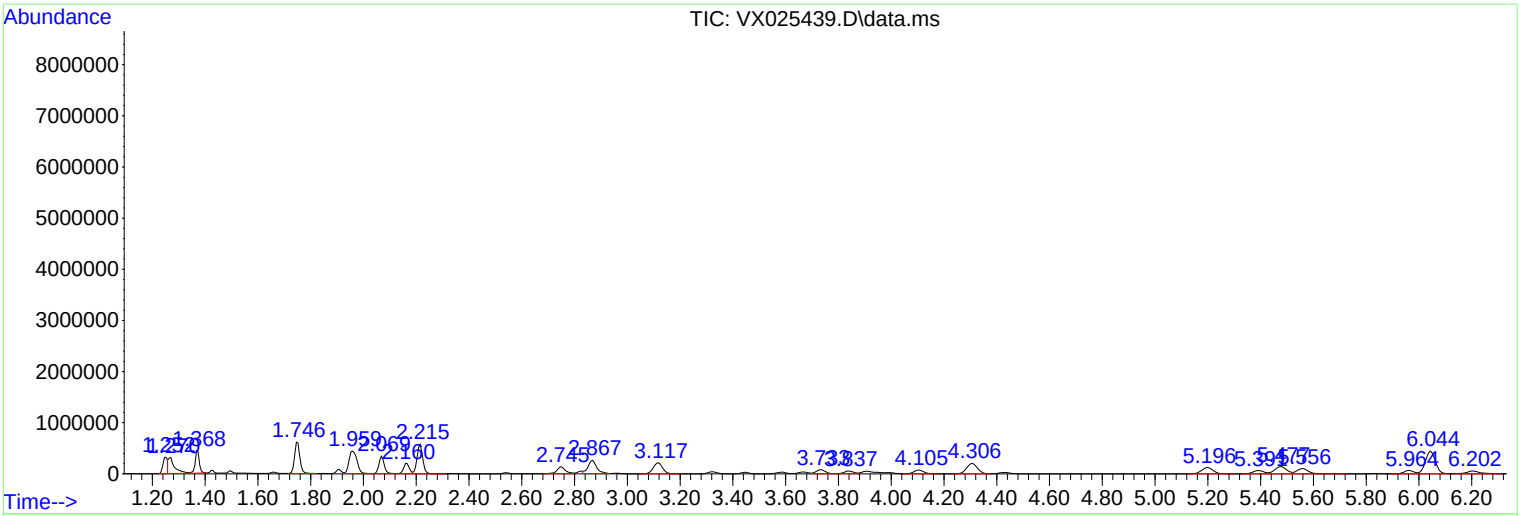
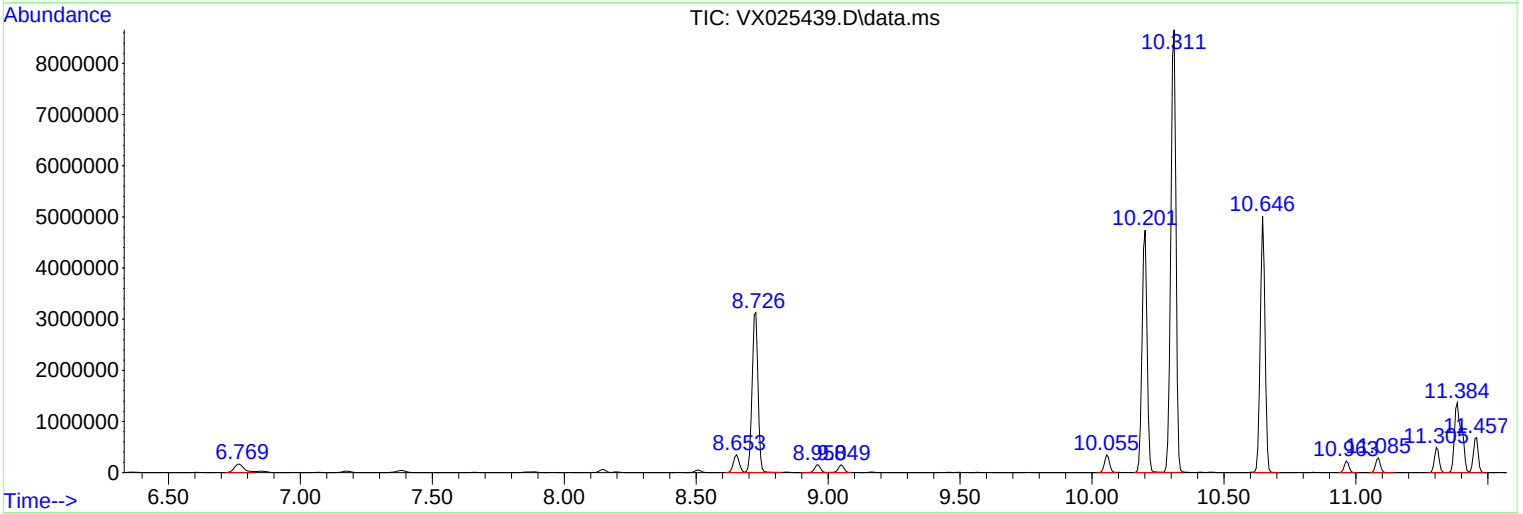
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

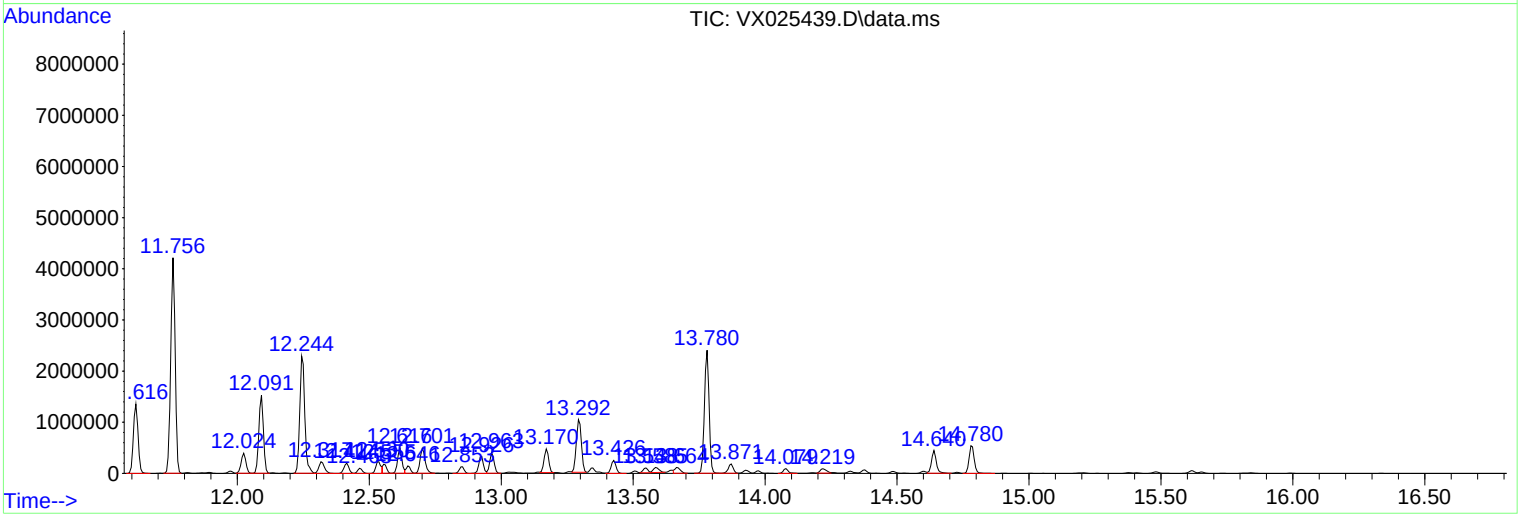
Instrument :
MSVOA_X
ClientSampleId :
MW-25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

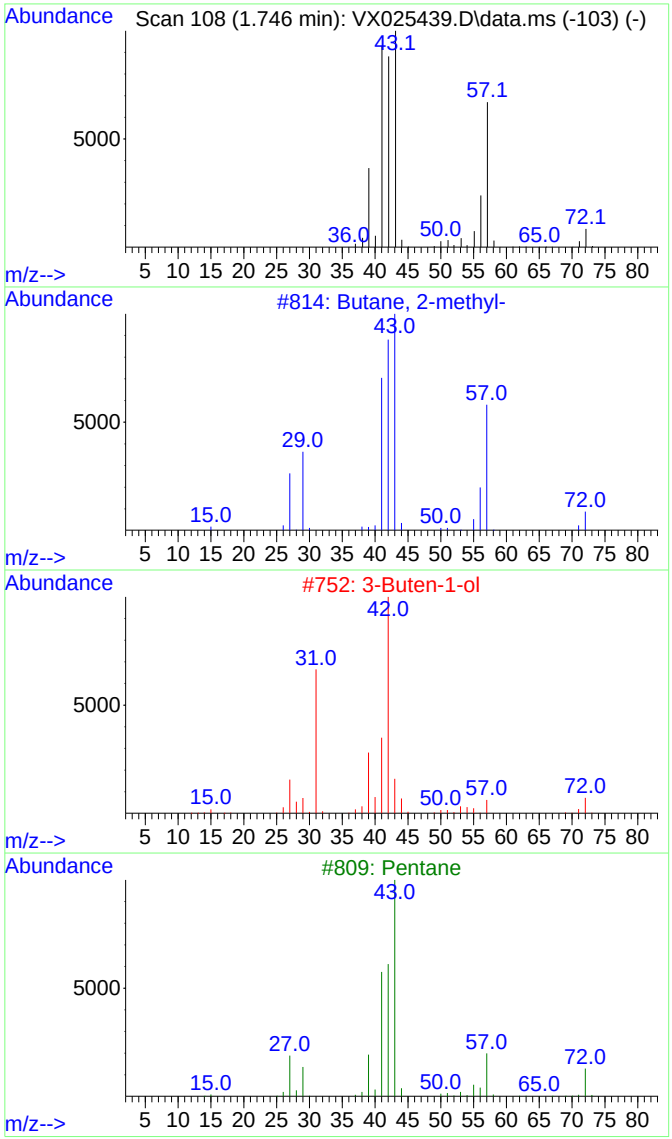
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

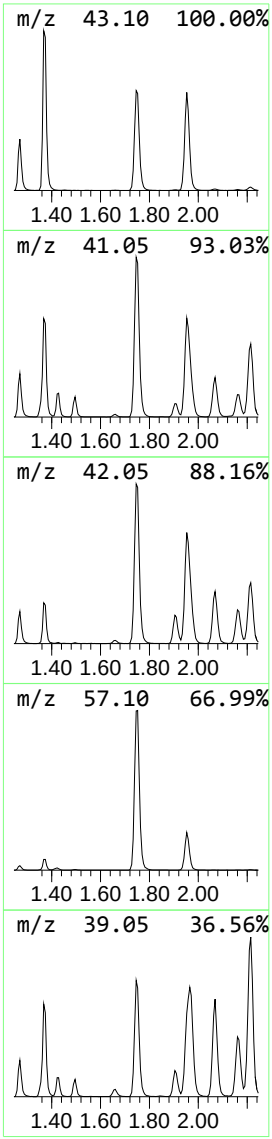
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.746	132.59 ug/l	860765	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	90
2	3-Buten-1-ol	72	C4H8O	000627-27-0	47
3	Pentane	72	C5H12	000109-66-0	36
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	9
5	1-Butene	56	C4H8	000106-98-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

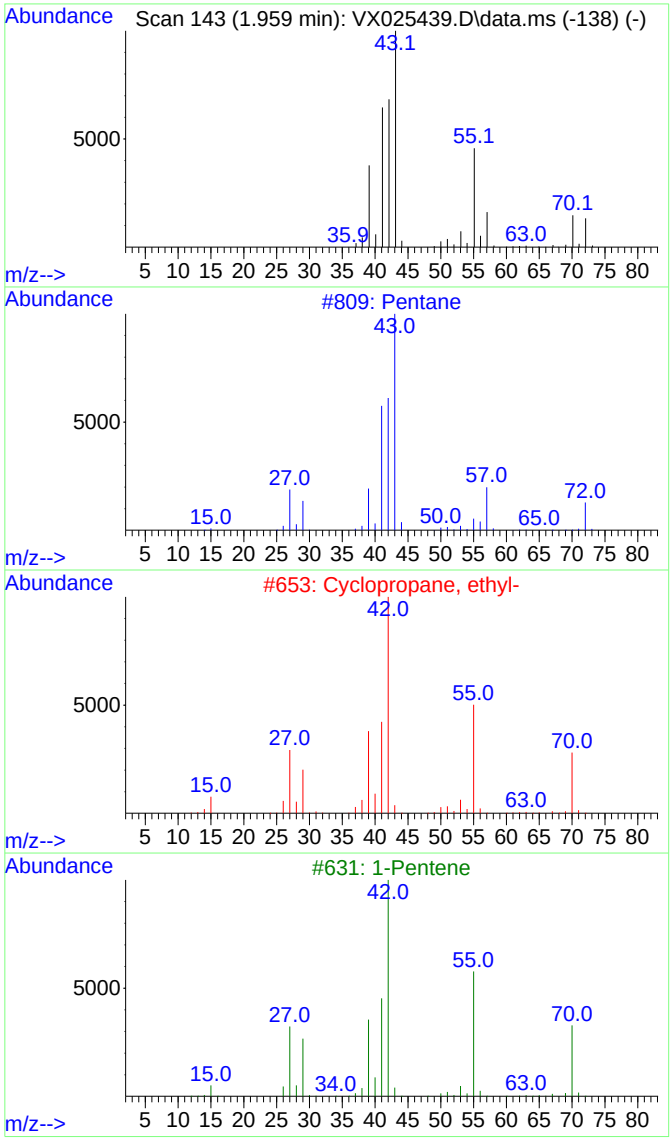
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

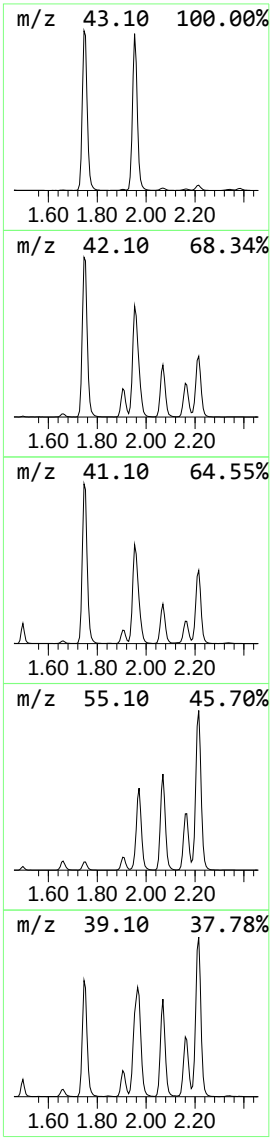
****

Peak Number 2 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.959	140.35 ug/l	911119	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	64
2	Cyclopropane, ethyl-	70	C5H10	001191-96-4	47
3	1-Pentene	70	C5H10	000109-67-1	46
4	Oxirane, ethyl-	72	C4H8O	000106-88-7	32
5	Cyclobutanone	70	C4H6O	001191-95-3	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

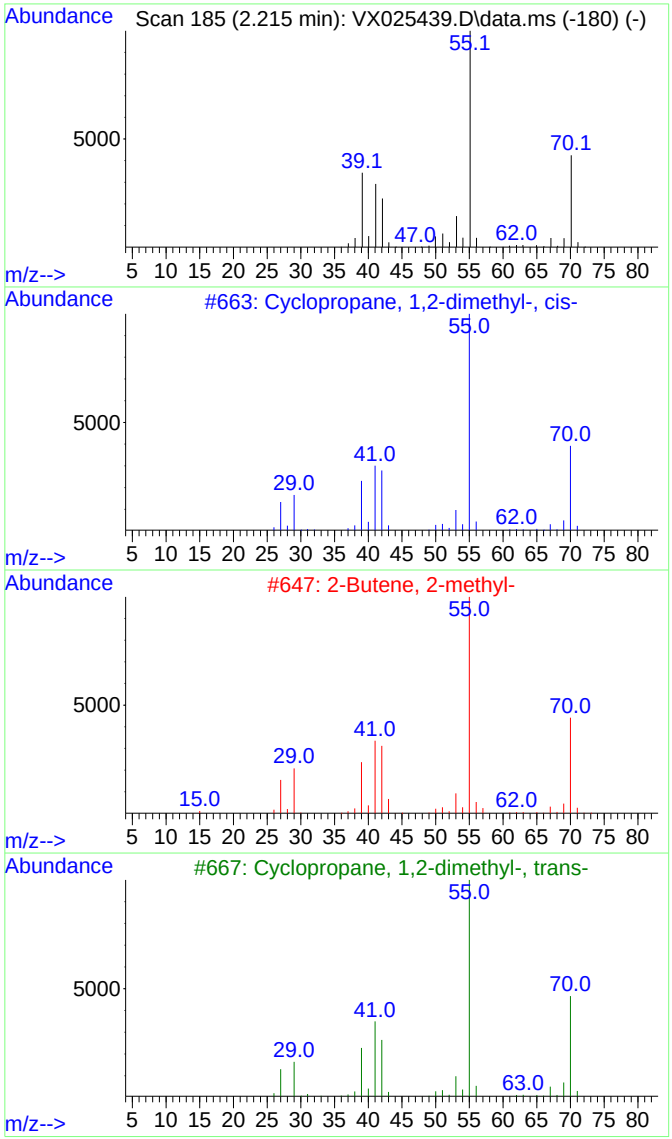
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

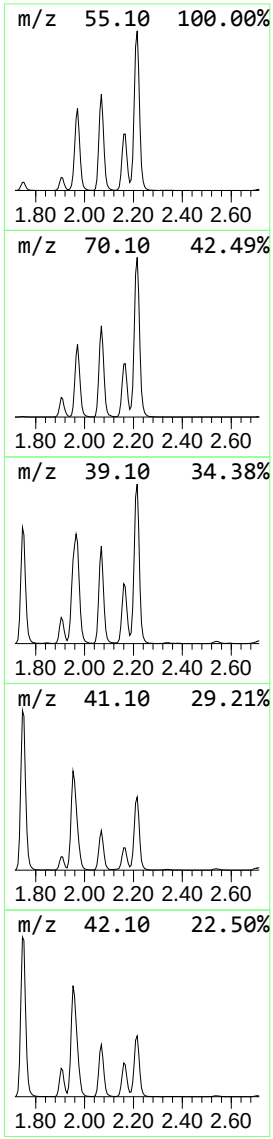
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Cyclopropane, 1,2-dimethyl-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.215	133.41 ug/l	866107	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1,2-dimethyl-, cis-	70	C5H10	000930-18-7	91
2	2-Butene, 2-methyl-	70	C5H10	000513-35-9	90
3	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	87
4	1-Butene, 3-methyl-	70	C5H10	000563-45-1	86
5	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

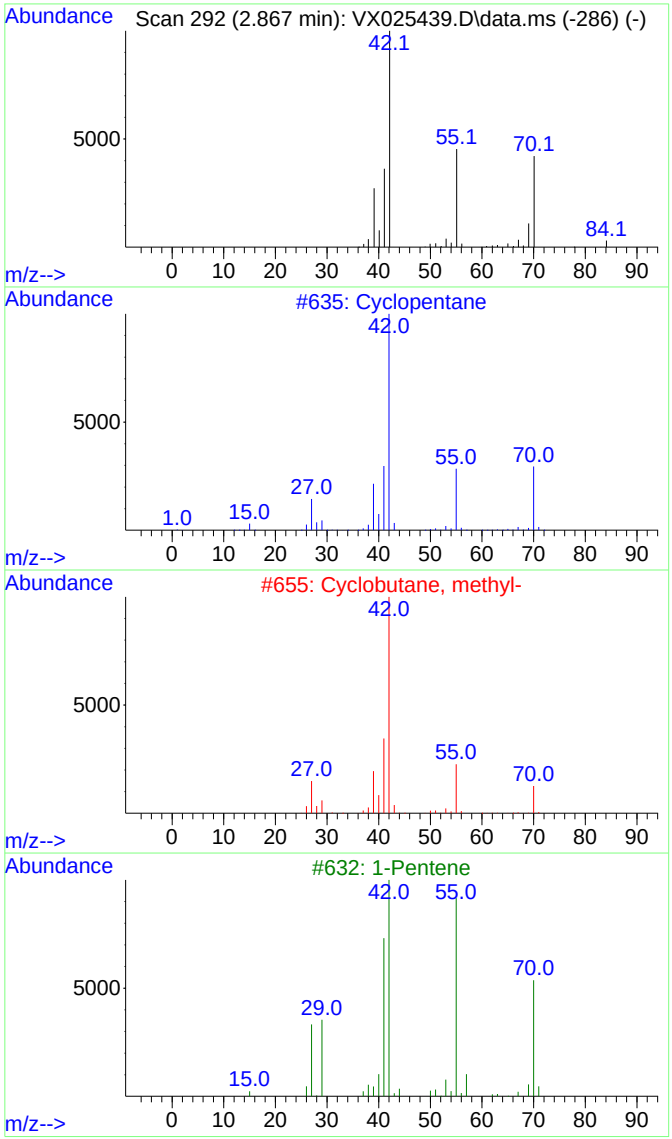
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

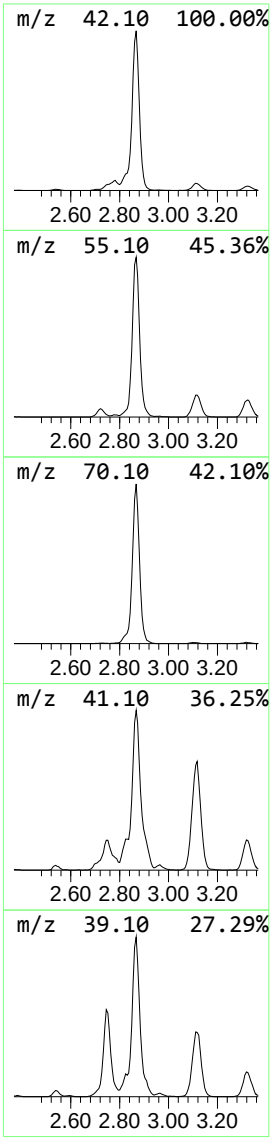
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclopentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.867	88.49 ug/l	574495	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane	70	C5H10	000287-92-3	86
2	Cyclobutane, methyl-	70	C5H10	000598-61-8	72
3	1-Pentene	70	C5H10	000109-67-1	50
4	2H-Tetrazole, 2,5-dimethyl-	98	C3H6N4	004135-93-7	9
5	1-Pentanol	88	C5H12O	000071-41-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

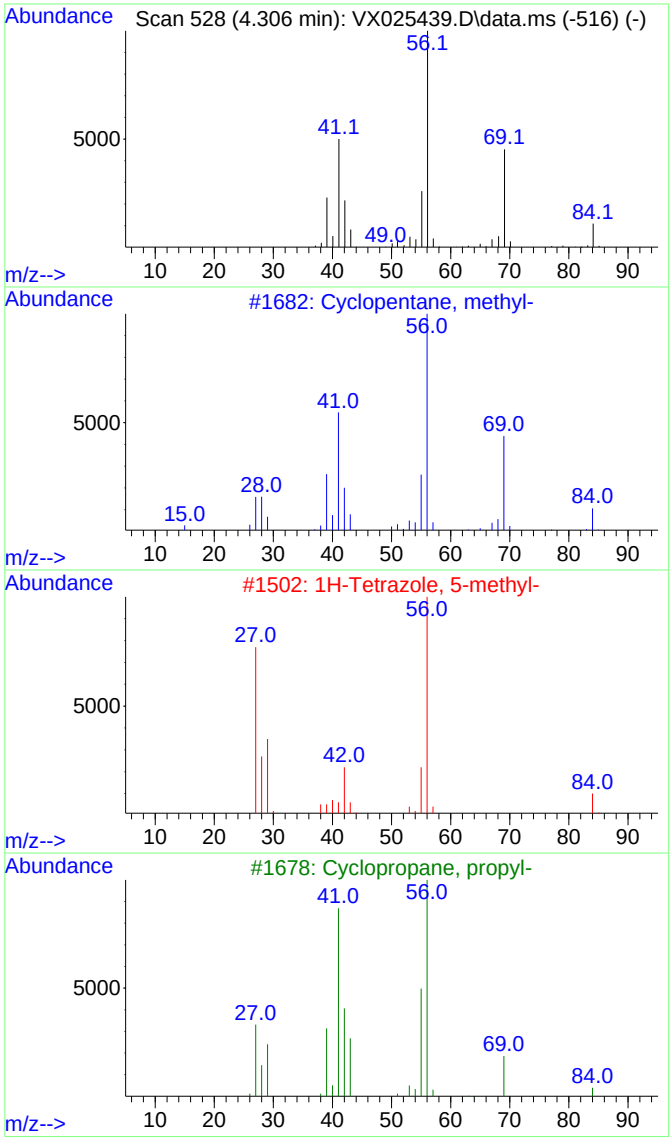
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

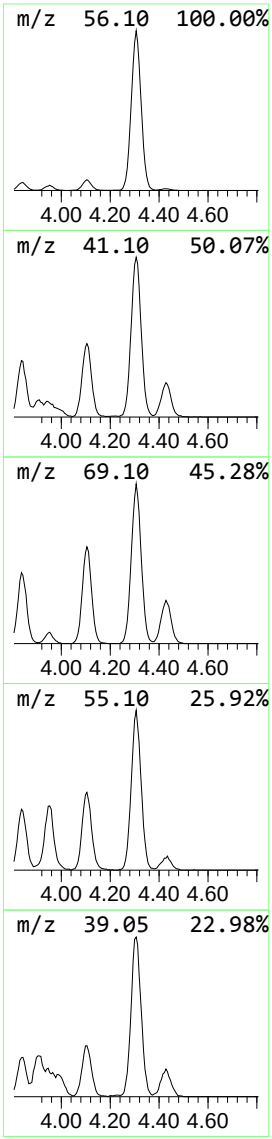
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclopentane, methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	90.02 ug/l	584407	Pentafluorobenzene	5.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	80
3	Cyclopropane, propyl-	84	C6H12	002415-72-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
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Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

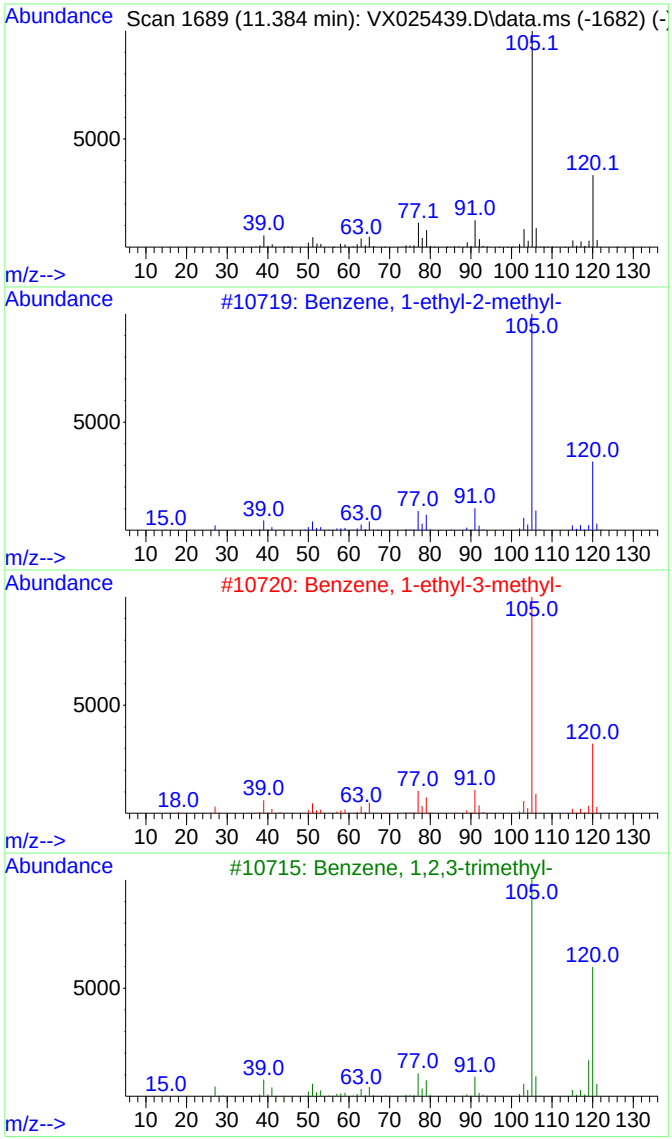
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

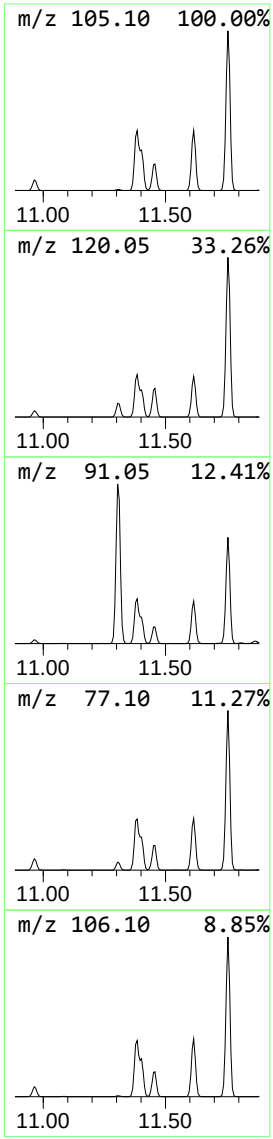
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.384	265.25 ug/l	2624140	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

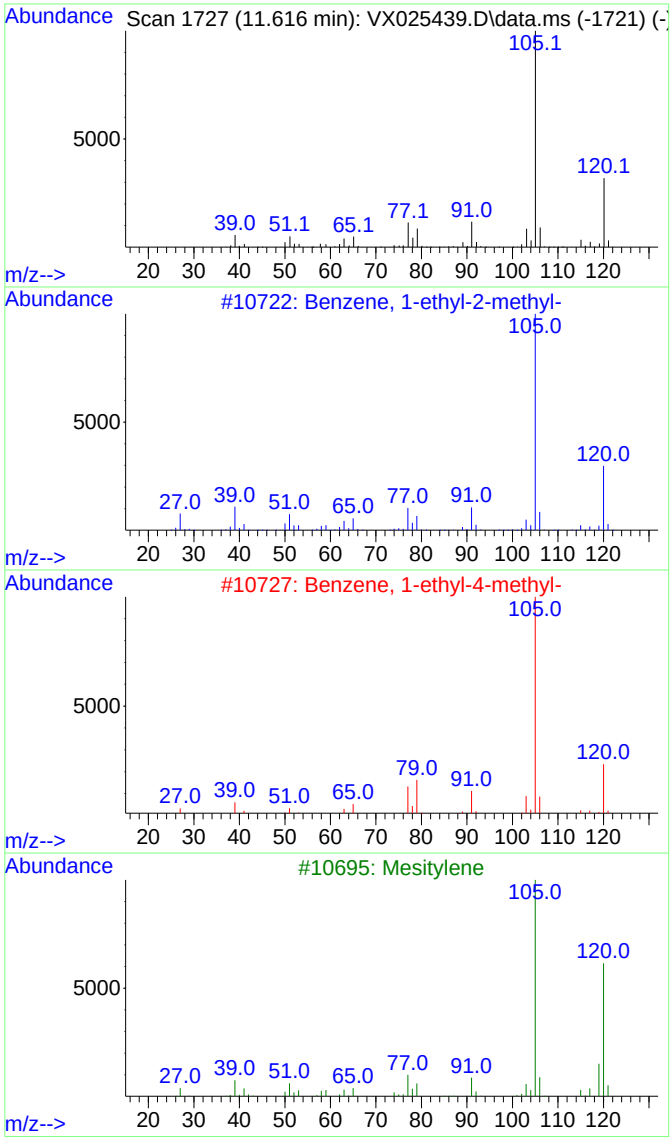
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

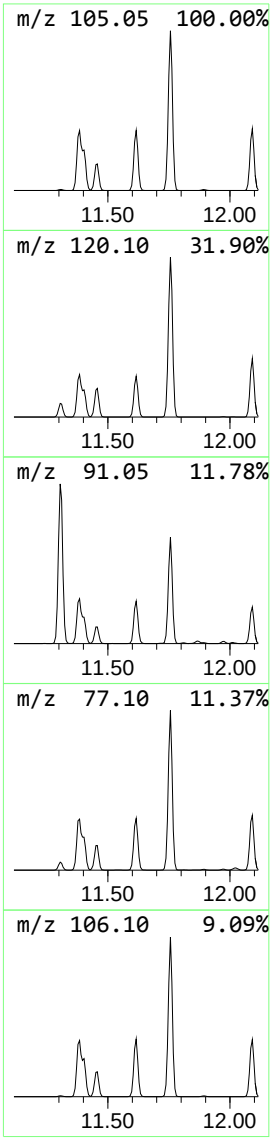
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	165.98 ug/l	1642080	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-4-methyl-	120	C9H12	000622-96-8	91
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

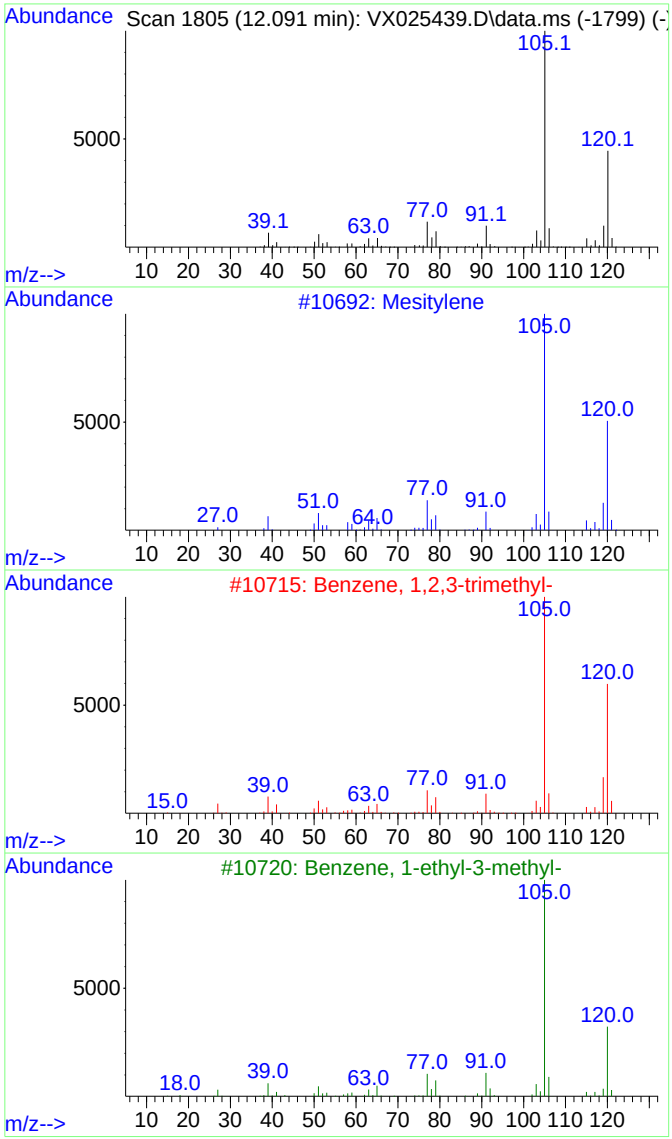
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

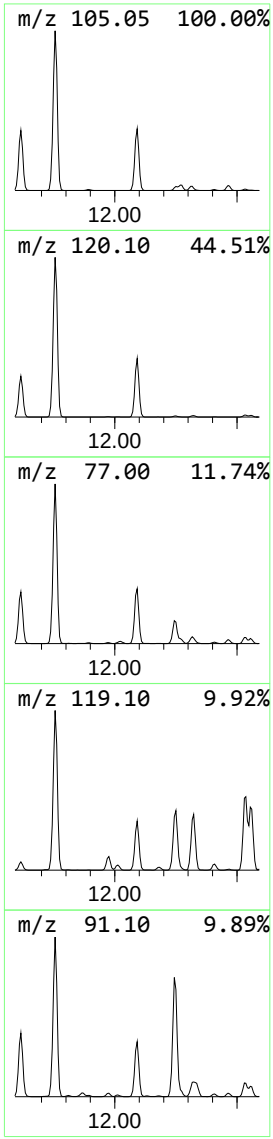
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	185.14 ug/l	1831590	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-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

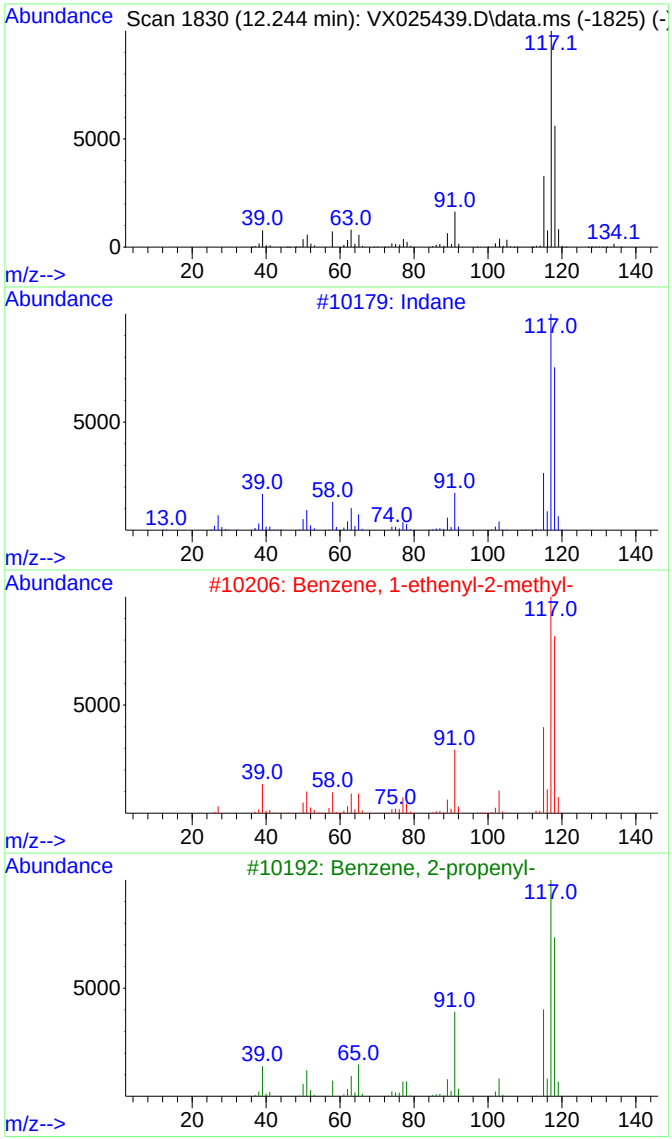
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

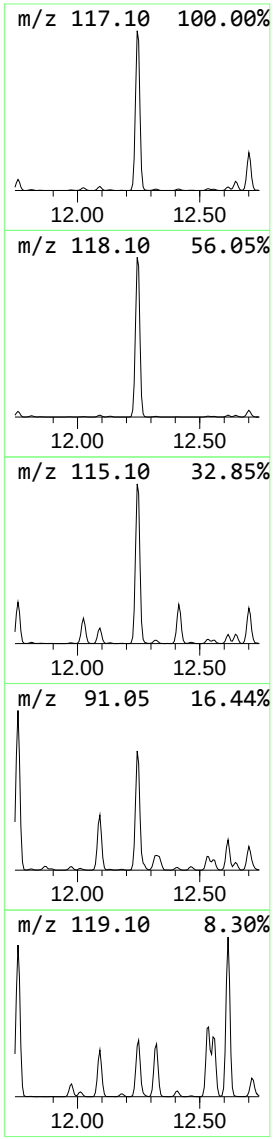
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	304.08 ug/l	3008250	1,4-Dichlorobenzene-d4	12.024

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	87
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	83
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
5	Benzene, 1-propenyl-	118	C9H10	000637-50-3	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

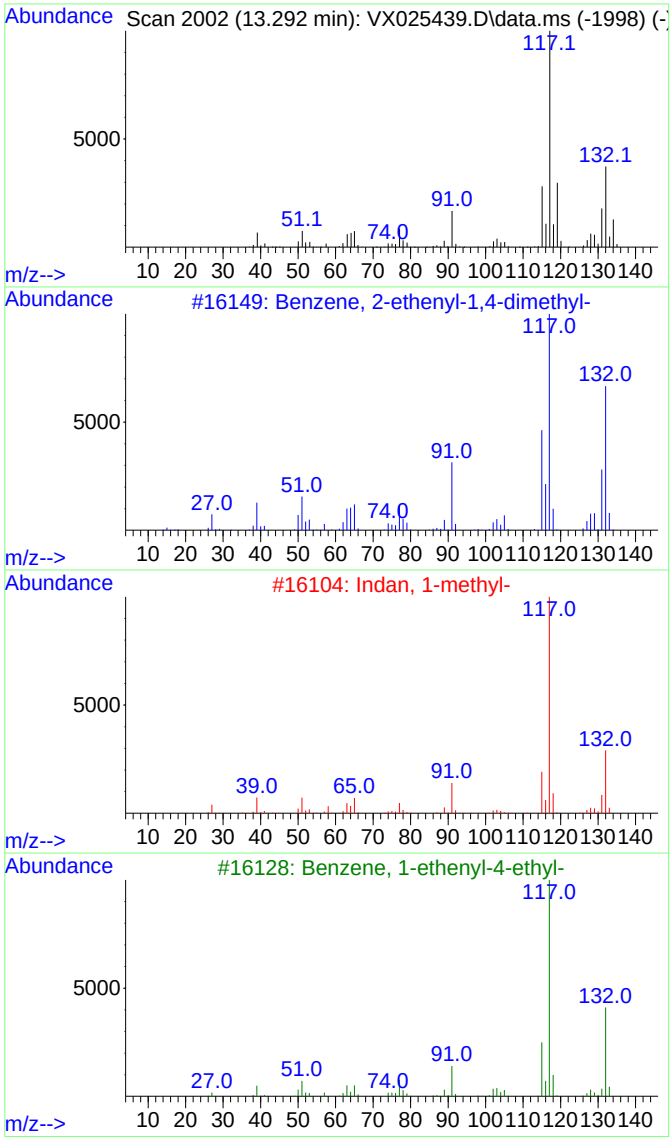
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260

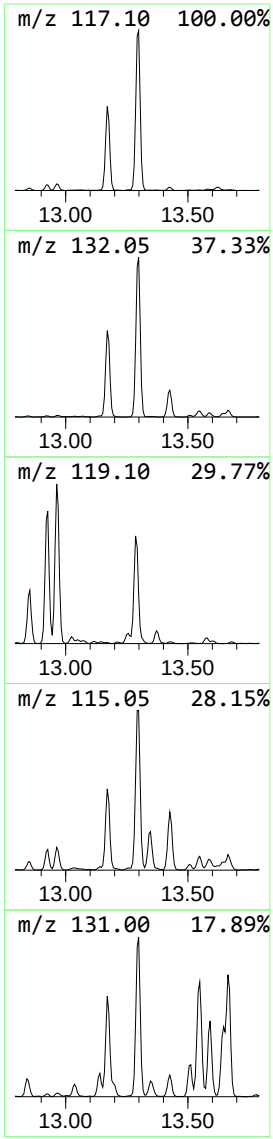
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.292	136.32 ug/l	1348590	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	95
2	Indan, 1-methyl-	132	C10H12	000767-58-8	93
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	89
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120221\
Data File : VX025439.D
Acq On : 02 Dec 2021 19:27
Operator : JC/MD
Sample : M4917-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-25

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.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
Butane, 2-methyl-	1.746	132.6	ug/l	860765	1	5.562	324592	50.0
Pentane	1.959	140.3	ug/l	911119	1	5.562	324592	50.0
Cyclopropane, 1...	2.215	133.4	ug/l	866107	1	5.562	324592	50.0
Cyclopentane	2.867	88.5	ug/l	574495	1	5.562	324592	50.0
Cyclopentane, m...	4.306	90.0	ug/l	584407	1	5.562	324592	50.0
Benzene, 1-ethy...	11.384	265.3	ug/l	2624140	4	12.024	494650	50.0
Benzene, 1-ethy...	11.616	166.0	ug/l	1642080	4	12.024	494650	50.0
Benzene, 1,2,3-...	12.091	185.1	ug/l	1831590	4	12.024	494650	50.0
Indane	12.244	304.1	ug/l	3008250	4	12.024	494650	50.0
Benzene, 2-ethe...	13.292	136.3	ug/l	1348590	4	12.024	494650	50.0