LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

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\82X041922W.M
Title : SW846 8260

Signal : TIC: VX028524.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.374	43	47	52	rBV	417133	413868	1.26%	0.248%
2	1.752	103	109	124	rVB	2866317	3974865	12.06%	2.384%
3	1.953	137	142	156	rVB2	1127894	1863100	5.65%	1.118%
4	2.215	180	185	198	rVB	687763	1027769	3.12%	0.617%
5	2.782	258	278	281	rBV2	382638	1106878	3.36%	0.664%
6	2.825	281	285	289	rVV	623967	1336407	4.05%	0.802%
7	2.867	289	292	305	rVB2	615556	1386932	4.21%	0.832%
8	3.105	321	331	345	rVB	482833	1094070	3.32%	0.656%
9	3.446	378	387	399	rVB	180077	401924	1.22%	0.241%
10	3.733	427	434	443	rVB	356472	846106	2.57%	0.508%
11	3.843	443	452	458	rBV	239273	609561	1.85%	0.366%
12	4.105	486	495	505	rVB2	267203	688440	2.09%	0.413%
13	4.306	518	528	540	rVB	999896	2834115	8.60%	1.700%
14	4.428	540	548	562	rVB	157252	460841	1.40%	0.276%
15	5.196	649	674	692	rBV	508533	1622867	4.92%	0.974%
16	5.391	692	706	712	rBV	314202	918298	2.79%	0.551%
17	5.477	712	720	727	rBV2	262777	758130	2.30%	0.455%
18	5.556	727	733	740	rVB	282708	676272	2.05%	0.406%
19	5.958	790	799	804	rBV	284975	734205	2.23%	0.440%
20	6.043	804	813	825	rVB	4009044	10599661	32.15%	6.359%
21	6.202	826	839	844	rBV2	163912	598486	1.82%	0.359%
22	6.763	922	931	941	rBV2	652094	1886750	5.72%	1.132%
23	6.854	943	946	957	rVB3	212517	477781	1.45%	0.287%
24	7.171	989	998	1008	rBV	232375	534027	1.62%	0.320%
25	7.379	1021	1032	1046	rBV4	284789	790580	2.40%	0.474%
26	8.147	1153	1158	1163	rVB	409004	679304	2.06%	0.407%
27	8.506	1210	1217	1226	rVB	352349	589413	1.79%	0.354%
28	8.653	1226	1241	1246	rBV	1527257	2550094	7.74%	1.530%
29	8.720	1246	1252	1259	rVB	2565879	3860400	11.71%	2.316%
30	10.055	1461	1471	1476	rBV	1440946	2006703	6.09%	1.204%
31	10.195	1489	1494	1500	rBV	10206354	13848877	42.01%	8.308%
32	10.305	1506	1512	1518	rBV	23423993	32967805	100.00%	19.777%
33	10.646	1562	1568	1578	rVB	4184381	5581006	16.93%	3.348%
34	10.963	1614	1620	1626	rBV	1147452	1420828	4.31%	0.852%
35	11.085	1634	1640	1645	rBV	1417262	1858692	5.64%	1.115%
36	11.305	1671	1676	1683	rVB	2147712	2572607	7.80%	1.543%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

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\82X041922W.M
Title : SW846 8260

37	11.384	1683	1689	1690	rVV	2223058	2934672	8.90%	1.760%
38	11.402	1690	1692	1696	rVV	3131221	3237699	9.82%	1.942%
39	11.451	1696	1700	1707	rVB	2279880	2831074	8.59%	1.698%
40	11.616	1721	1727	1737	rBV	3672736	4451027	13.50%	2.670%
41	11.756	1744	1750	1755	rBV	11227195	13521844	41.02%	8.111%
42	12.024	1789	1794	1799	rVB	1742885	2118165	6.42%	1.271%
43	12.091	1799	1805	1810	rBV	5246507	6448351	19.56%	3.868%
44	12.244	1825	1830	1838	rBV	6884565	8363692	25.37%	5.017%
45	12.317	1838	1842	1852	rVB3	654567	970593	2.94%	0.582%
46	12.408	1852	1857	1862	rBV2	264557	374277	1.14%	0.225%
47	12.463	1862	1866	1872	rVB	358495	431204	1.31%	0.259%
48	12.530	1872	1877	1880	rBV	550508	744407	2.26%	0.447%
49	12.616	1886	1891	1894	rBV	1281472	1536531	4.66%	0.922%
50	12.646	1894	1896	1900	rVB	380841	385457	1.17%	0.231%
51	12.701	1900	1905	1912	rBV	1279610	1650718	5.01%	0.990%
52	12.847	1924	1929	1934	rVB	320366	401122	1.22%	0.241%
53	12.920	1934	1941	1945	rBV	911360	1126969	3.42%	0.676%
54	12.963	1945	1948	1954	rVB	810328	943874	2.86%	0.566%
55	13.170	1978	1982	1992	rVB	1003129	1223433	3.71%	0.734%
56	13.292	1997	2002	2007	rVB2	1873897	2431713	7.38%	1.459%
57	13.426	2019	2024	2031	rVB	325878	417730	1.27%	0.251%
58	13.780	2076	2082	2091	rVB	2938151	3783469	11.48%	2.270%
59	14.640	2219	2223	2234	rVB	309694	400537	1.21%	0.240%
60	14.780	2241	2246	2257	rVB	309788	394352	1.20%	0.237%

Sum of corrected areas: 166700572

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
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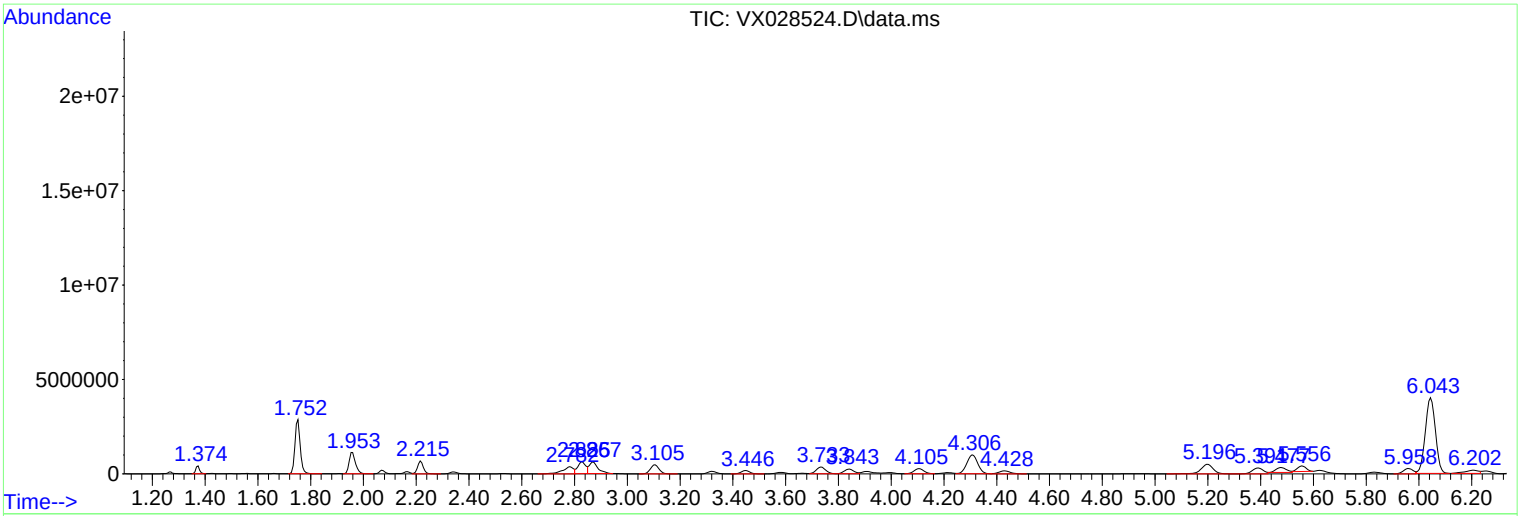
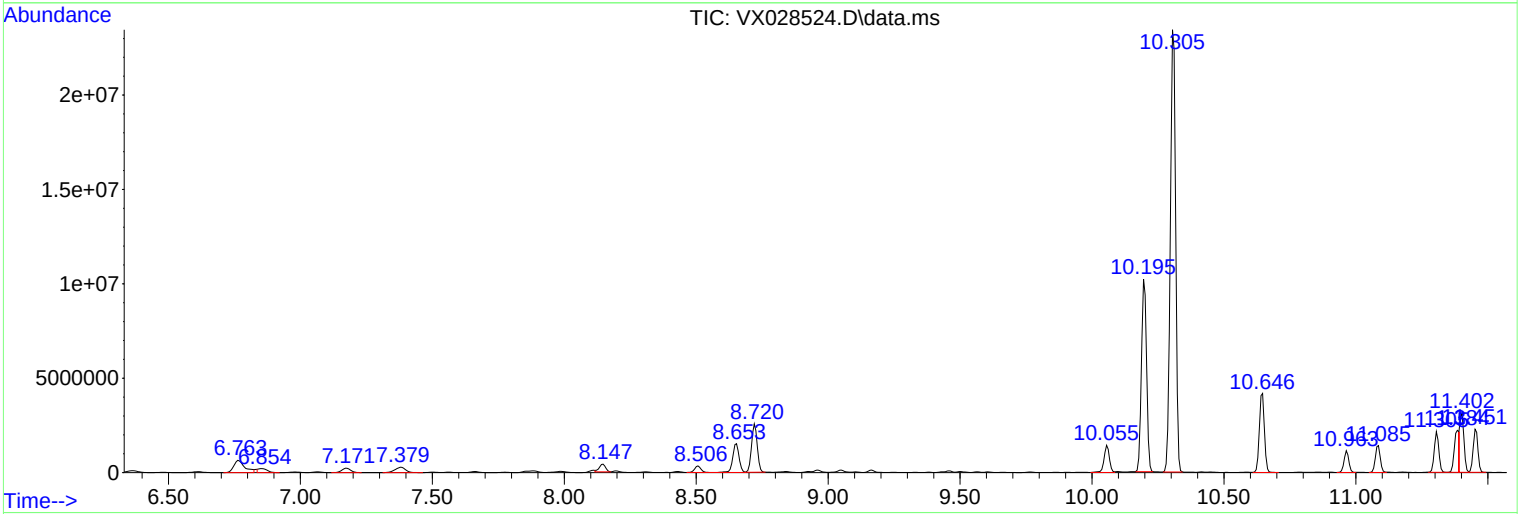
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

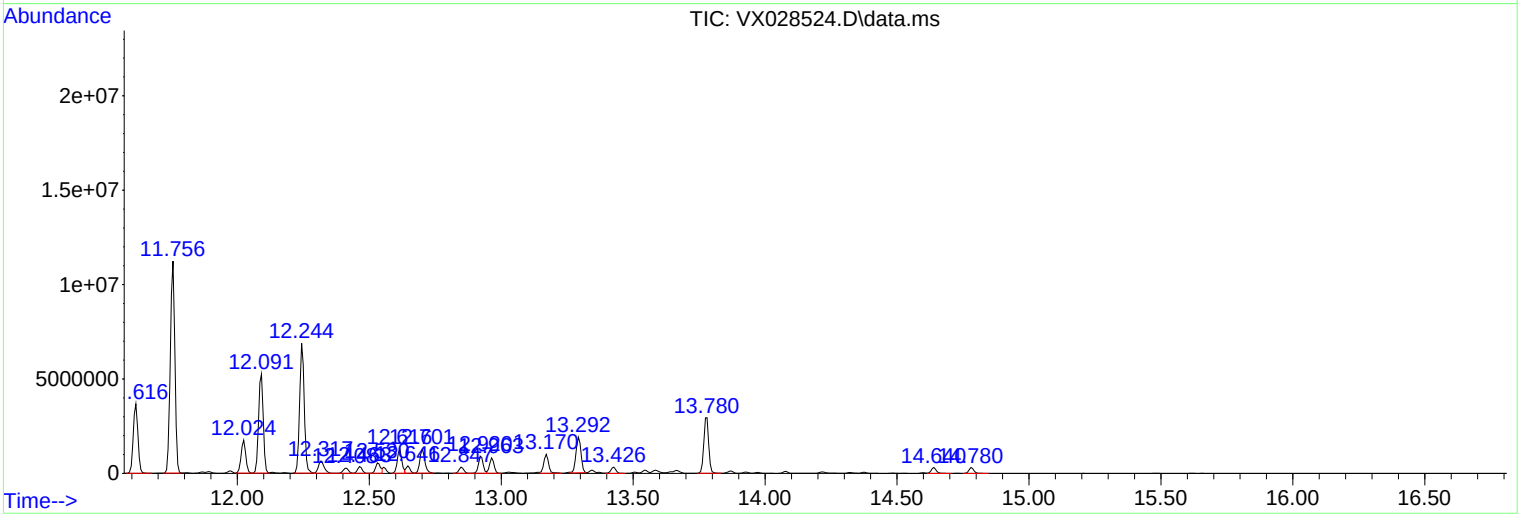
Instrument :
MSVOA_X
ClientSampleId :
INF0522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

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







Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

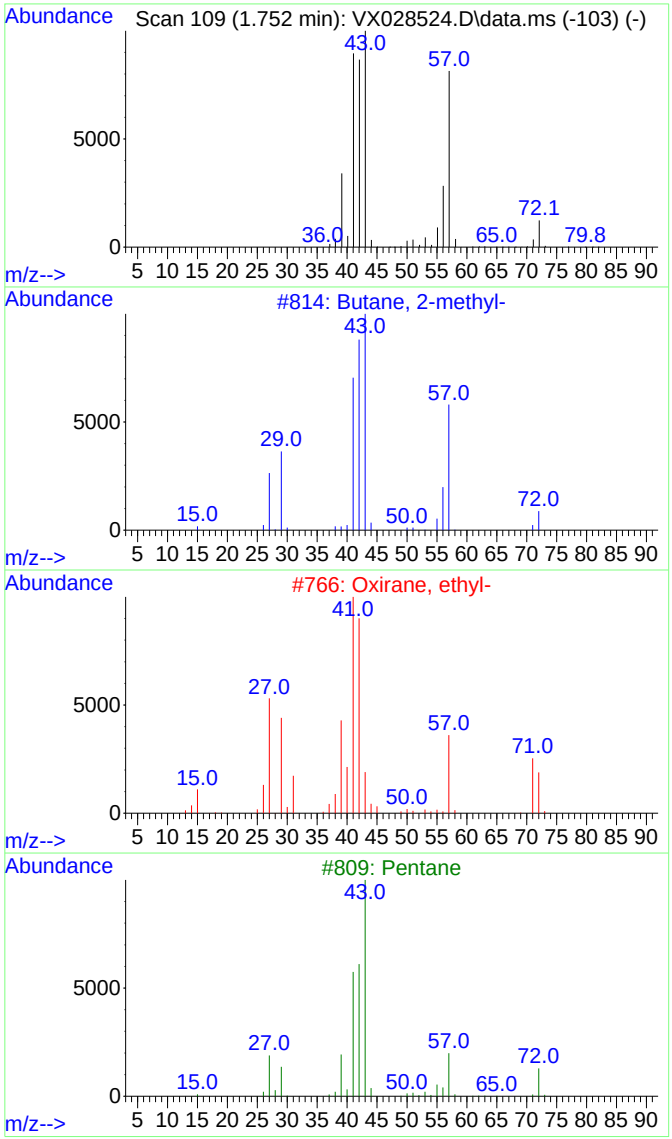
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

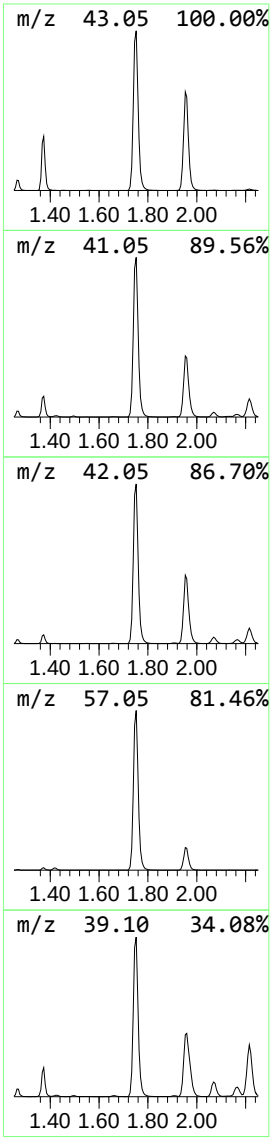
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.752	293.88 ug/l	3974870	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methyl-	72	C5H12	000078-78-4	86
2	Oxirane, ethyl-	72	C4H8O	000106-88-7	47
3	Pentane	72	C5H12	000109-66-0	38
4	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	12
5	1-Propene, 2-methyl-	56	C4H8	000115-11-7	10





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

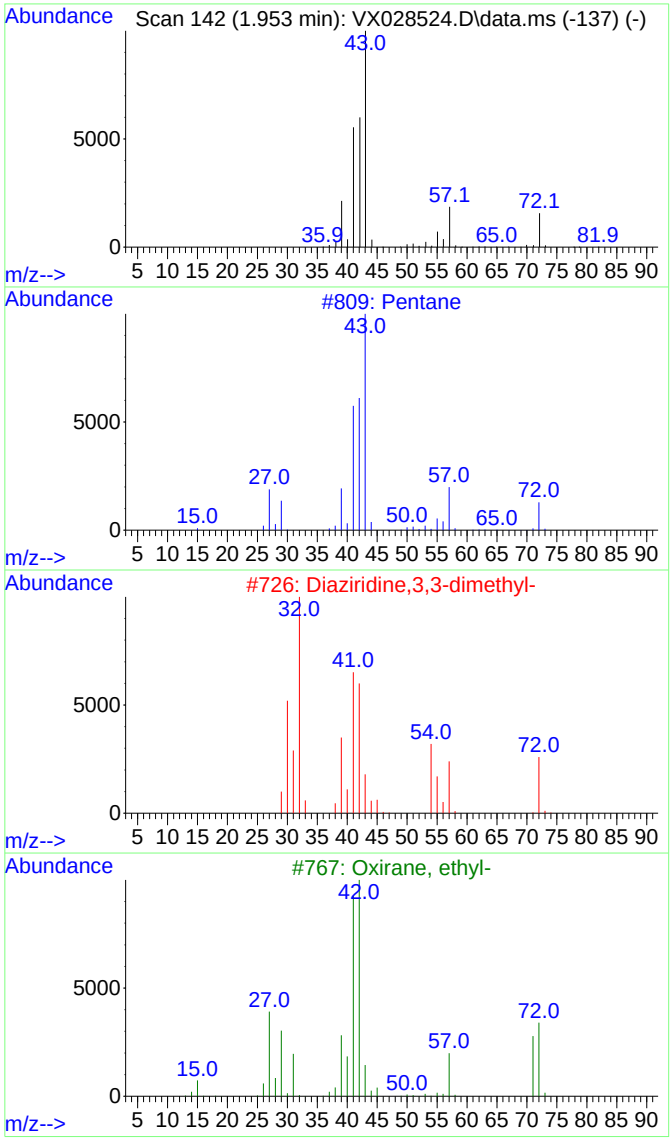
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

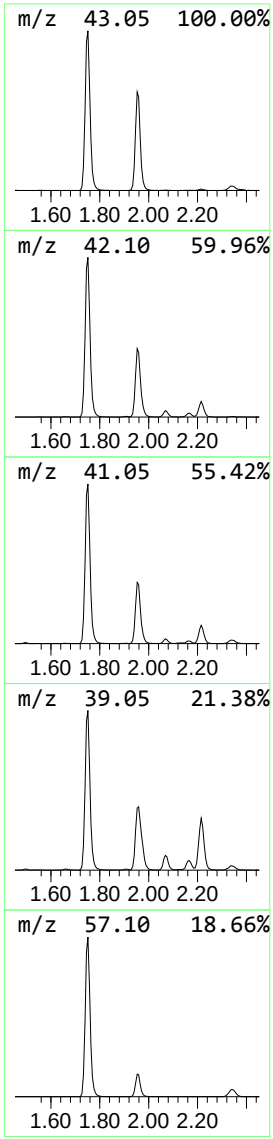
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.953	137.75 ug/l	1863100	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane	72	C5H12	000109-66-0	91
2	Diaziridine,3,3-dimethyl-	72	C3H8N2	004901-76-2	43
3	Oxirane, ethyl-	72	C4H8O	000106-88-7	40
4	Butane, 2-methyl-	72	C5H12	000078-78-4	38
5	2(3H)-Furanone, dihydro-4-methyl-	100	C5H8O2	001679-49-8	25





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

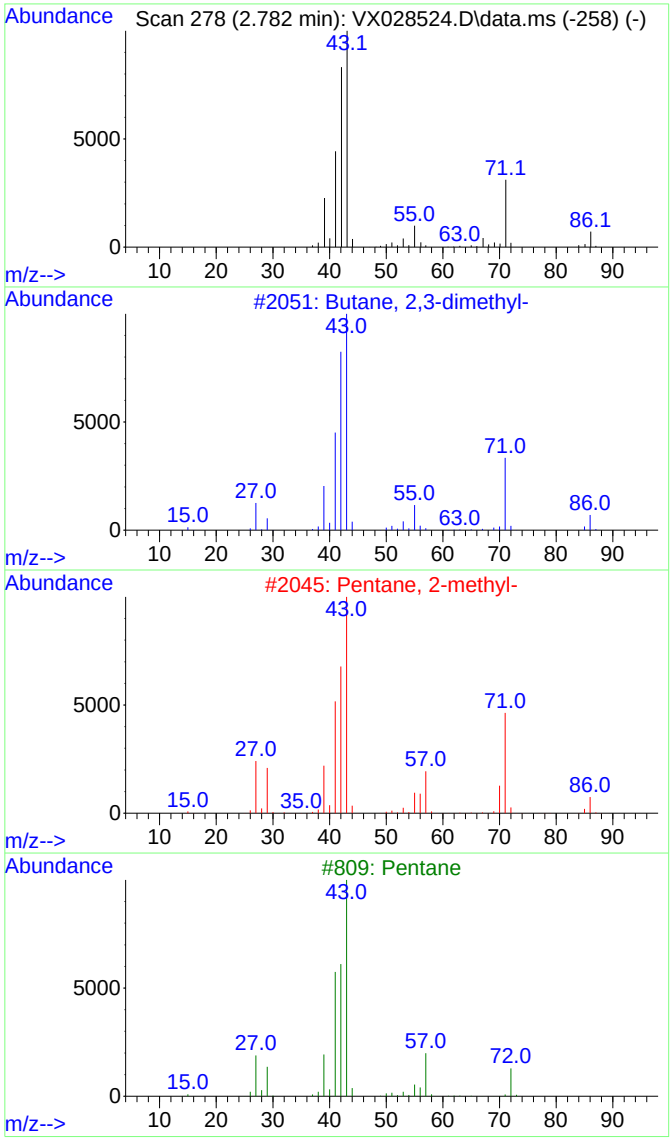
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

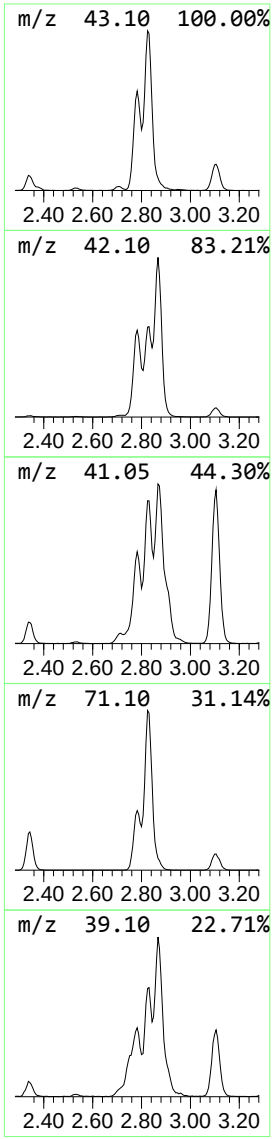
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Butane, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.782	81.84 ug/l	1106880	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2,3-dimethyl-	86	C6H14	000079-29-8	91
2	Pentane, 2-methyl-	86	C6H14	000107-83-5	52
3	Pentane	72	C5H12	000109-66-0	38
4	1,2,3-Trimethyldiaziridine	86	C4H10N2	113604-56-1	36
5	Tetrahydrofuran	72	C4H8O	000109-99-9	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

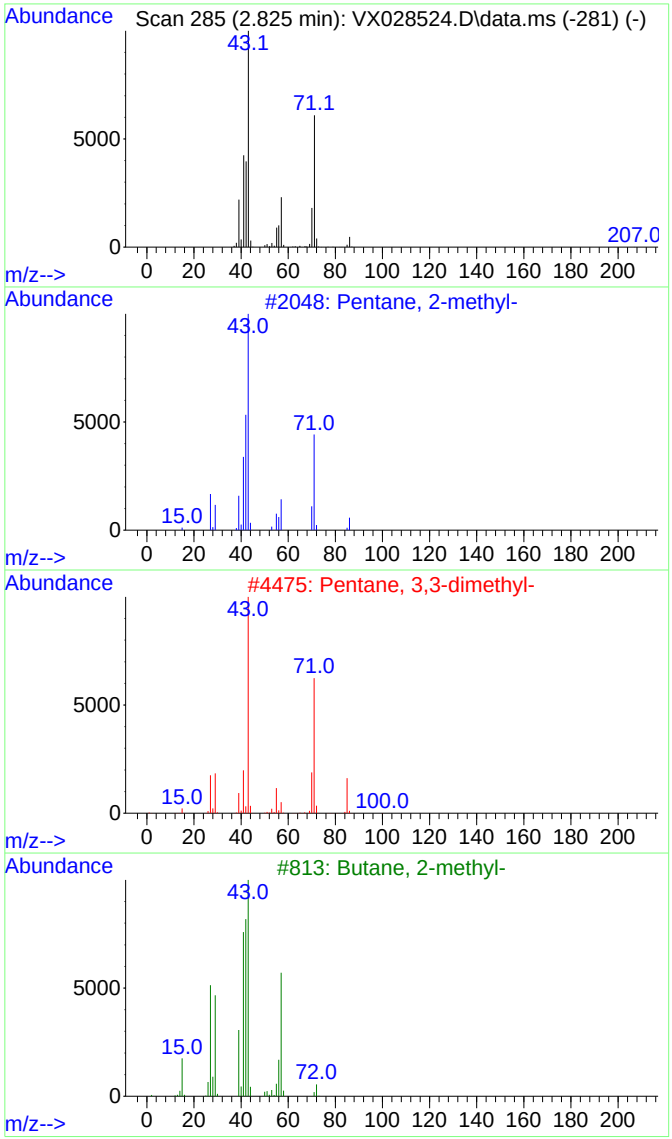
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

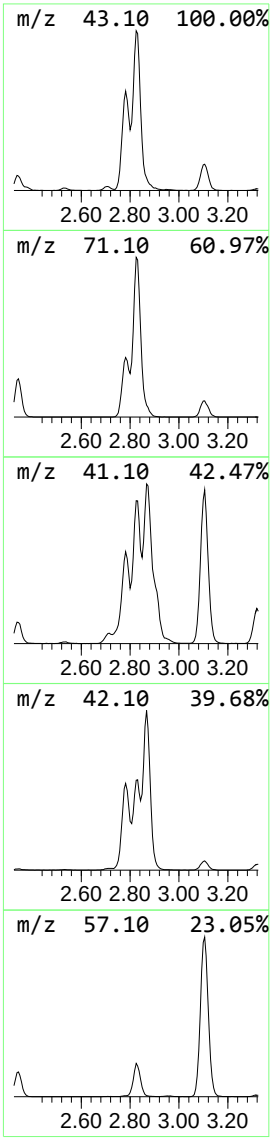
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.825	98.81 ug/l	1336410	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2-methyl-	86	C6H14	000107-83-5	91
2	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	47
3	Butane, 2-methyl-	72	C5H12	000078-78-4	38
4	Butane, 1-chloro-3-methyl-	106	C5H11Cl	000107-84-6	37
5	Furan, tetrahydro-2-methyl-	86	C5H10O	000096-47-9	36





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

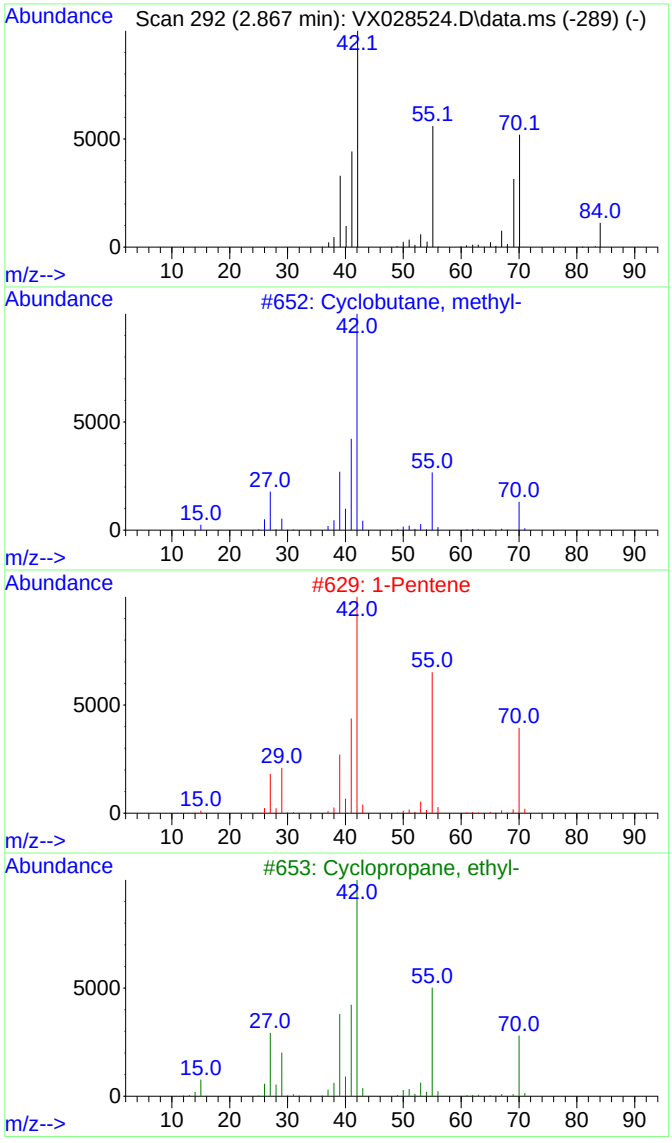
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

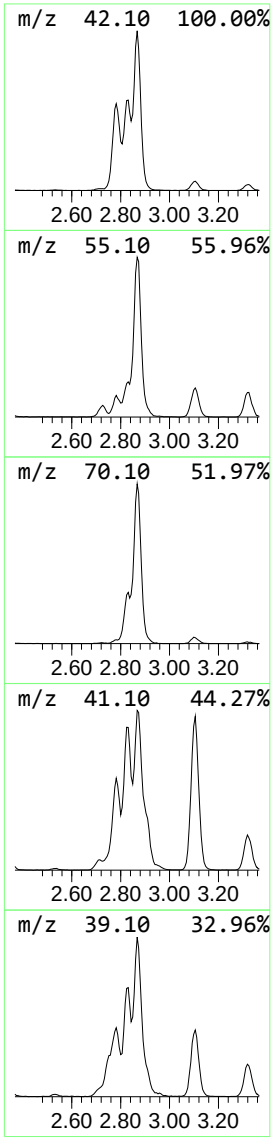
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclobutane, methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.867	102.54 ug/l	1386930	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclobutane, methyl-	70	C5H10	000598-61-8	80
2	1-Pentene	70	C5H10	000109-67-1	72
3	Cyclopropane, ethyl-	70	C5H10	001191-96-4	40
4	2-Pentene, (E)-	70	C5H10	000646-04-8	37
5	2-Pentene, (Z)-	70	C5H10	000627-20-3	37





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

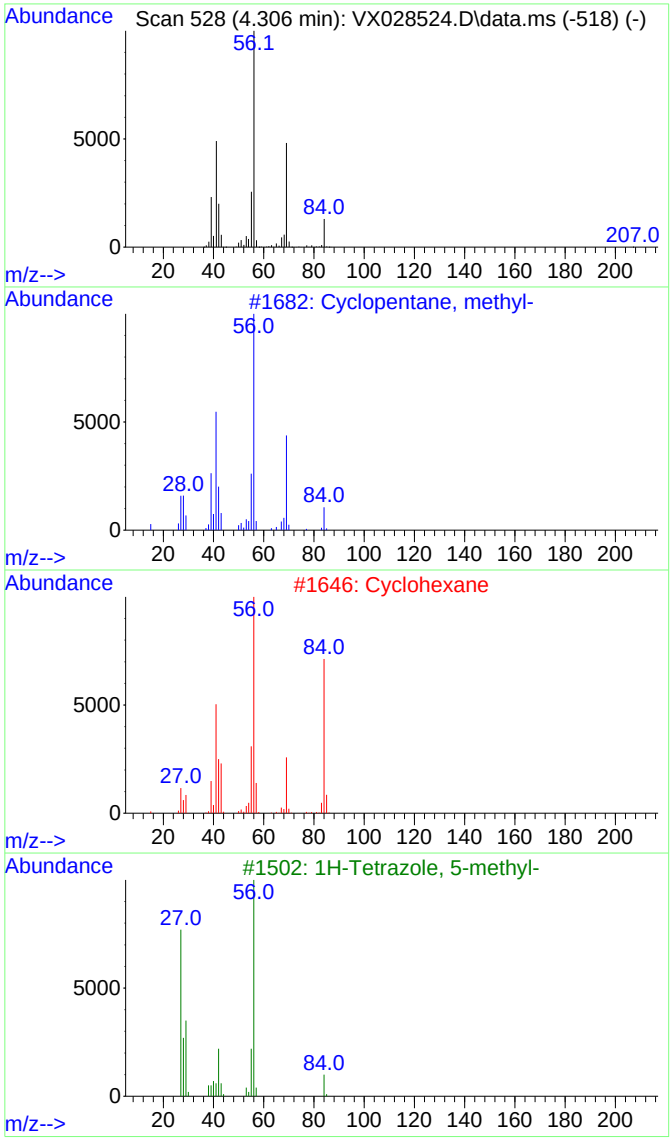
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

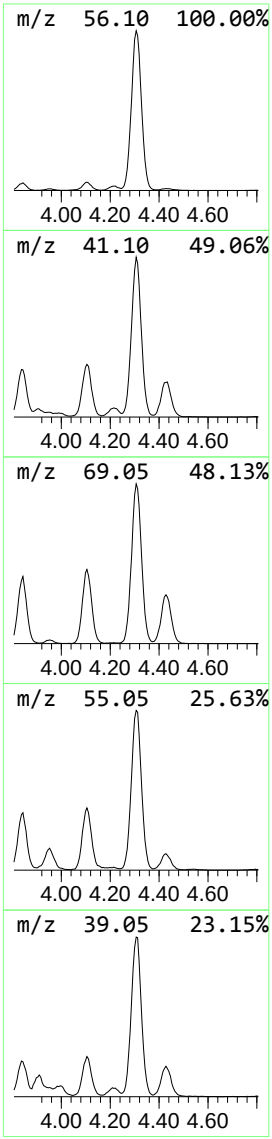
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclopentane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.306	209.54 ug/l	2834120	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	94
2	Cyclohexane	84	C6H12	000110-82-7	83
3	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	64
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	64
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	47





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

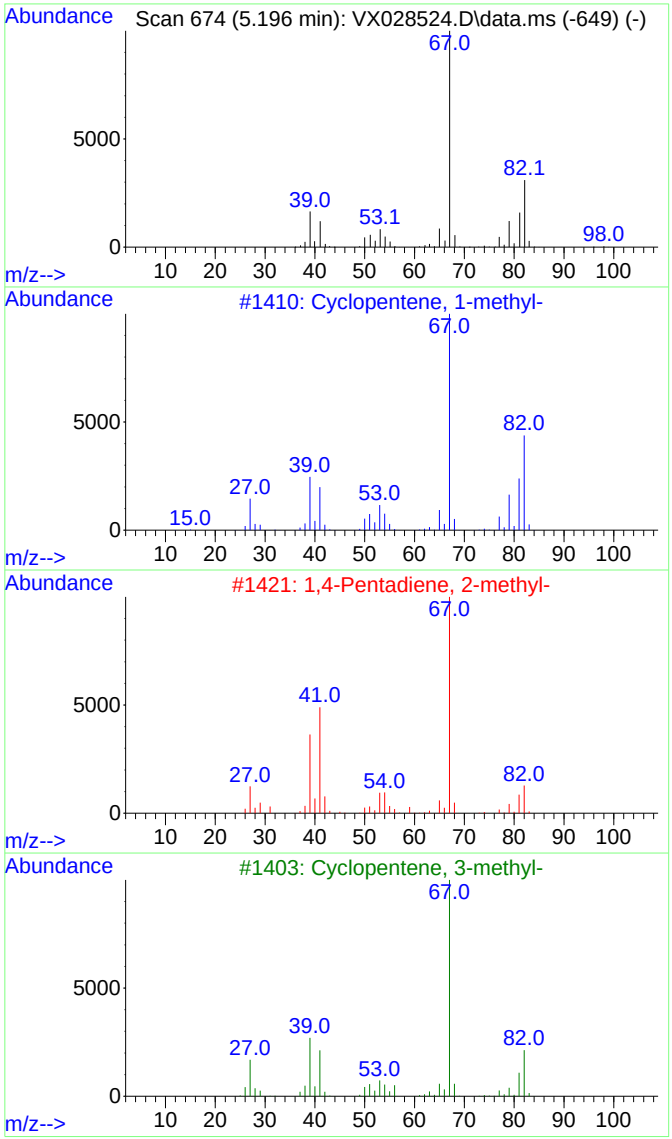
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

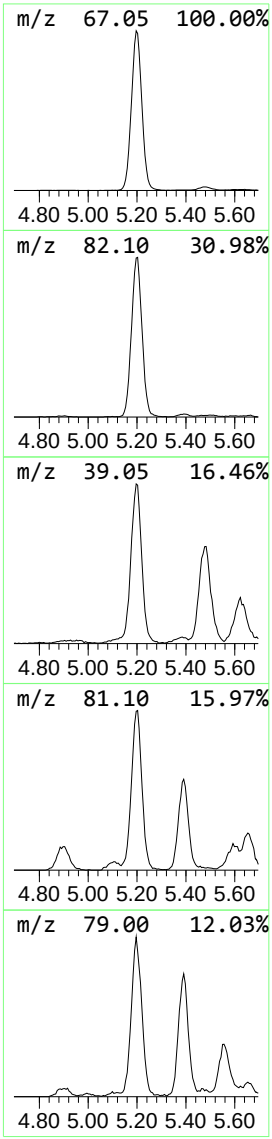
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclopentene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.196	119.99 ug/l	1622870	Pentafluorobenzene	5.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1-methyl-	82	C6H10	000693-89-0	90
2	1,4-Pentadiene, 2-methyl-	82	C6H10	000763-30-4	90
3	Cyclopentene, 3-methyl-	82	C6H10	001120-62-3	87
4	Cyclopentene, 4-methyl-	82	C6H10	001759-81-5	80
5	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	80





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

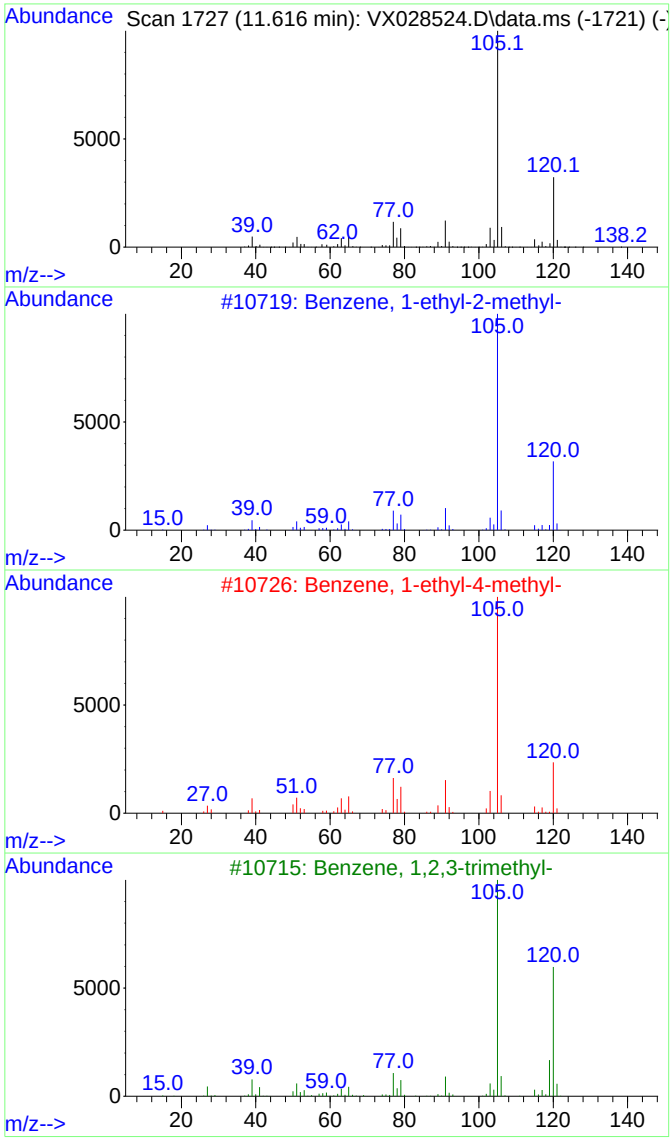
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

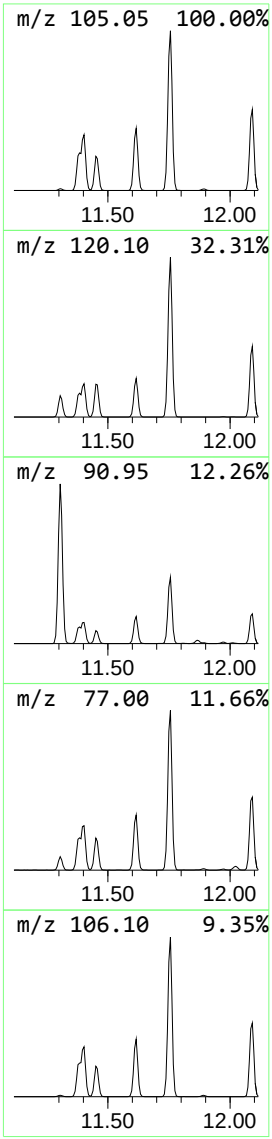
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	105.07 ug/l	4451030	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	93
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
4	Mesitylene	120	C9H12	000108-67-8	90
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

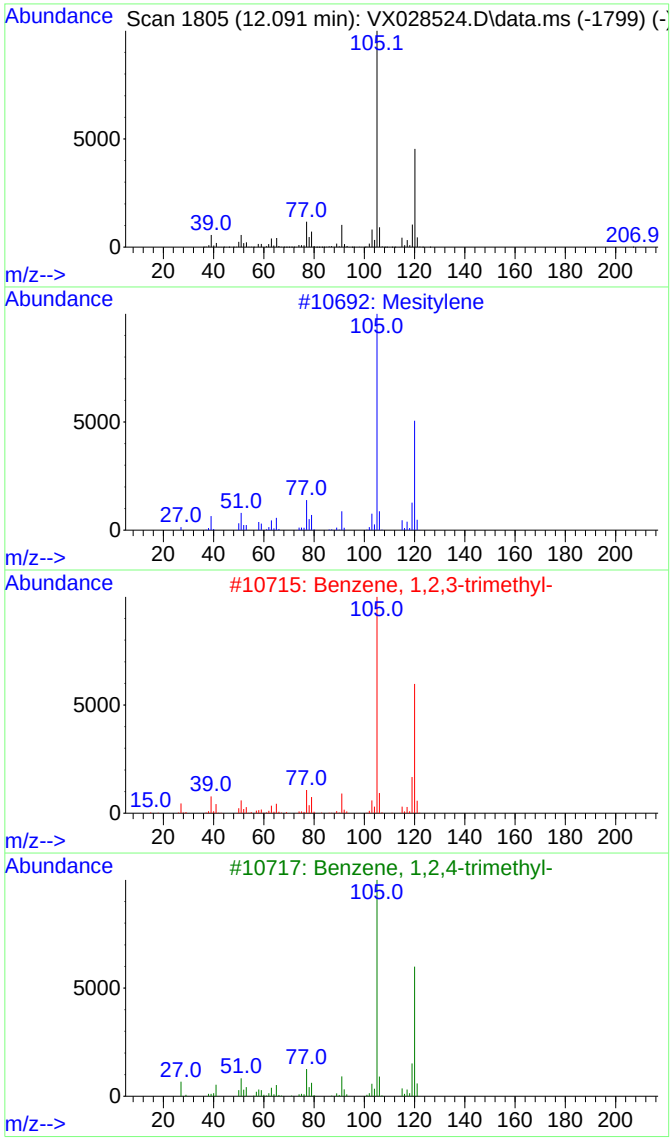
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

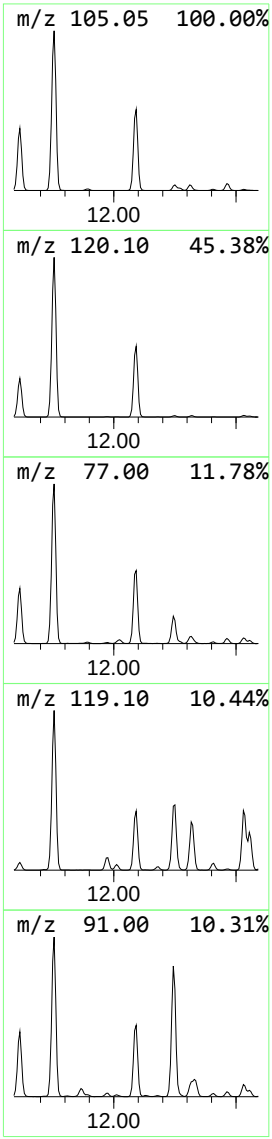
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1,2,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.091	152.22 ug/l	6448350	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-4-methyl-	120	C9H12	000622-96-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
Quant Title : SW846 8260

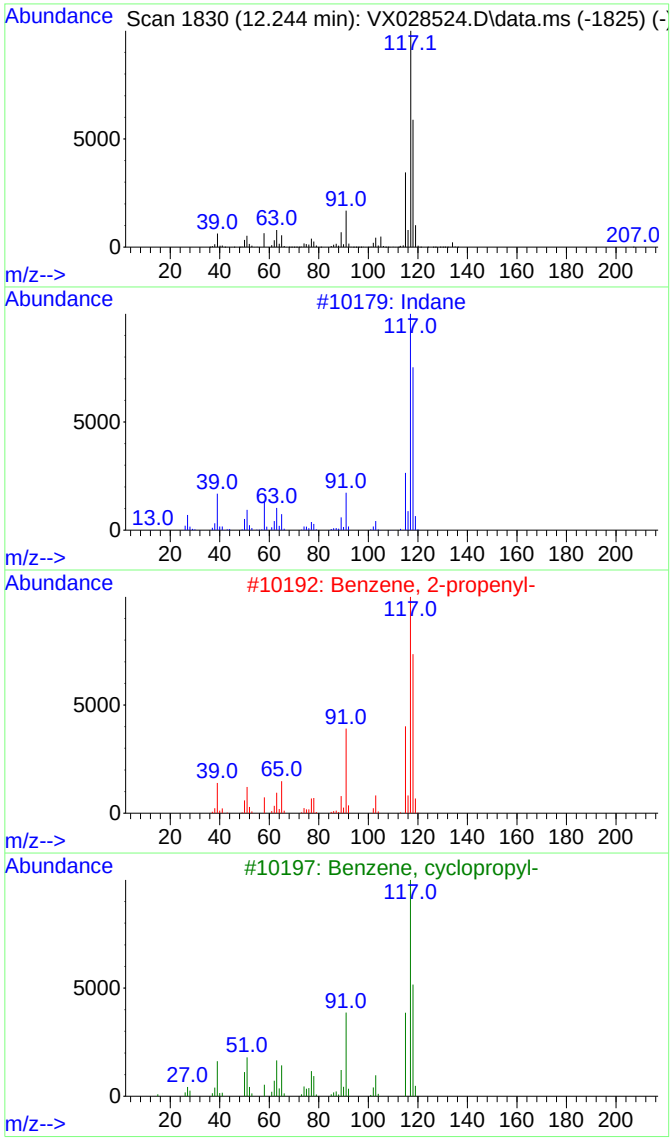
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

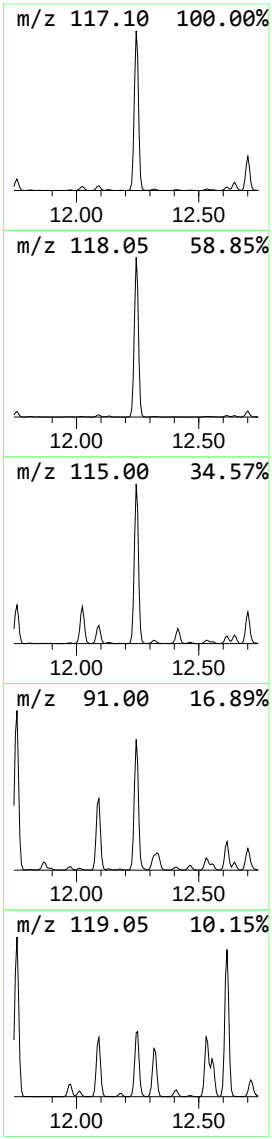
****

Peak Number 10 Indane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.244	197.43 ug/l	8363690	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, 2-propenyl-	118	C9H10	000300-57-2	83
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	81
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050422\
Data File : VX028524.D
Acq On : 04 May 2022 16:15
Operator : JC/MD
Sample : N2695-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
INF0522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.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-	1.752	293.9	ug/l	3974870	1	5.556	676272	50.0
Pentane	1.953	137.8	ug/l	1863100	1	5.556	676272	50.0
Butane, 2,3-dim...	2.782	81.8	ug/l	1106880	1	5.556	676272	50.0
Pentane, 2-methyl-	2.825	98.8	ug/l	1336410	1	5.556	676272	50.0
Cyclobutane, me...	2.867	102.5	ug/l	1386930	1	5.556	676272	50.0
Cyclopentane, m...	4.306	209.5	ug/l	2834120	1	5.556	676272	50.0
Cyclopentene, 1...	5.196	120.0	ug/l	1622870	1	5.556	676272	50.0
Benzene, 1-ethy...	11.616	105.1	ug/l	4451030	4	12.024	2118170	50.0
Benzene, 1,2,3-...	12.091	152.2	ug/l	6448350	4	12.024	2118170	50.0
Indane	12.244	197.4	ug/l	8363690	4	12.024	2118170	50.0